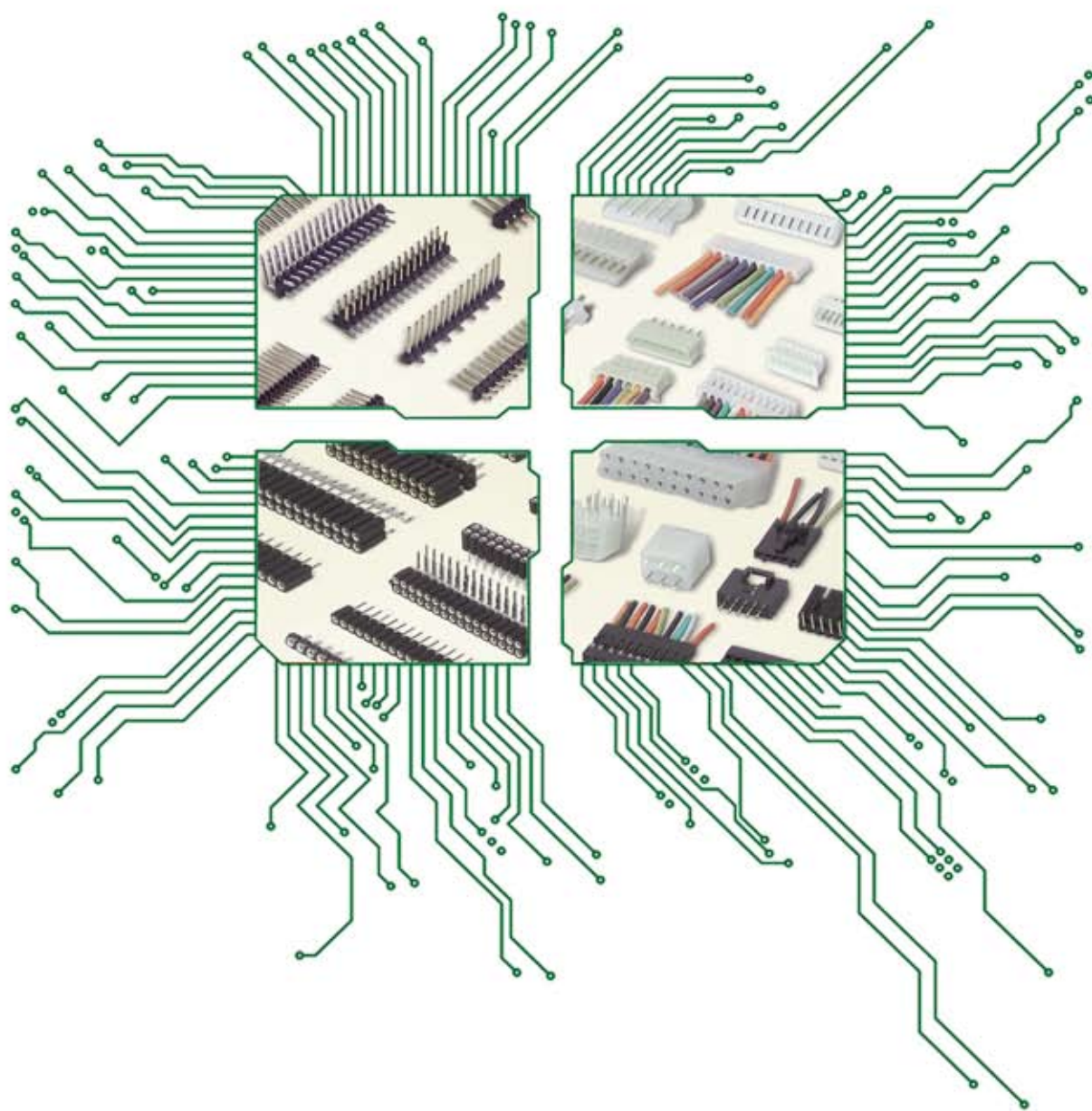


ELITALIA

PRINTET CIRCUIT BOARD INTERCONNECTION SYSTEM



CAT. PCB-F-3

da passo 2,54 mm a passo 8,00 mm

CAT. PCB-F-3 (INDEX 1)

DESCRIPTION

PAGE

2.54MM(0.100") PITCH PCB CONNECTORS

2.54MM FEMALE HEADER DIP TYPE-----	F6001~F6088
2.54MM SIP SOCKETS WITH SCREW MACHINED CONTACTS-----	F6151~F6165
2.54MM FEMALE HEADER PRESS-FIT TYPE-----	F6181~F6189
2.54MM FEMALE HEADER SMT TYPE-----	F6201~F6236
2.54MM BINARY (HEADER + SOCKET) CONNECTOR-----	F6351~F6353
2.54MM MINI JUMPERS-----	F6381~F6384
2.54MM PIN HEADER DIP TYPE H=1.50MM-----	F6401~F6410
2.54MM PIN HEADER SMT TYPE H=1.50MM-----	F6451~F6453
2.54MM PIN HEADER DIP TYPE H=1.70MM-----	F6501~F6511
2.54MM PIN HEADER SMT TYPE H=1.70MM-----	F6551~F6553
2.54MM PIN HEADER DIP TYPE H=2.54MM-----	F6601~F6627
2.54MM PIN HEADER SMT TYPE H=2.54MM-----	F6651~F6662
2.54MM PIN HEADER RIGHT ANGLE SMT TYPE H=2.54MM-----	F6681~F6690
2.54MM PIN HEADER DIP TYPE H=4.30MM & 7.40MM-----	F6701~F6702
2.54MM PIN HEADER PRESS-FIT TYPE-----	F6721~F6730
2.54MM PIN HEADER WITH STAMPED ROUND CONTACTS-----	F6741~F6742
2.54MM PIN HEADER WITH SCREW MACHINED CONTACTS-----	F6751~F6761
2.54MM BOX HEADER DIP TYPE-----	F6801~F6816
2.54MM BOX HEADER SMT TYPE-----	F6851~F6858
2.54MM SHROUDED HEADER DIP & SMT TYPE-----	F6881~F6890
2.54MM IDC SOCKETS-----	F6901~F6903
2.54MM IDC TYPE DIP PLUGS-----	F6921~F6924
2.54MM CARDEDGE IDC CONNECTOR-----	F6941~F6944
2.54MM MINIATURE CONNECTORS IN RED-----	F6961~F6970
2.54MM MINIATURE CONNECTORS IN BLACK-----	F6991~F6993
2.54MM CARDEDGE SLOT CONNECTORS-----	F7001~F7004
2.54MM FPC/FFC NON-ZIF CONNECTORS-----	F7021~F7022
2.54MM IC SOCKETS WITH STAMPED CONTACTS-----	F7041~F7042
2.54MM IC SOCKETS WITH SCREW MACHINED CONTACTS-----	F7061~F7071
2.54MM IC ADAPTER STRIPS WITH SCREW MACHINED CONTACTS-----	F7081~F7089
2.54MM SIMM SOCKETS-----	F7101~F7106
2.54MM WIRE-TO-BOARD CONNECTORS-----	F7201~F7220
2.54MM DIP SWITCHES-----	F7251~F7255

3.00MM~8.00MM PITCH PCB CONNECTORS

3.00MM(0.118") POWER CONNECTORS-----	F8001~F8010
3.50MM(0.138") WIRE-TO-BOARD SYSTEM-----	F8061~F8064
3.96MM(0.156") FEMALE HEADERS-----	F8101~F8104
3.96MM(0.156") PIN HEADERS-----	F8151~F8155
3.96MM(0.156") CARDEDGE SLOT CONNECTORS-----	F8201~F8211
3.96MM(0.156") POWER CONNECTORS-----	F8241~F8242
3.96MM(0.156") WIRE-TO-BOARD SYSTEM-----	F8251~F8256
3.96MM(0.156") BOARD-IN CONNECTOR-----	F8271
3.96MM(0.156") IDC CONNECTOR-----	F8281~F8283
4.00MM(0.157") WIRE-TO-BOARD SYSTEM-----	F8401~F8407
4.20MM(0.165") POWER CONNECTORS-----	F8421~F8435
5.00MM + 7.00MM WIRE-TO-BOARD SYSTEM-----	F8501~F8503
5.08MM(0.200") FEMALE HEADERS-----	F8601~F8603
5.08MM(0.200") PIN HEADERS-----	F8651~F8654
5.08MM(0.200") POWER CONNECTORS-----	F8701~F8705
5.08MM(0.200") WIRE-TO-BOARD SYSTEM-----	F8721~F8722
8.00MM + 10.00MM WIRE-TO-BOARD SYSTEM-----	F8751~F8752
13.00MM PITCH HEADERS-----	F8761
HAND CRIMPING TOOL-----	F8769

- TECHNICAL ALTERNATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- ALL ARTICLES ARE RoHS & REACH/SVHC COMPLIANT.

2.54MM (0.100") FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=3.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

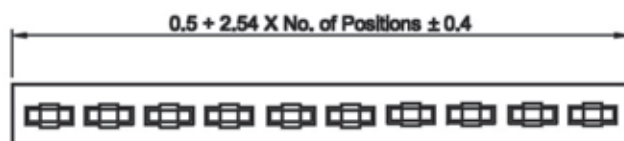
MATERIALS

Contact Material: Phosphor Bronze

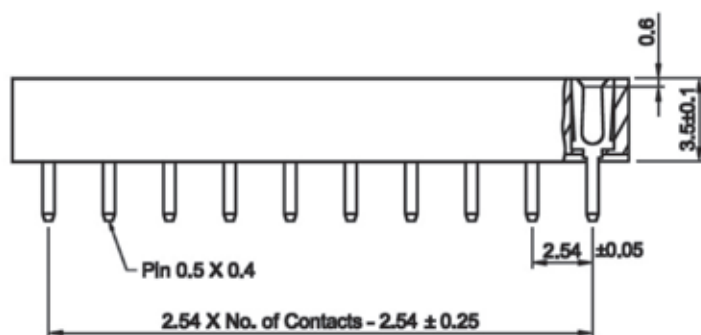
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T & P.B.T.

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 L P - x x x x B / x x

1 2 3 4

1. CONTACT TYPE:

"LP" SINGLE ROW STRAIGHT TYPE

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM (0.100") FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=3.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

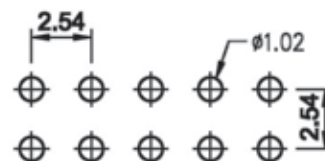
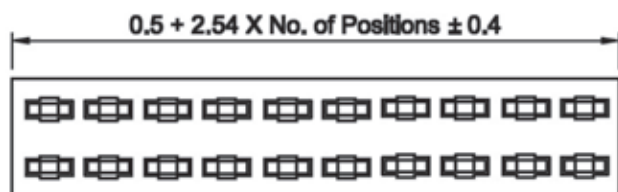
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

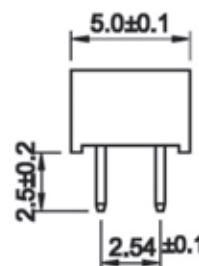
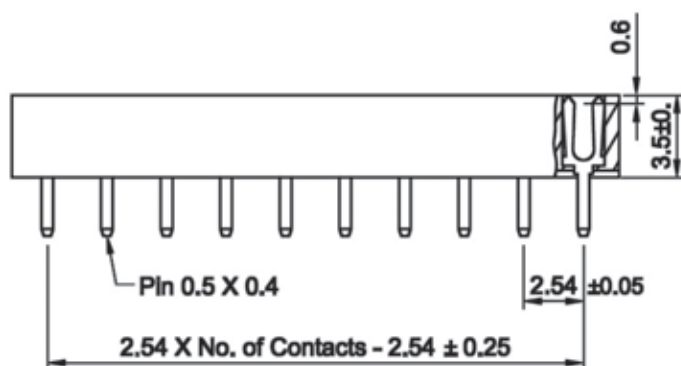
Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 L Q - x x x x B / x x
1 2 3 4

- CONTACT TYPE:
"LQ" DOUBLE ROW STRAIGHT TYPE
- NO. OF CONTACTS:
004~080
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

- INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER STRAIGHT TYPE PROFILE=3.50MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

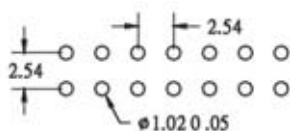
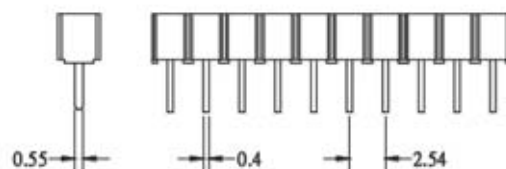
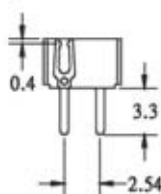
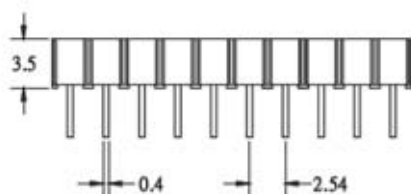
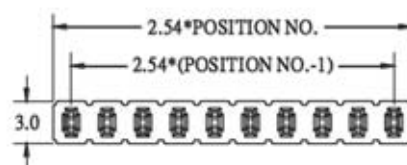
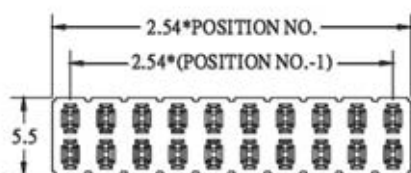
Operating Temperature: -40°C to +105°C

MATERIALS

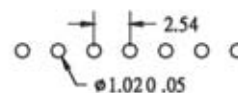
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{G}{3}$ B

1. NO. OF ROWS:

"AL" SINGLE ROW

"AM" DOUBLE ROW

2. NO. OF CONTACTS:

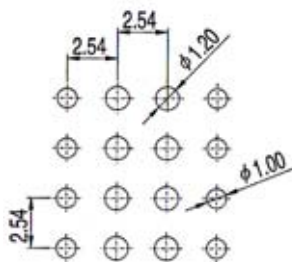
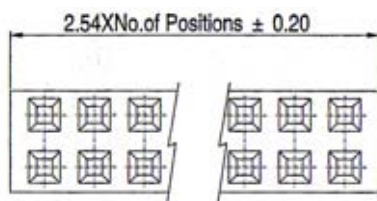
002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

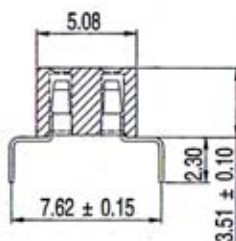
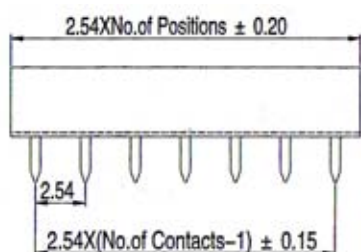
3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=3.50MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon-6T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 B 0 9 - x x x x B
1 2 3

1. TERMINAL TYPE:

"B09" PITCH= 7.62MM

2. NO. OF CONTACTS:

004 ~ 080

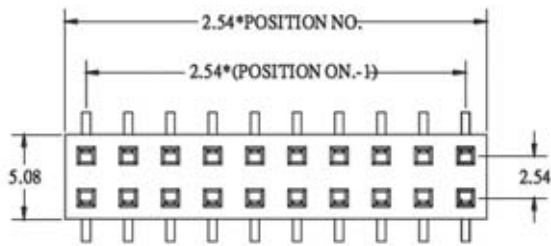
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER DOUBLE ROW DUAL ENTRY TYPE PROFILE=3.51MM



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

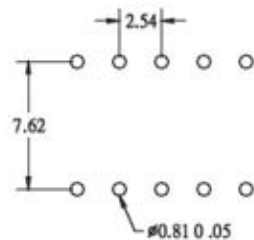
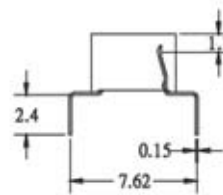
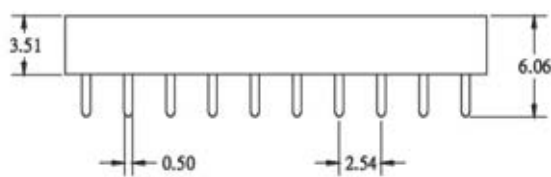
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 K 0 1 - x x x x B
1 2 3

1. CONTACT TYPE:
"K01" DUAL ENTRY DIP TYPE
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED

2.54MM(0.100") FEMALE HEADER BOTTOM CLOSE STRAIGHT DIP TYPE PROFILE=4.50MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

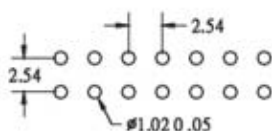
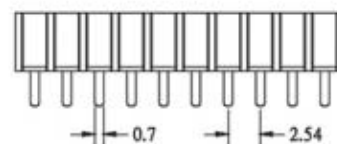
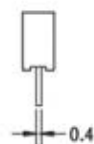
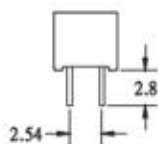
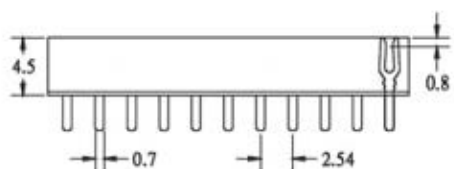
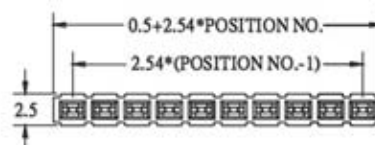
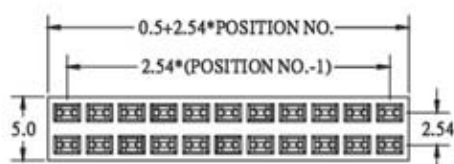
Operating Temperature: -40°C to +105°C

MATERIALS

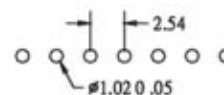
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 xx - xxx x B
 1 2 3

1. CONTACT TYPE:

"AE" SINGLE ROW

"AS" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 036 FOR SINGLE ROW

004 ~ 060 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS SINGLE ROW STRAIGHT DIP TYPE PROFILE=5.00MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

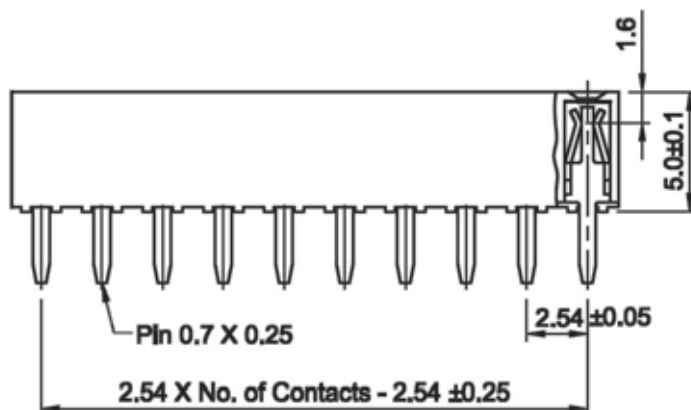
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 F P - x x x x B / 6 T
1 2 3 4

1. CONTACT TYPE OPTION:
"FP" SINGLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:
002~040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR MATERIAL:
"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS DOUBLE ROW STRAIGHT DIP TYPE PROFILE=5.00MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000M Ω Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20m Ω Max.

Operating Temperature: -40°C to +105°C

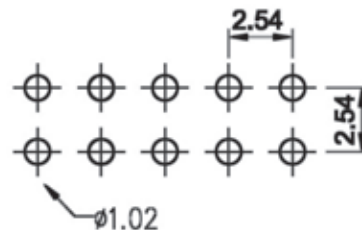
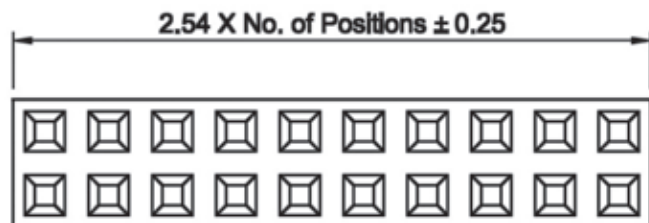
MATERIALS

Contact Material: Phosphor Bronze

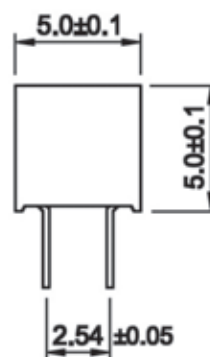
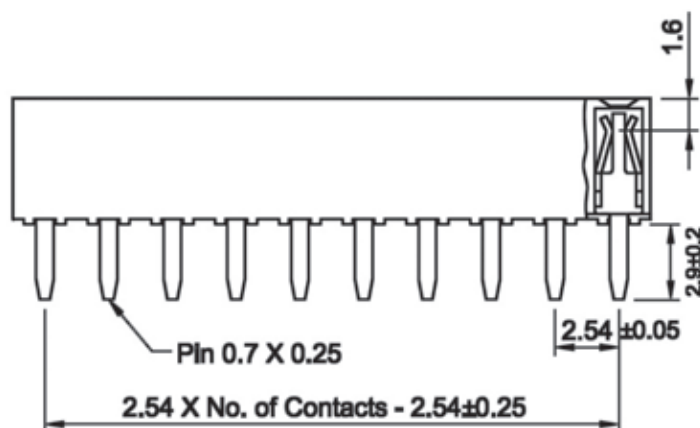
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout

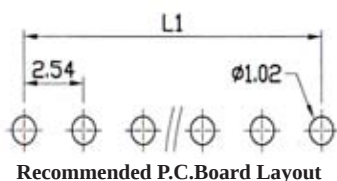
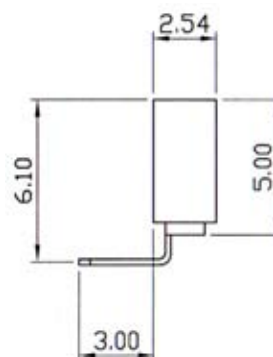
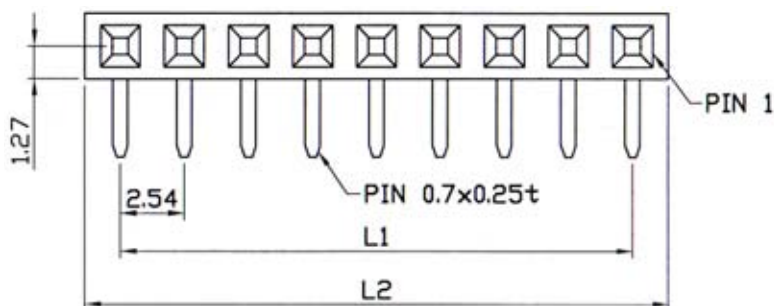


ORDERING INFORMATION:

P/N 2 5 4 F Q - x x x x B / 6 T

1. CONTACT TYPE OPTION:
"FQ" DOUBLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:
004~080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR MATERIAL:
"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=5.00MM



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts}-1)$

$L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 254 $\frac{FR}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / $\frac{6T}{4}$

1. CONNECTOR TYPE:
"FR" SINGLE ROW RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR MATERIAL:
"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=5.00MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

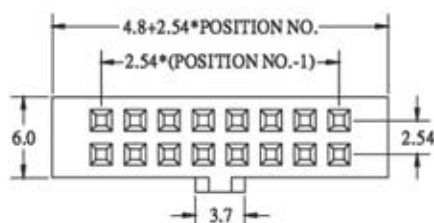
Operating Temperature: -40°C to +105°C

MATERIALS

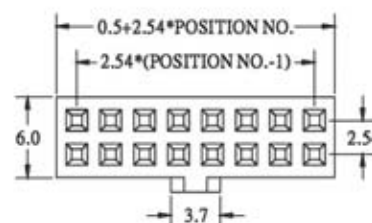
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

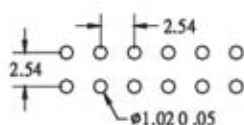
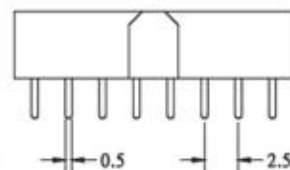
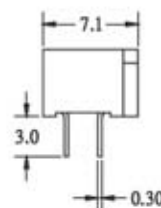
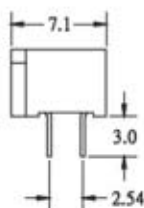
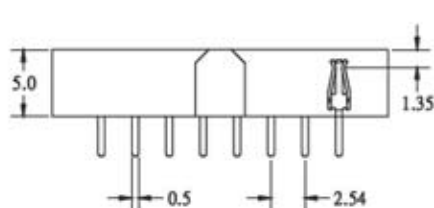
All materials must be RoHS compliant.



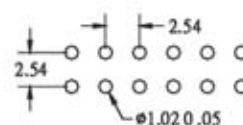
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 E xx - xxxx B / xx
1 2 3 4

1. INSULATOR TYPE:

"E79" TYPE A

"E80" TYPE B

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024

026, 030, 034, 040, 044, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM (0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY ONE SIDE TYPE PROFILE=5.00MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

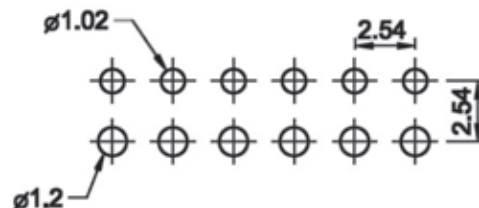
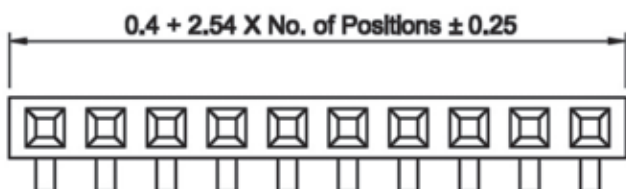
MATERIALS

Contact Material: Phosphor Bronze

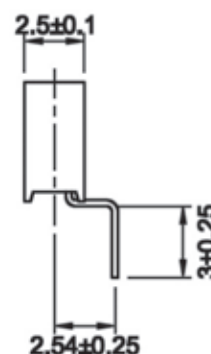
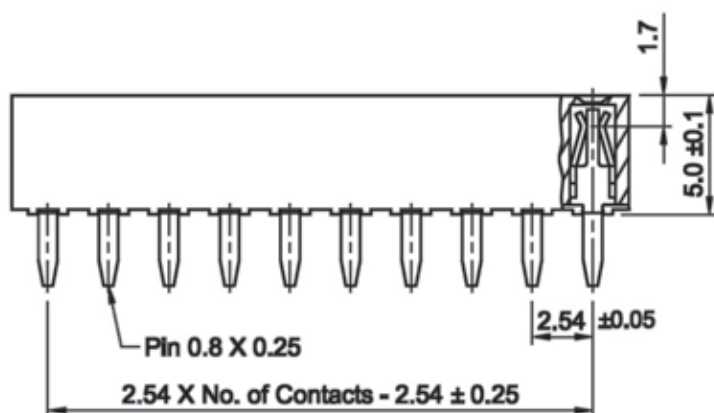
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 $\frac{FL}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. CONTACT TYPE:

"FL" ONE SIDE TYPE

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE OPTION:

"T" W/O PAD IN TUBE

2.54MM (0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=5.00MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

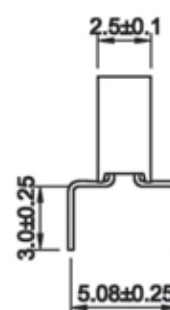
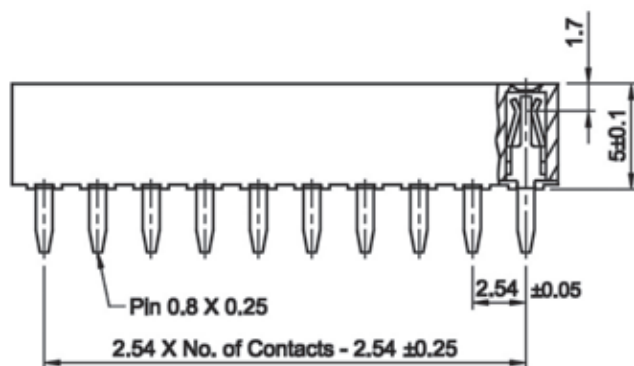
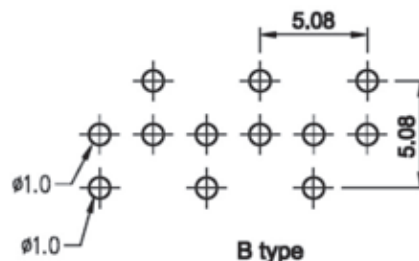
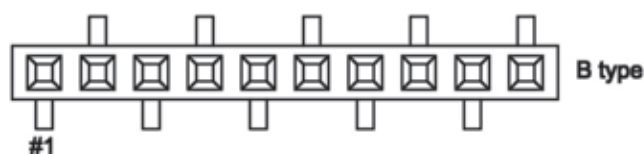
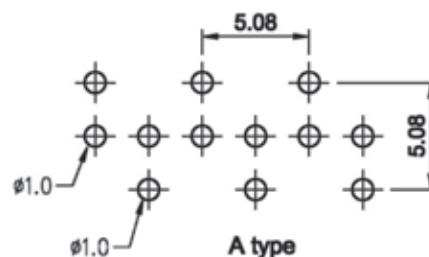
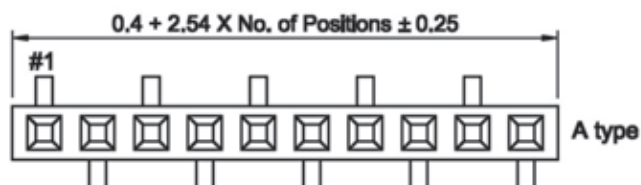
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

* RoHS & REACH compliant.

Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. CONTACT TYPE:

"FM" DOUBLE SIDE A TYPE

"FN" DOUBLE SIDE B TYPE

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE OPTION:

"T" W/O PAD IN TUBE

2.54MM(0.100") FEMALE HEADER DOUBLE ROW DUAL ENTRY TYPE PROFILE=5.00MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

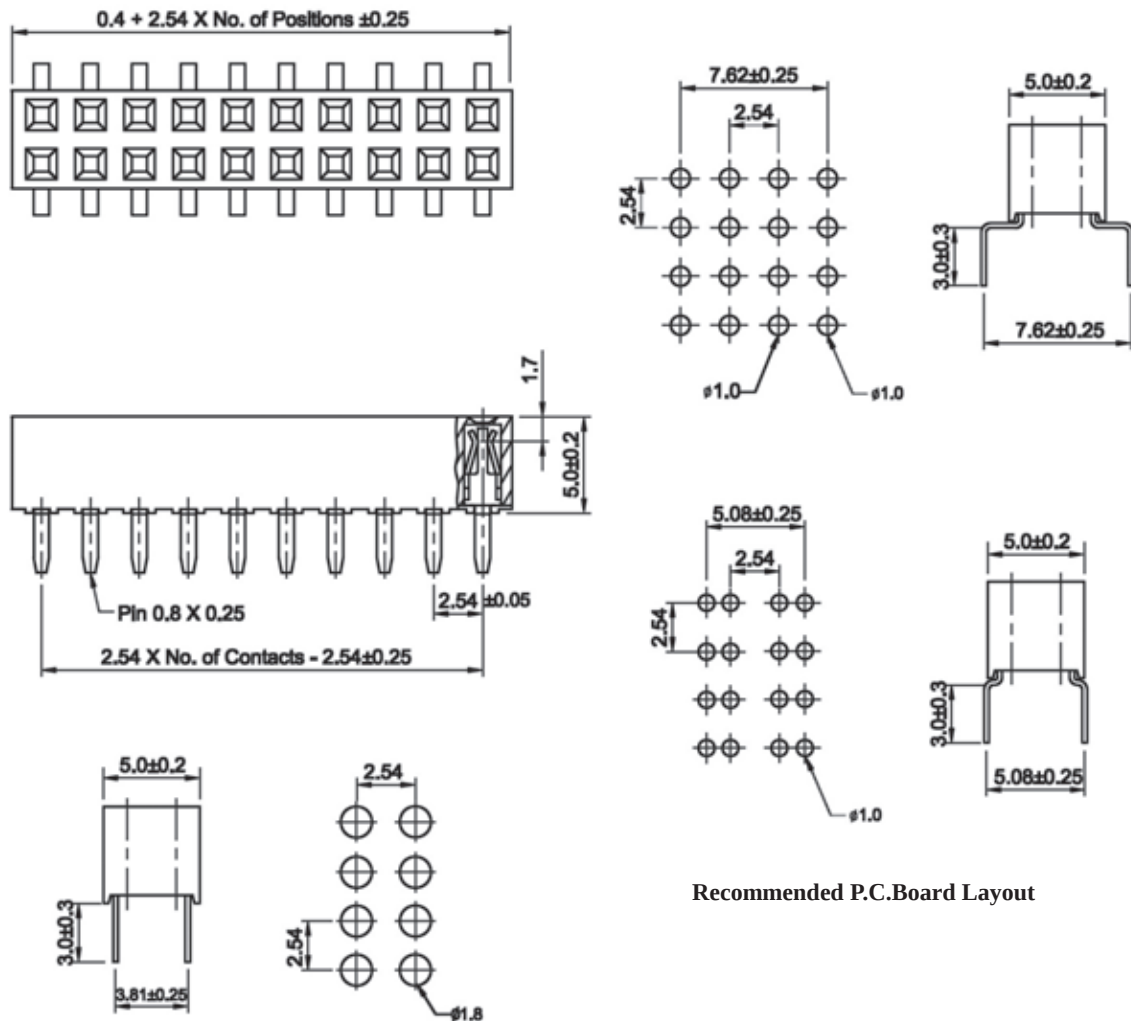
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1} - \frac{XXX}{2} \frac{X}{3} B - \frac{X}{4}$

1. PITCH OF DUAL ROW CONTACTS:

"TA" ROW PITCH = 3.81MM

"TB" ROW PITCH = 5.08MM

"TC" ROW PITCH = 7.62MM

2. NO. OF CONTACTS:

004~080

3. CONTACT FINISH:

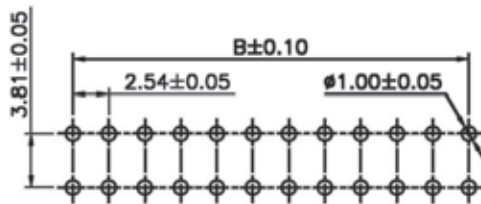
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE OPTION:

"T" W/O PAD IN TUBE

2.54MM(0.100") FEMALE HEADER DOUBLE ROW DUAL ENTRY DIP TYPE PROFILE=5.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 250V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

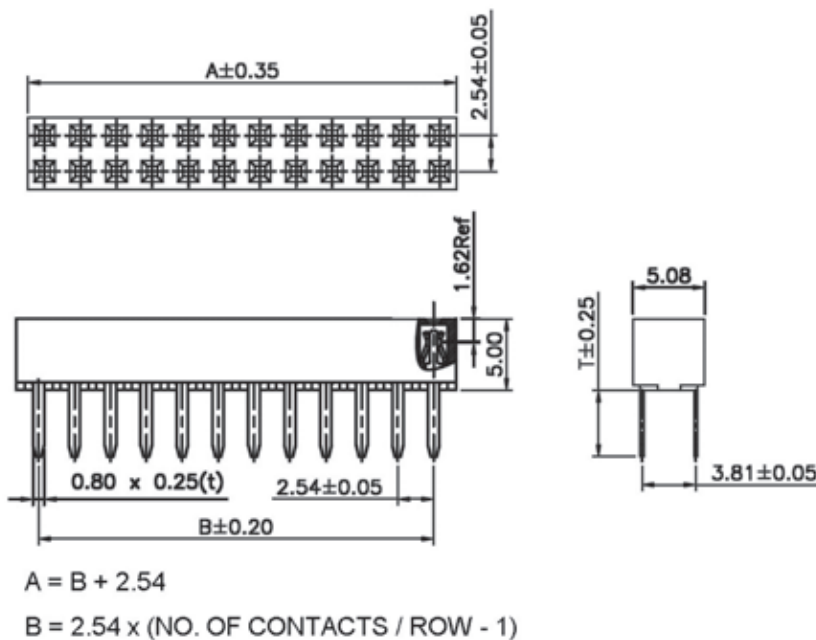
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 25 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. PIN LENGTH:

"K77" T=3.4MM

"K78" T=4.7MM

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

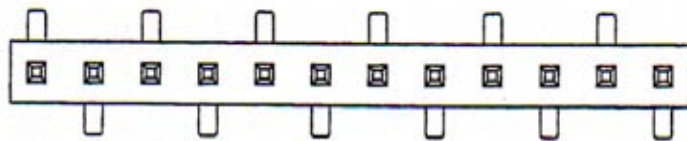
"T" FULL TIN PLATED

4. PACKAGE OPTION:

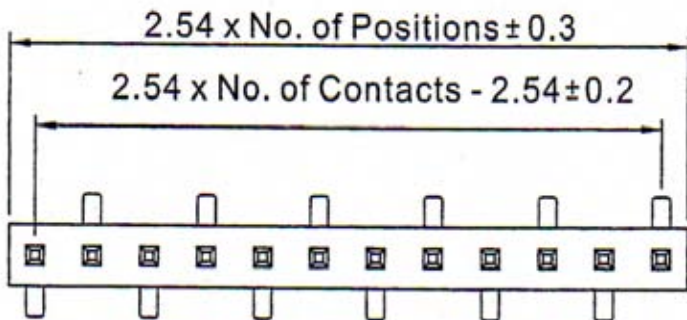
"T" W/O PAD IN TUBE

"0" IN TRAY

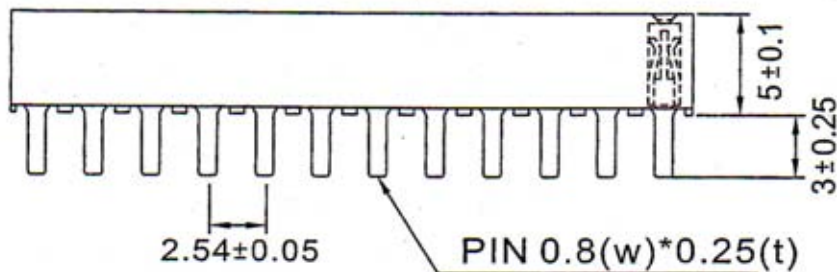
2.54MM(0.100") FEMALE HEADER BOTTOM ENTRY TYPE PROFILE=5.00MM



TYPE A



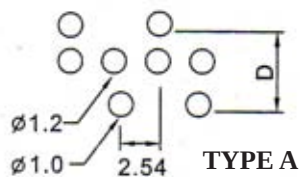
TYPE B



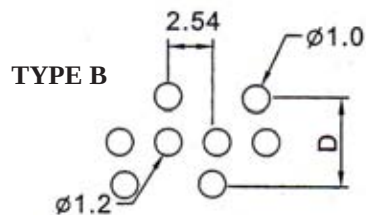
2.54±0.1



D=2.54±0.25



Recommended P.C.Board Layout



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 25 Fxx - xxx x B
1 2 3

1. PCB LAYOUT TYPE:

"F35" TYPE A

"F36" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=5.20MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

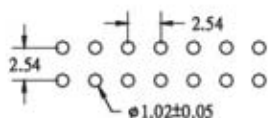
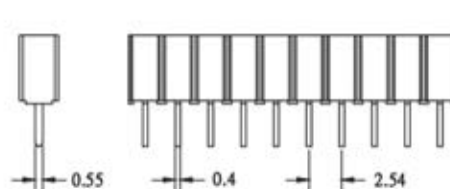
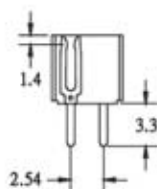
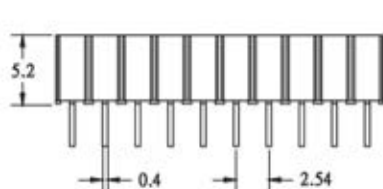
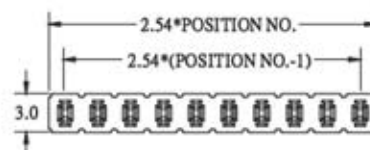
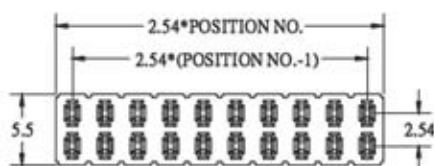
Operating Temperature: -40°C to +105°C

MATERIALS

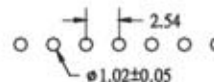
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 xx - xxx x B
1 2 3

1. CONTACT TYPE:

"AN" SINGLE ROW

"AP" DOUBLE ROW

2. NO. OF CONTACTS:

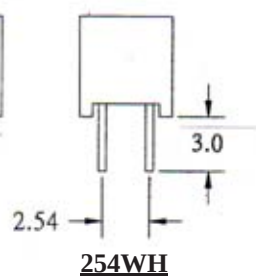
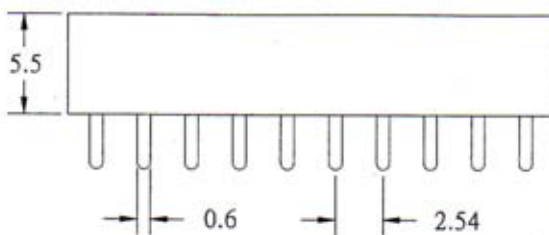
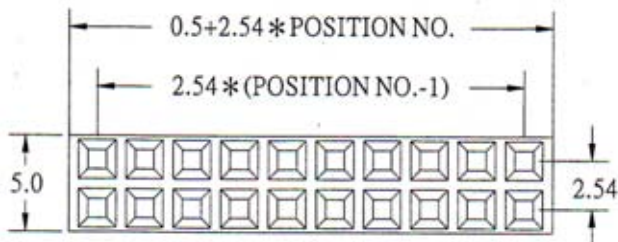
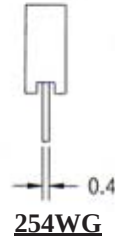
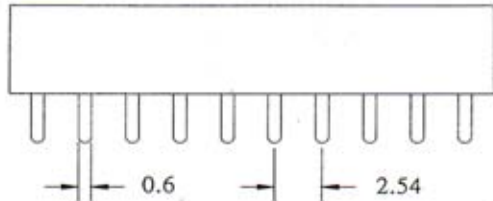
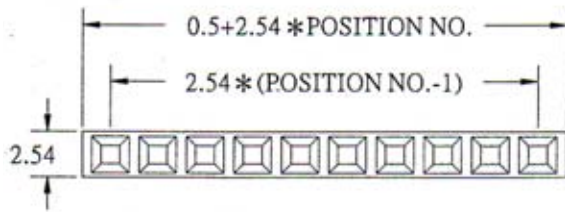
002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER STRAIGHT TYPE PROFILE=5.50MM



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

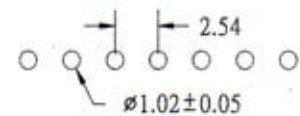
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
P.B.T

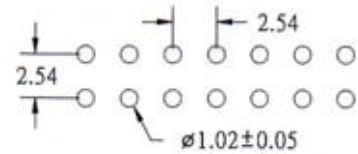
Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B

1. NO. OF ROWS:

"WG" SINGLE ROW

"WH" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=5.50MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

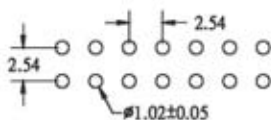
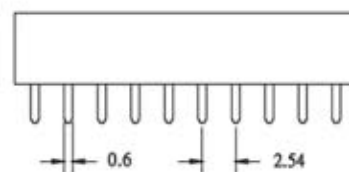
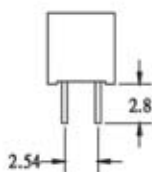
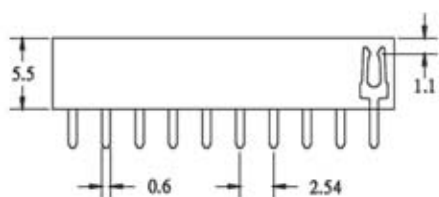
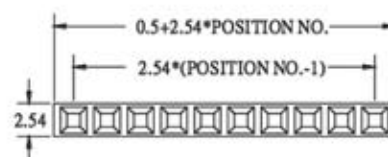
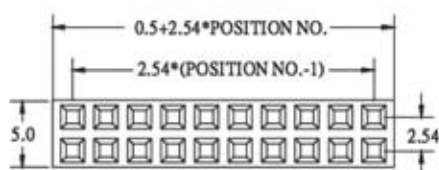
Operating Temperature: -40°C to +105°C

MATERIALS

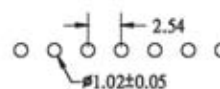
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 x x x - x x x x B
 1 2 3

1. CONTACT TYPE:

"K05" SINGLE ROW

"K06" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER RIGHT ANGLE TYPE PROFILE=5.50MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

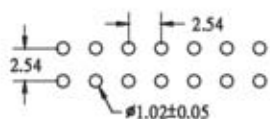
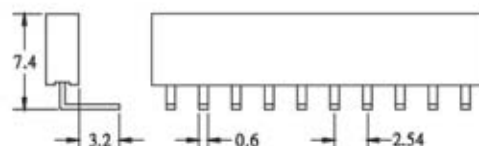
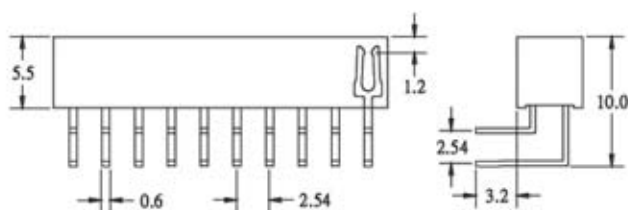
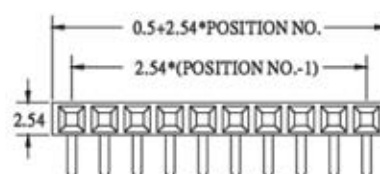
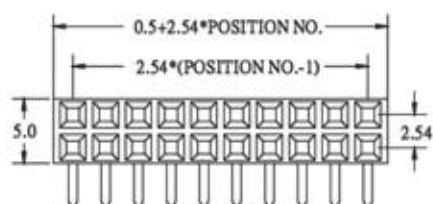
Operating Temperature: -40°C to +105°C

MATERIALS

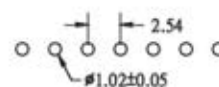
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxxx}{2}$ $\frac{x}{3}$ B

1. NO. OF ROWS:

"EV" SINGLE ROW

"EW" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM (0.100") FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=5.70MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

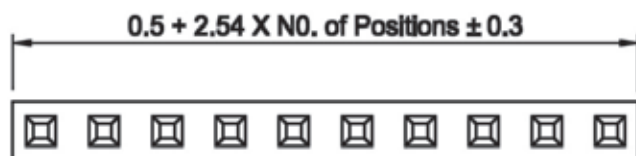
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

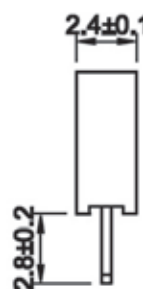
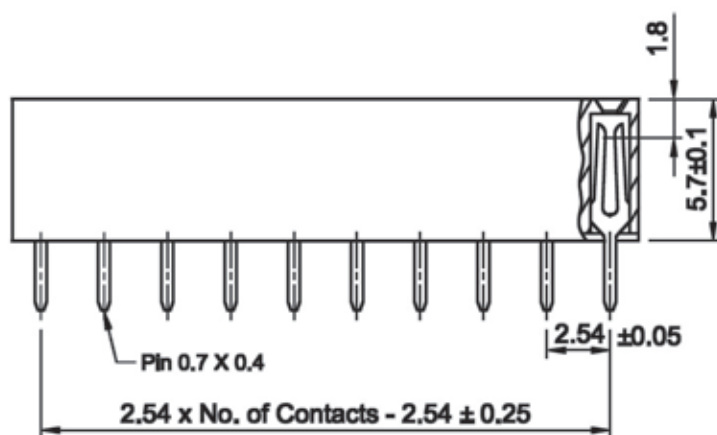
Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 F G - x x x x B / x x
1 2 3 4

1. LOCATING PEG OPTION:

"FG" SINGLE STRAIGHT TYPE

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM (0.100") FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=5.70MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

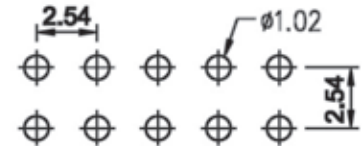
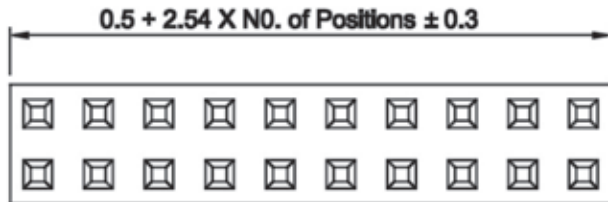
MATERIALS

Contact Material: Phosphor Bronze

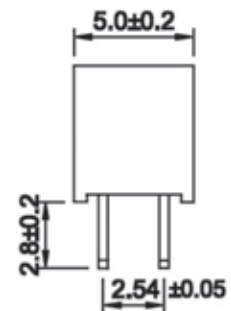
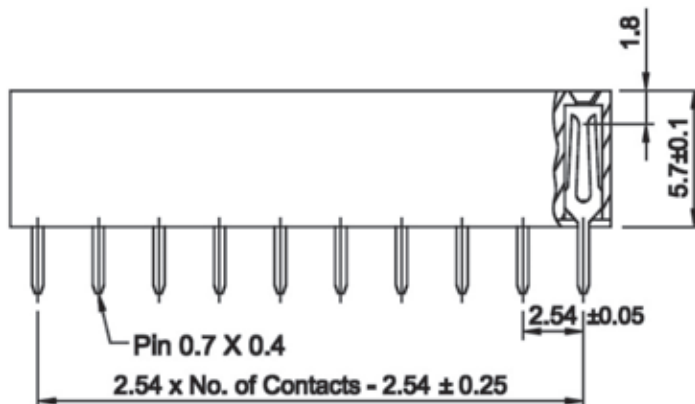
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 F H - x x x x B / x x
1 2 3 4

- CONTACT TYPE:
"FH" DOUBLE ROW STRAIGHT TYPE
- NO. OF CONTACTS:
004~080
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

- INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM (0.100") FEMALE HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=5.70MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

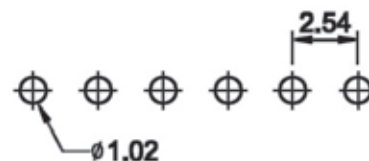
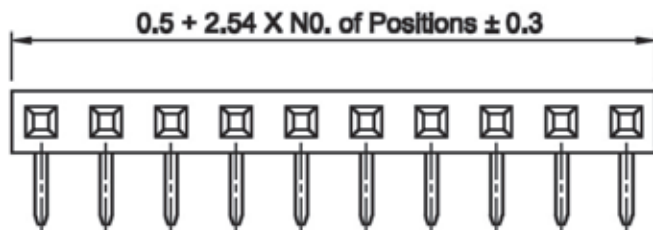
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

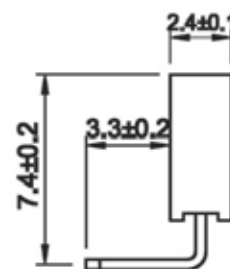
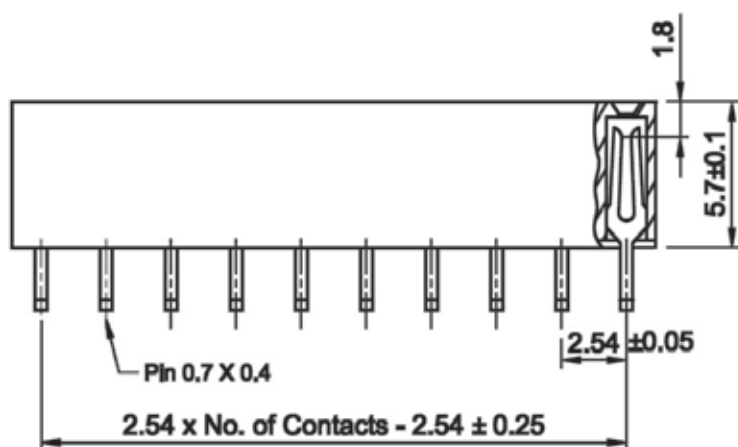
Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 F J - x x x x B / x x

1 2 3 4

1. CONTACT TYPE:
"FJ" SINGLE ROW R/A TYPE
2. NO. OF CONTACTS:
002~040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM (0.100") FEMALE HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE PROFILE=5.70MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

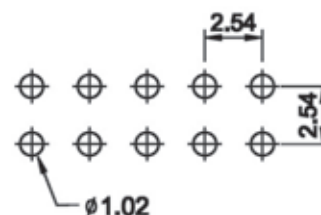
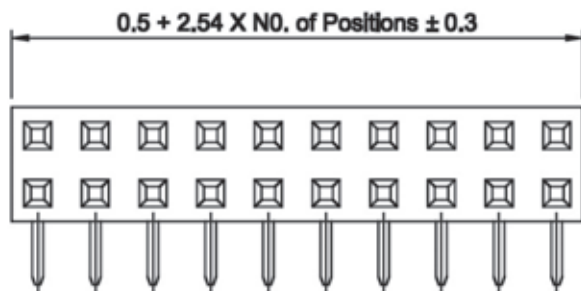
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

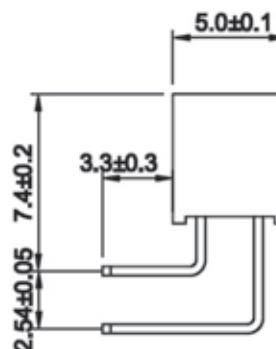
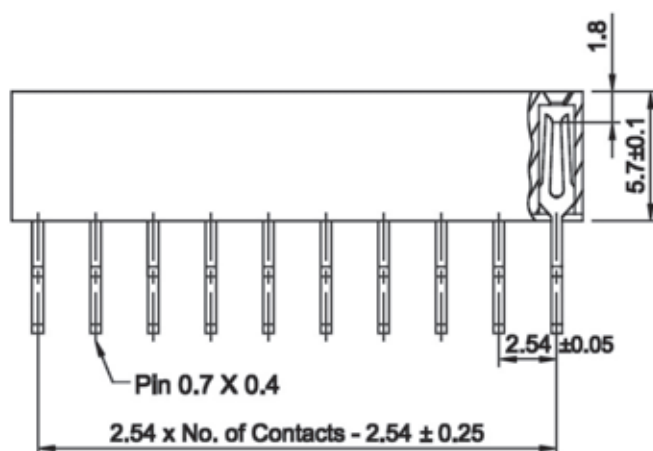
Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 F K - x x x x B / x x
1 2 3 4

1. CONTACT TYPE:

"FK" DOUBLE ROW R/A TYPE

2. NO. OF CONTACTS:

004~080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH DUAL BEAM FOLDED CONTACTS PROFILE=6.60MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

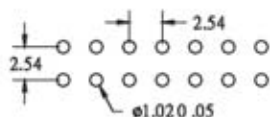
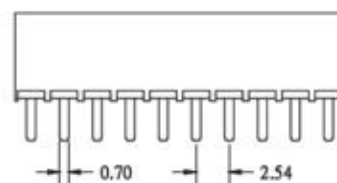
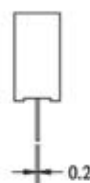
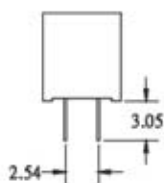
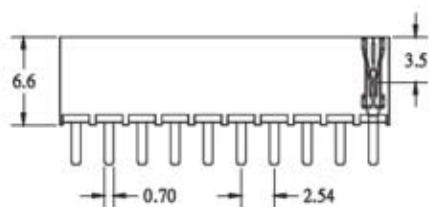
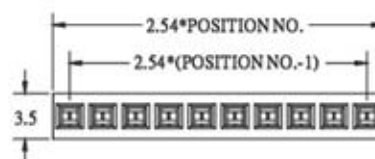
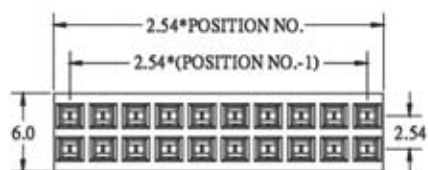
Operating Temperature: -40°C to +105°C

MATERIALS

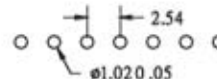
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 x x x - x x x x B
1 2 3

1. CONTACT TYPE:

"K09" SINGLE ROW

"K10" DOUBLE ROW

2. NO. OF CONTACTS:

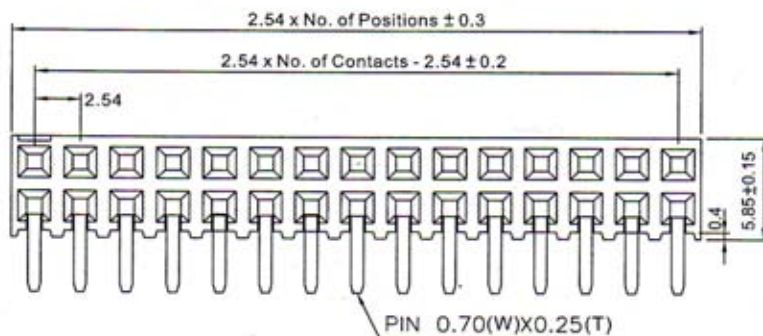
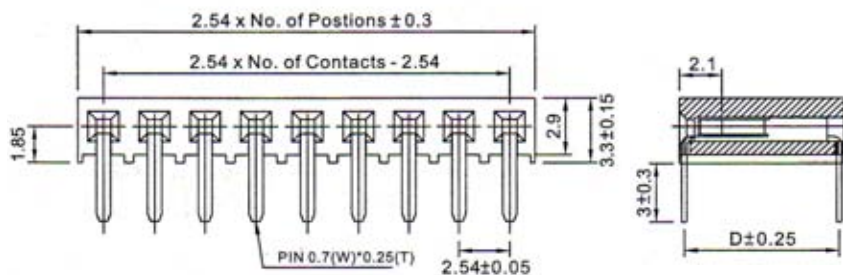
002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") FEMALE HEADER SIDE ENTRY DIP TYPE



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

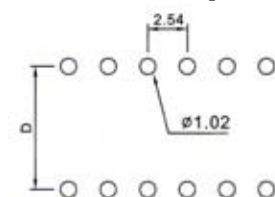
Insulation Material: Polyester, UL 94V-0

P.B.T or Nylon 6T

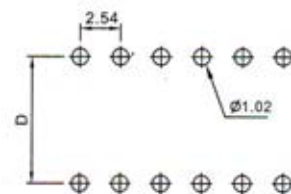
Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

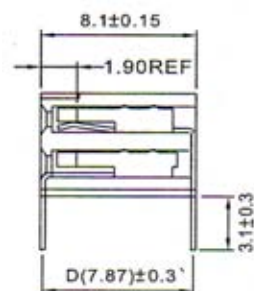
All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B / $\frac{x}{4}$

1. CONNECTOR TYPE:

"FS" SINGLE ROW 7.87MM DIP TYPE

"ZC" SINGLE ROW 7.62MM DIP TYPE

"FT" DOUBLE ROW 7.87MM DIP TYPE

"ZD" DOUBLE ROW 7.62MM DIP TYPE

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SIDE ENTRY DIP TYPE

SPECIFICATIONS

Rating Current: 3 Amperes Max

Insulation Resistance: 1000M Ω Min.

Dielectric Withstanding: 1000V AC

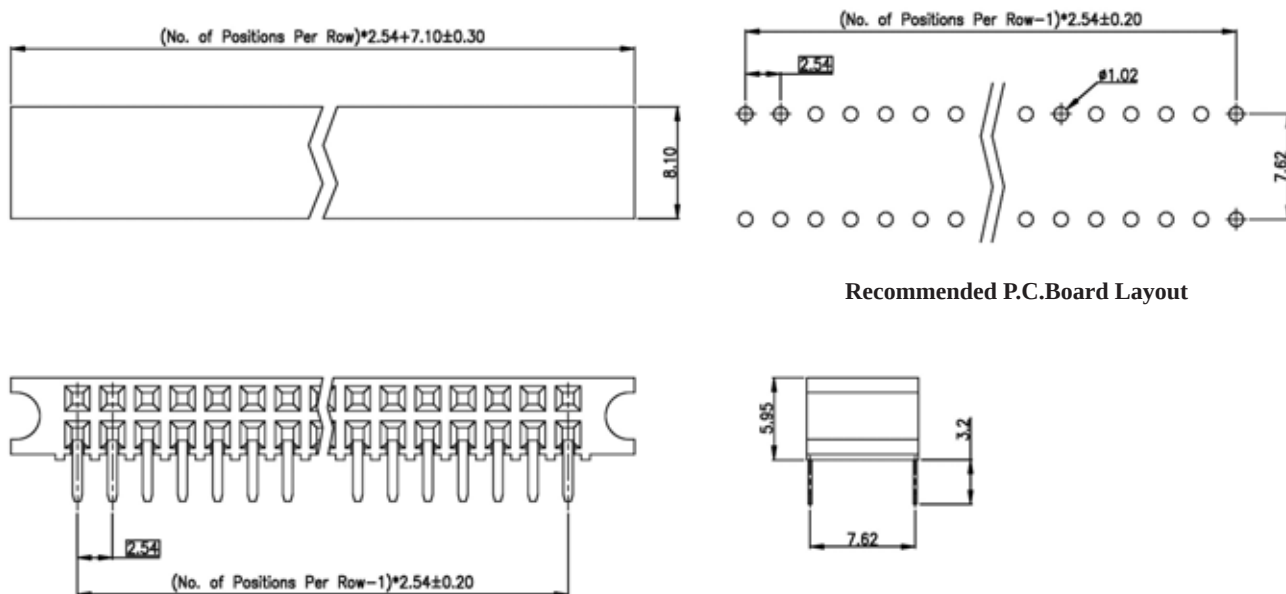
Operating Temperature: -55°C to +105°C

MATERIALS

Housing: Thermoplastic (UL 94V-0), Black

Terminal: Sq. 0.64mm Copper Alloy, Gold Plating

* RoHS & REACH compliant.

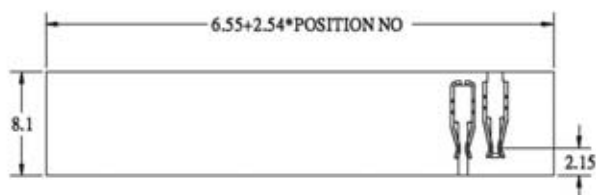


ORDERING INFORMATION:

P/N 2 5 H 5 8 - x x x G B
1 2 3

1. CONTACT TYPE:
"H58" SIDE ENTRY TYPE
2. NO. OF CONTACTS:
004~080
3. CONTACT FINISH:
"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER WITH GUIDE SLOT SIDE ENTRY TYPE PROFILE=6.05MM



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

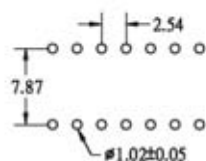
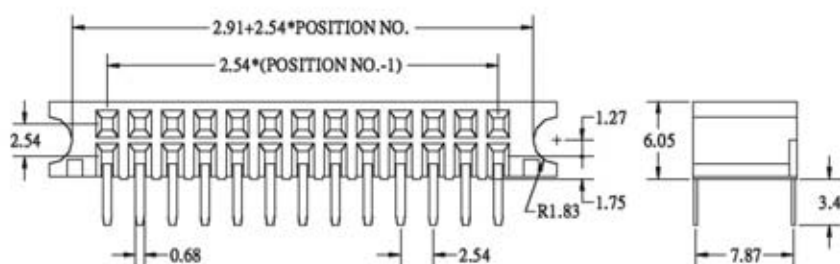
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: LCP, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



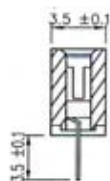
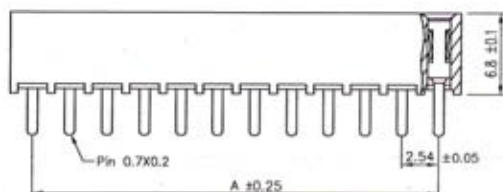
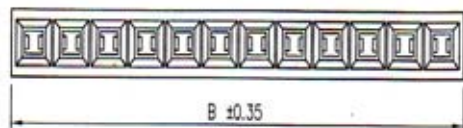
Recommended P.C.Board Layout

ORDERING INFORMATION:

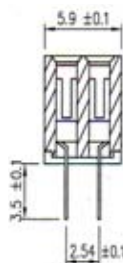
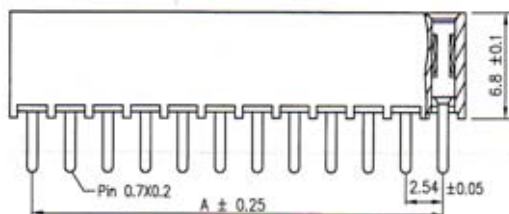
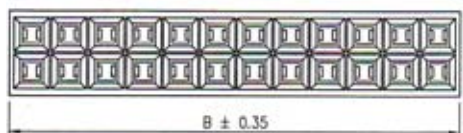
P/N 2 5 K 0 7 - x x x x B
1 2 3

1. CONTACT TYPE:
"K07" SIDE ENTRY DIP TYPE
2. NO. OF CONTACTS:
004 ~ 100
3. CONTACT FINISH:
"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS PROFILE=6.80MM



254KV



254KW

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

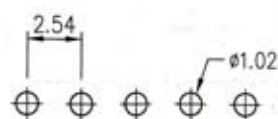
Insulation Material: Polyester, UL 94V-0

P.B.T or Nylon-6T

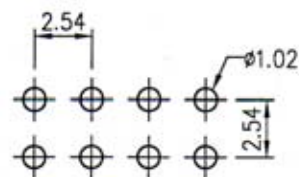
Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



SINGLE ROW



DOUBLE ROW

Recommended P.C.Board Layout

DIMENSIONS:

A = 2.54 x (No. of Contacts-1)

B = 0.5 + 2.54 x No. of Positions / Row

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1} x - \frac{x}{2} x x \frac{x}{3} B / \frac{x}{4} x$

1. CONNECTOR TYPE:

"KV" SINGLE ROW

"KW" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

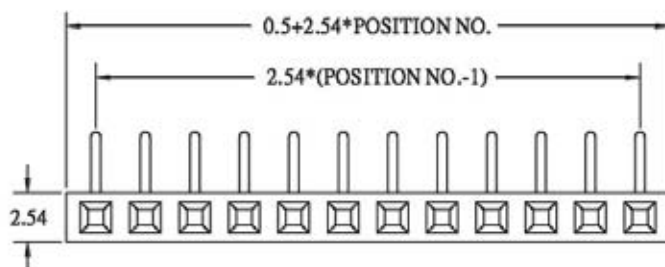
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=7.00MM



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

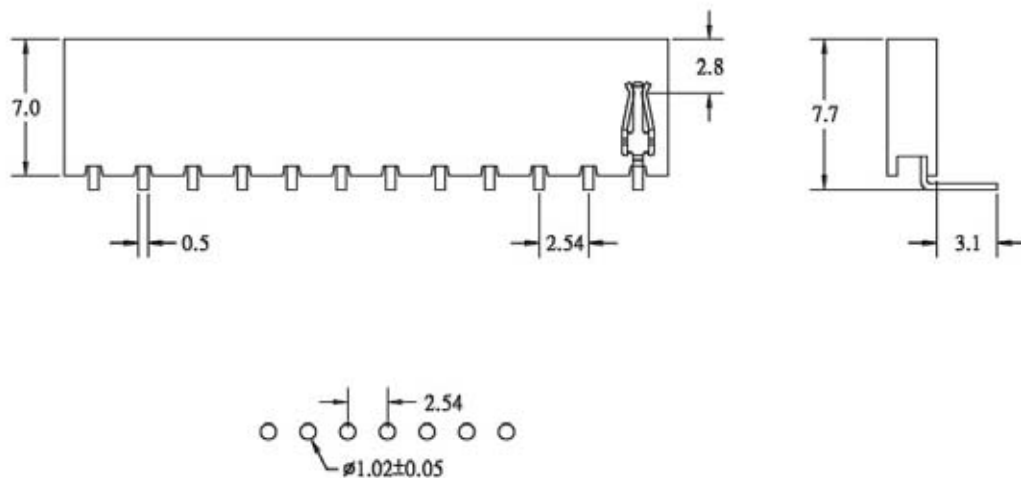
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 K11 - x₁ x₂ x₃ B

1. CONTACT TYPE:
"K11" RIGHT ANGLE DIP TYPE
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=7.00MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

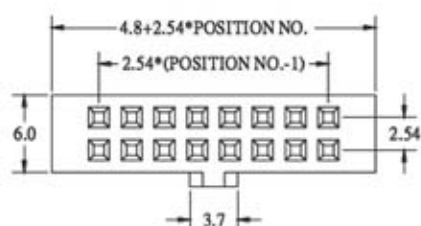
Operating Temperature: -40°C to +105°C

MATERIALS

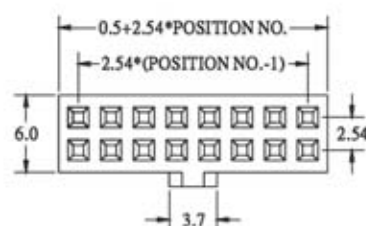
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

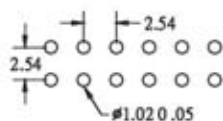
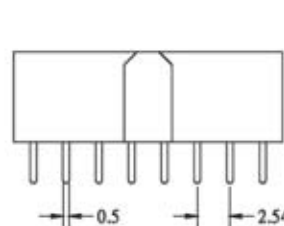
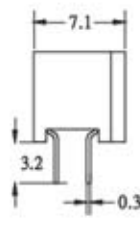
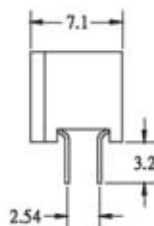
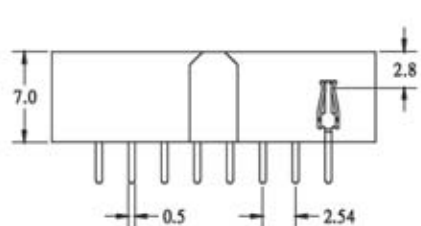
All materials must be RoHS compliant.



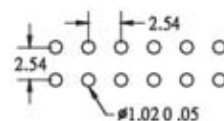
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 E xx - xxxx B / xx

1. INSULATOR TYPE:

"E81" TYPE A

"E82" TYPE B

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024

026, 030, 034, 040, 044, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

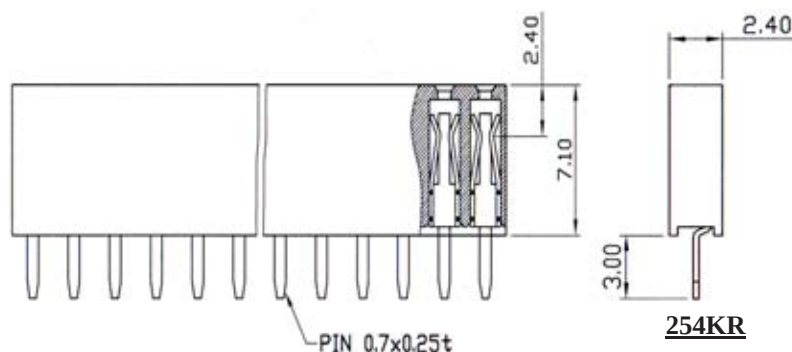
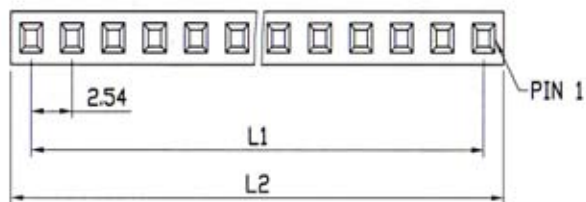
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS PROFILE=7.10MM

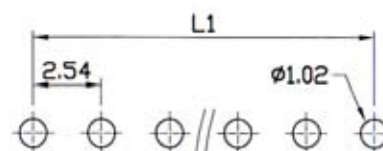


SPECIFICATIONS

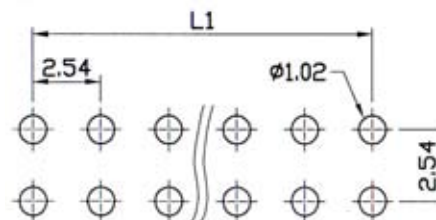
Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
 All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

DIMENSIONS:

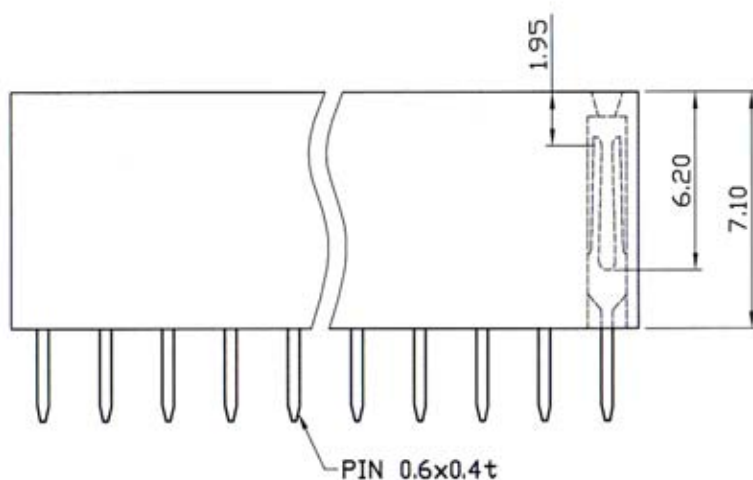
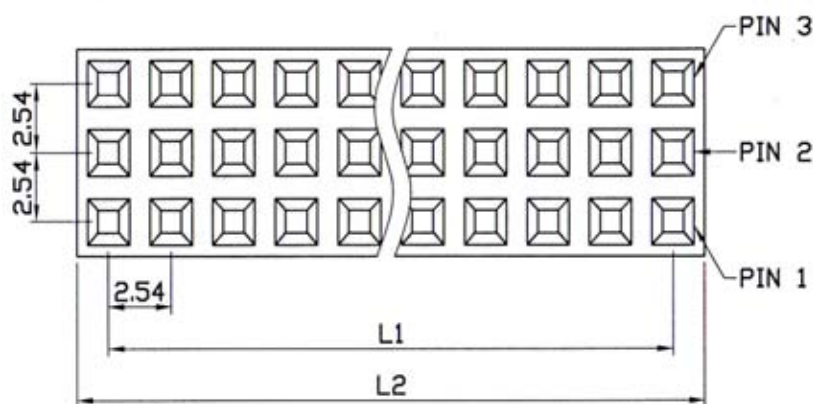
$L1 = 2.54 \times (\text{No. of Contacts}-1)$
 $L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B

1. NO. OF ROWS:
 "KR" SINGLE ROW
 "KQ" DOUBLE ROW DIP=3.00MM
 "LY" DOUBLE ROW DIP=2.00MM
2. NO. OF CONTACTS:
 002 ~ 040 FOR SINGLE ROW
 004 ~ 080 FOR DOUBLE ROW
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER TRIPLE ROW STRAIGHT TYPE PROFILE=7.10MM

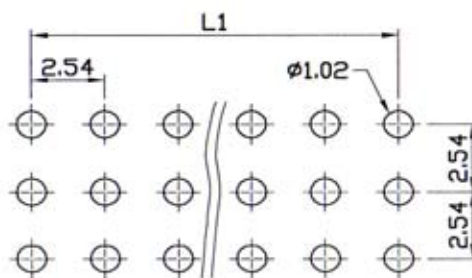
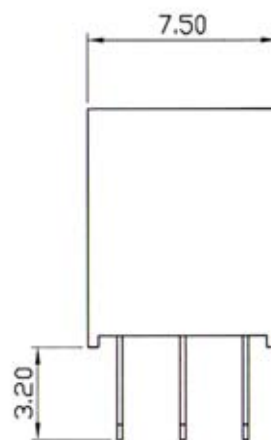


SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
P.B.T or Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts} - 1)$
 $L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 2 5 $\frac{F_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B / \frac{xx}{4}$

- CONNECTOR TYPE:
"F27" TRIPLE ROW STRAIGHT TYPE
- NO. OF CONTACTS:
009 ~ 096
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

- INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM (0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=7.10MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

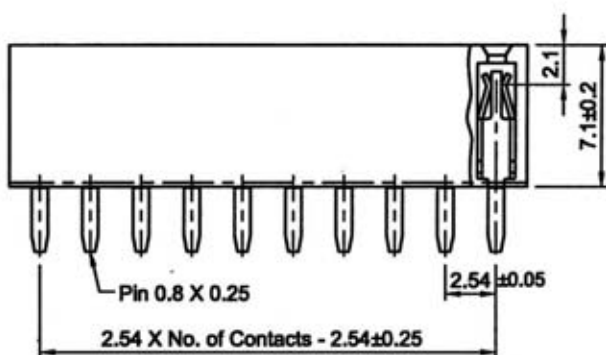
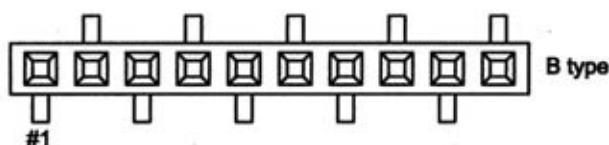
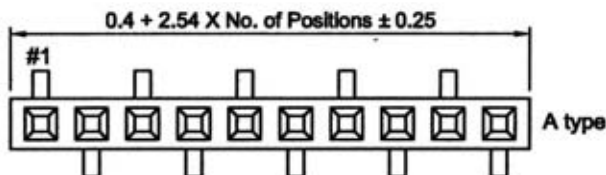
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

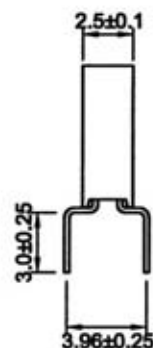
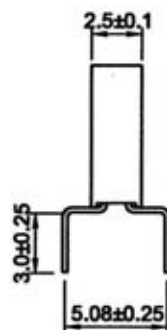
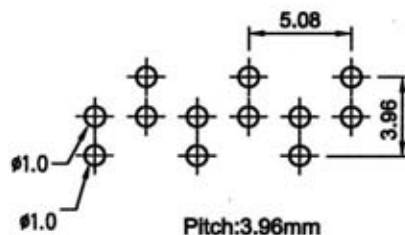
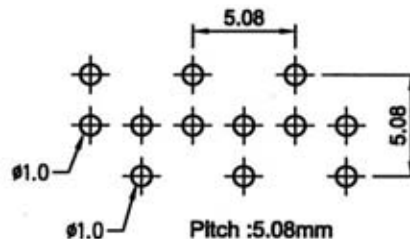
Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 $\frac{\text{XXX}}{1}$ - $\frac{\text{XXX}}{2}$ $\frac{\text{X}}{3}$ B - $\frac{\text{T}}{4}$

1. CONTACT TYPE:

"H45" D=3.96MM A TYPE

"H46" D=3.96MM B TYPE

"H47" D=5.08MM A TYPE

"H48" D=5.08MM B TYPE

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

"T" W/O PAD IN TUBE

2.54MM (0.100") FEMALE HEADER DOUBLE ROW DUAL ENTRY TYPE PROFILE=7.10MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

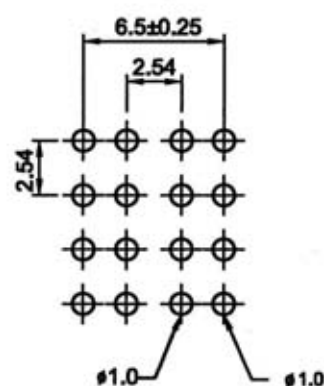
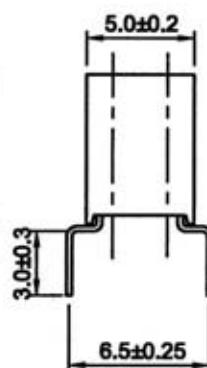
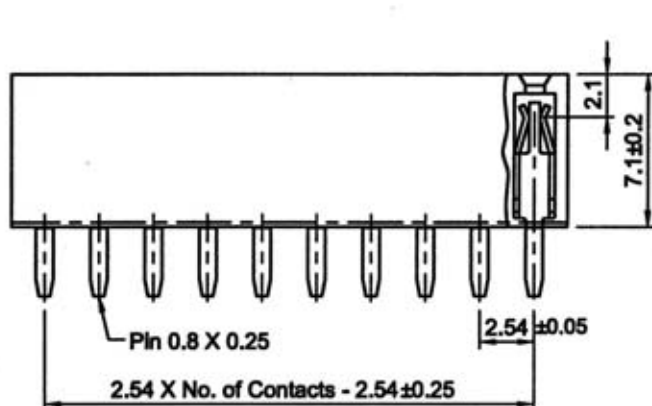
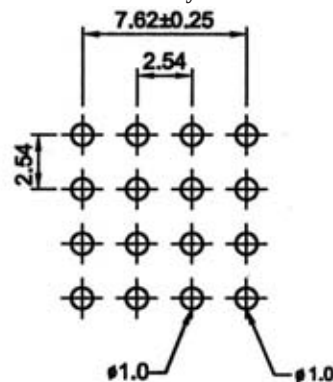
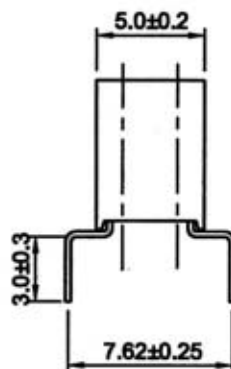
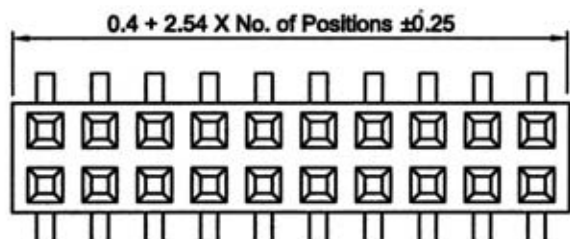
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.

Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 $\frac{\text{xxx}}{1}$ - $\frac{\text{xxx}}{2}$ $\frac{\text{x}}{3}$ B - $\frac{\text{x}}{4}$

1. CONTACT TYPE:

"H49" D=6.50MM

"H50" D=7.62MM

2. NO. OF CONTACTS:

006~080

3. CONTACT FINISH:

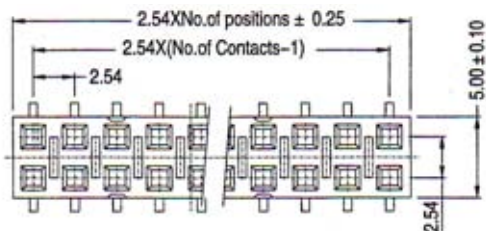
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

"T" W/O PAD IN TUBE

2.54MM(0.100") FEMALE HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=7.30MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

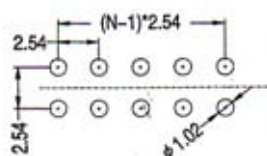
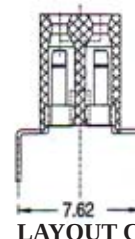
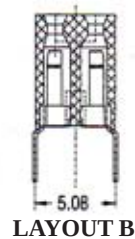
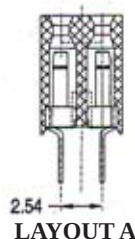
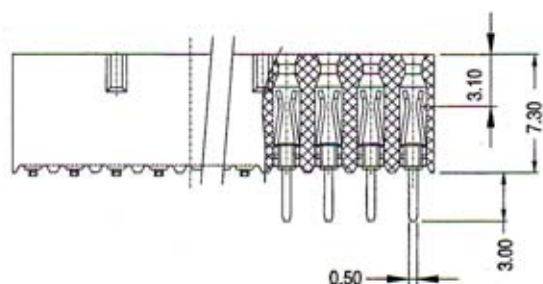
Operating Temperature: -40°C to + 105°C

MATERIALS

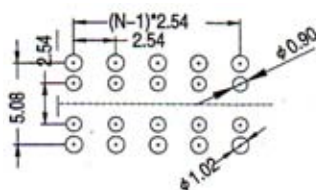
Insulation Material: LCP, UL94V-0

Contact Material: Phosphor Bronze

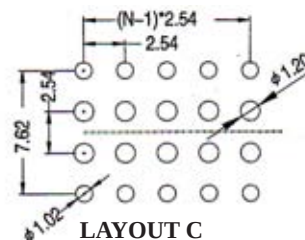
All materials must be RoHS compliant.



LAYOUT A
Recommended P.C.Board Layout



LAYOUT B
Recommended P.C.Board Layout



LAYOUT C
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B

1. LAYOUT TYPE:
"ZE" LAYOUT A
"ZF" LAYOUT B
"ZG" LAYOUT C
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER STRAIGHT DIP TYPE WITH SQUARE TAIL PROFILE=8.40MM

PIN LENGTH	DOUBLE ROW	SINGLE ROW
3.30	25E30	25E27
5.65	25E31	25E28
10.70	25E32	25E29

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

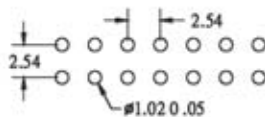
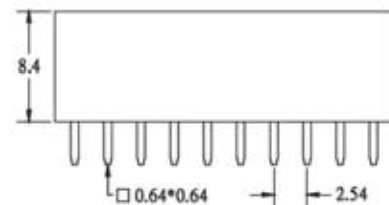
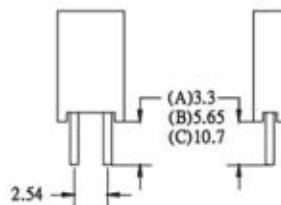
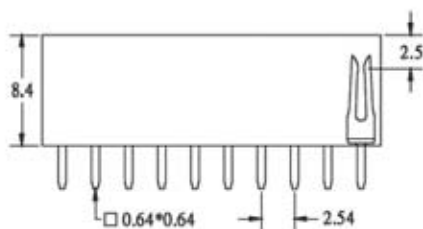
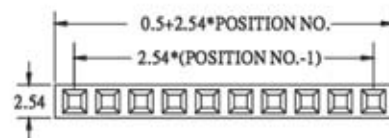
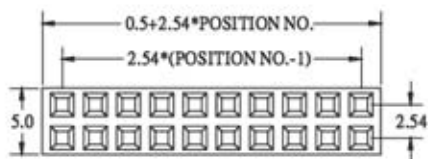
Operating Temperature: -40°C to +105°C

MATERIALS

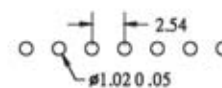
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B
 1 2 3

1. CONTACT TYPE:

E27, E28, E29, E30, E31, E32

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=8.40MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

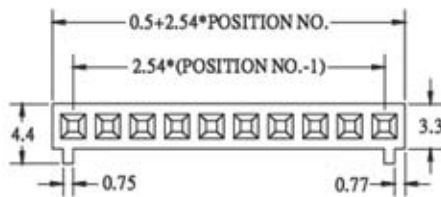
Operating Temperature: -40°C to +105°C

MATERIALS

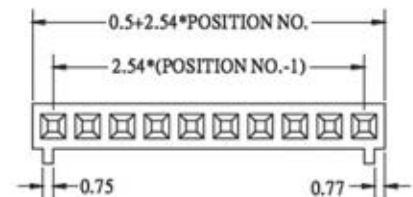
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

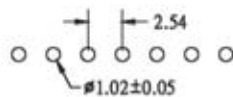
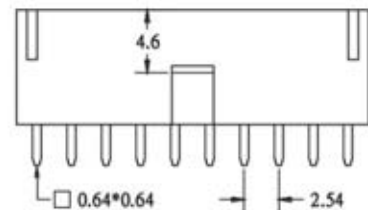
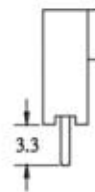
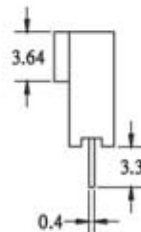
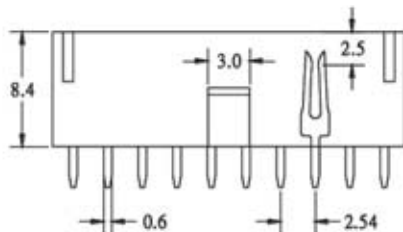
All materials must be RoHS compliant.



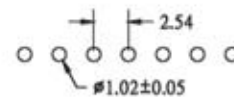
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 xxx - xxx x B
 1 2 3

1. CONTACT TYPE:

"K13" TYPE A (0.60 x 0.40MM)

"K14" TYPE B (0.64 x 0.64MM)

2. NO. OF CONTACTS:

004 ~ 024

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=8.40MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

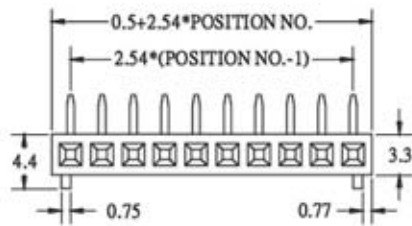
Operating Temperature: -40°C to +105°C

MATERIALS

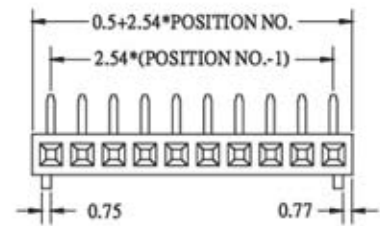
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

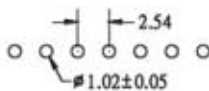
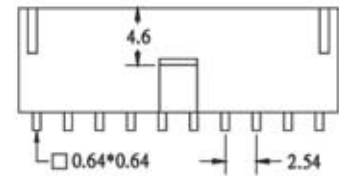
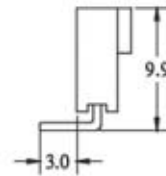
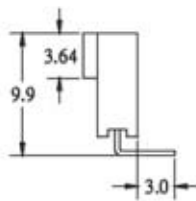
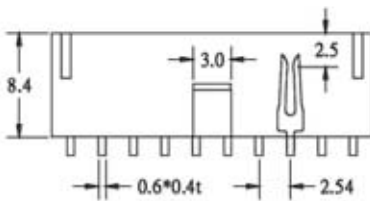
All materials must be RoHS compliant.



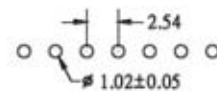
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B
1 2 3

1. CONTACT TYPE:

"K15" TYPE A (0.60 x 0.40MM)

"K16" TYPE B (0.64 x 0.64MM)

2. NO. OF CONTACTS:

004 ~ 024

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP STRAIGHT DIP TYPE PROFILE=8.40MM

PIN LENGTH	TYPE A	TYPE B
3.30	K23	K26
5.65	K24	K27
10.70	K25	K28

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

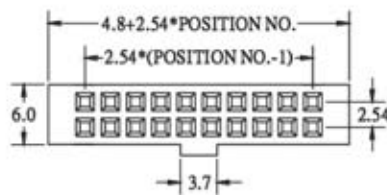
Operating Temperature: -40°C to +105°C

MATERIALS

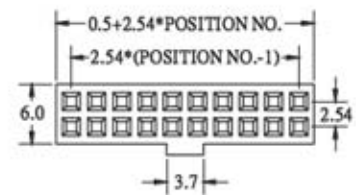
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

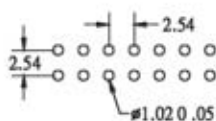
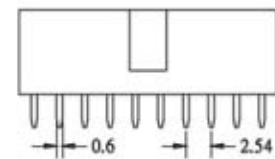
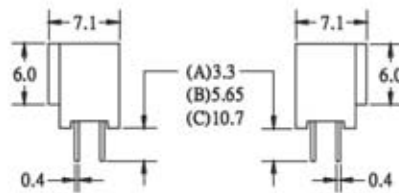
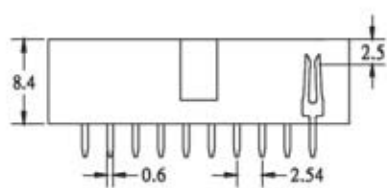
All materials must be RoHS compliant.



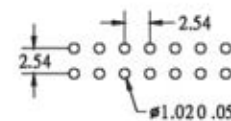
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 xxx - xxx x B
 1 2 3

- CONTACT TYPE:
K23, K24, K25, K26, K27, K28
- NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024,
026, 030, 034, 040, 044, 050, 060, 064
- CONTACT FINISH:
"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP & SQUARE TAIL STRAIGHT DIP TYPE PROFILE=8.40MM

PIN LENGTH	TYPE A	TYPE B
3.30	K29	K32
5.65	K30	K33
10.70	K31	K34

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

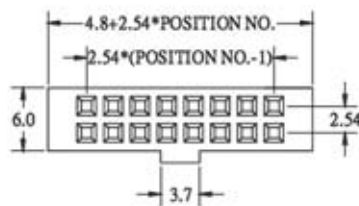
Operating Temperature: -40°C to +105°C

MATERIALS

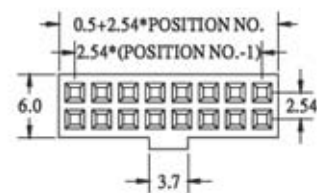
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

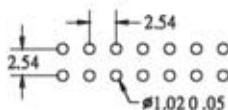
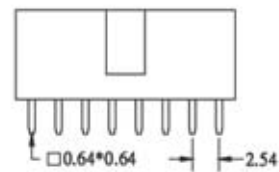
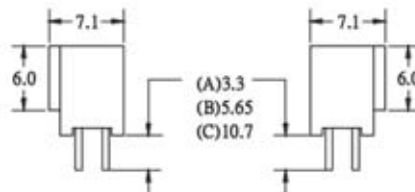
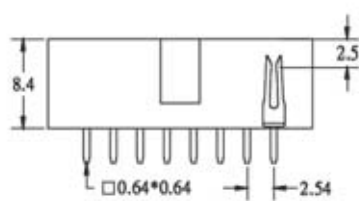
All materials must be RoHS compliant.



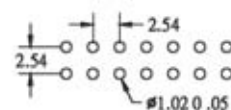
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 xxx - xxx x B
1 2 3

- CONTACT TYPE:
K29, K30, K31, K32, K33, K34
- NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024,
026, 030, 034, 040, 044, 050, 060, 064
- CONTACT FINISH:
"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP RIGHT ANGLE TYPE PROFILE=8.40MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

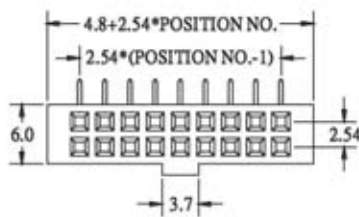
Operating Temperature: -40°C to +105°C

MATERIALS

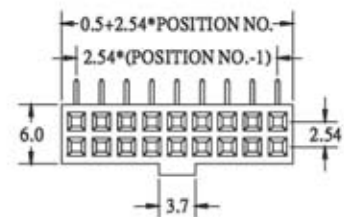
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

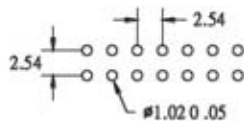
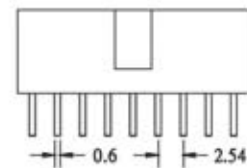
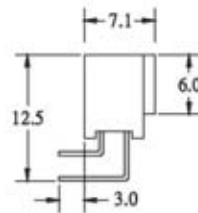
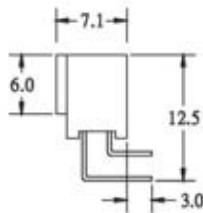
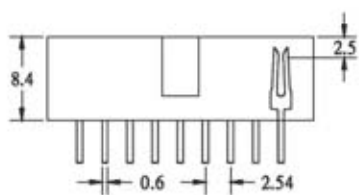
All materials must be RoHS compliant.



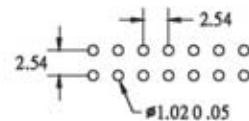
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B
1 2 3

1. CONTACT TYPE:

"K17" TYPE A

"K18" TYPE B

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024,

026, 030, 034, 040, 044, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER TRIPLE ROW STRAIGHT DIP TYPE PROFILE=8.40MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

Operating Temperature: -40°C to +105°C

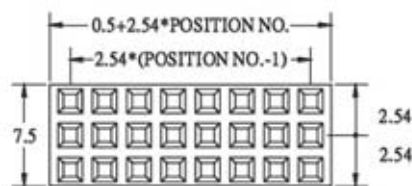
MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

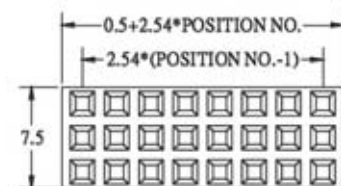
Contacts: Phosphor Bronze

All materials must be RoHS compliant.

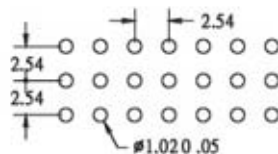
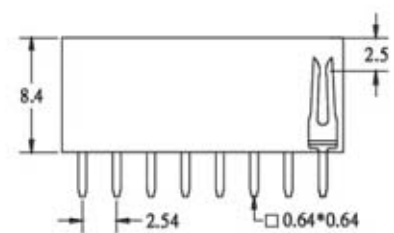
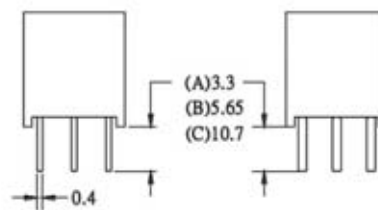
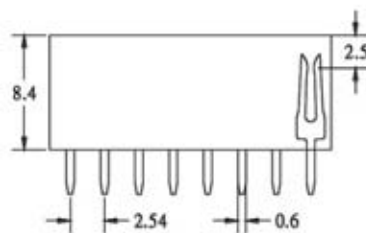
PIN LENGTH	TYPE A	TYPE B
3.30	K41	K44
5.65	K42	K45
10.70	K43	K46



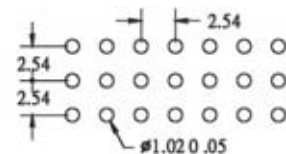
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 xxx - xxx x B
 1 2 3

1. CONTACT TYPE:

TYPE A (0.60 x 0.40MM): K41, K42, K43

TYPE B (0.64 x 0.64MM): K44, K45, K46

2. NO. OF CONTACTS:

009 ~ 120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER WITH SQUARE TAIL STRAIGHT DIP TYPE PROFILE=8.40MM

X	Y	DOUBLE ROW	SINGLE ROW
10.94	3.10	K38	K35
13.48	5.65	K39	K36
16.02	3.10	K40	K37

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

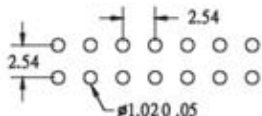
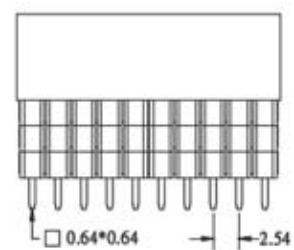
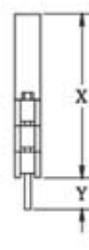
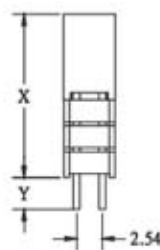
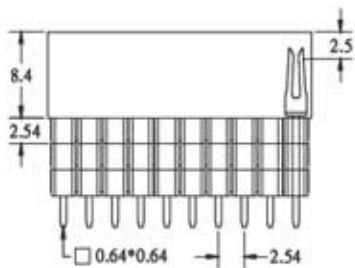
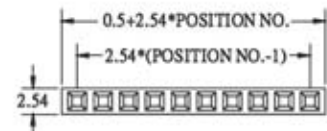
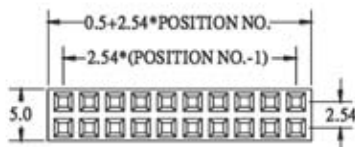
Operating Temperature: -40°C to +105°C

MATERIALS

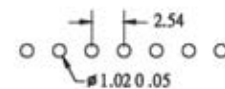
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B
1 2 3

- CONTACT TYPE:
K35, K36, K37, K38, K39, K40
- NO. OF CONTACTS:
002 ~ 040 FOR SINGLE ROW
004 ~ 080 FOR DOUBLE ROW
- CONTACT FINISH:
"G" FULL GOLD PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER TRIPLE ROW STRAIGHT DIP TYPE PROFILE=8.40MM

X	Y	TYPE A	TYPE B
10.94	3.10	K47	K50
13.48	5.65	K48	K51
16.02	3.10	K49	K52

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

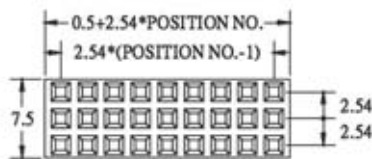
Operating Temperature: -40°C to +105°C

MATERIALS

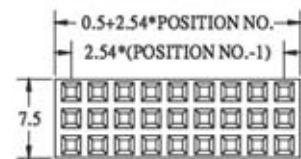
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

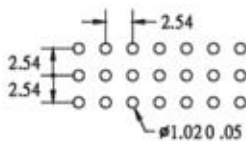
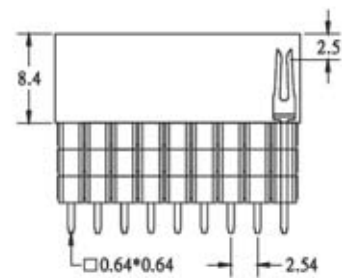
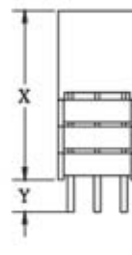
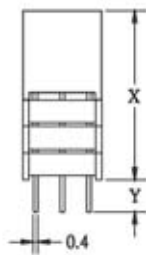
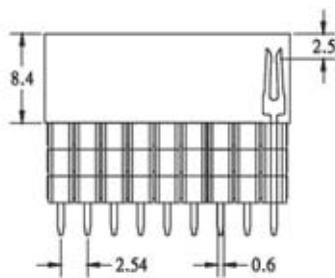
All materials must be RoHS compliant.



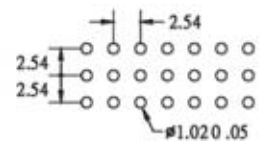
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B
1 2 3

1. CONTACT TYPE:

TYPE A (0.60 x 0.40MM): K47, K48, K49

TYPE B (0.64 x 0.64MM): K50, K51, K52

2. NO. OF CONTACTS:

009 ~ 120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE WITH POLARIZATION BUMP & SQUARE TAIL PROFILE=8.40MM

X	Y	TYPE A	TYPE B
10.94	3.10	25E39	25E42
13.48	5.65	25E40	25E43
16.02	3.10	25E41	25E44

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

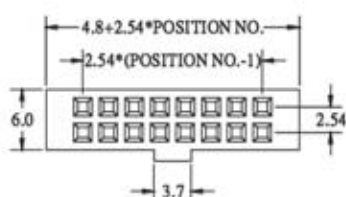
Operating Temperature: -40°C to +105°C

MATERIALS

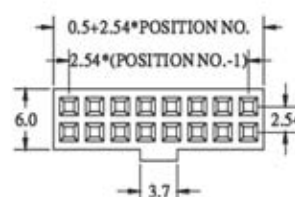
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

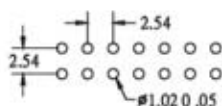
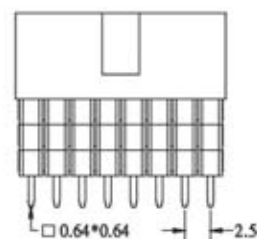
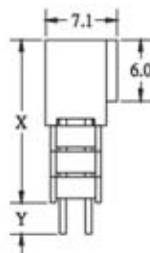
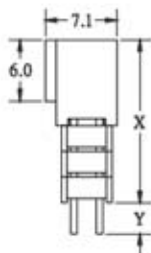
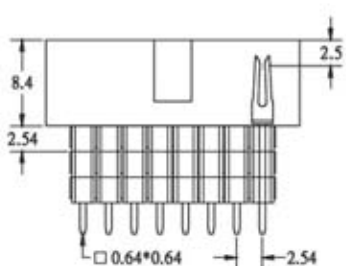
All materials must be RoHS compliant.



TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 XXX - XXX X B

1. CONTACT TYPE:

E39, E40, E41, E42, E43, E44

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024,
026, 030, 034, 040, 044, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE WITH POLARIZATION BUMP PROFILE=8.40MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

Operating Temperature: -40°C to +105°C

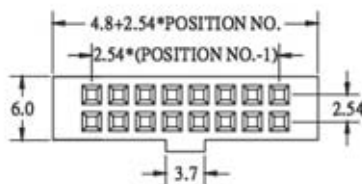
X	Y	TYPE A	TYPE B
10.94	3.10	25E33	25E36
13.48	5.65	25E34	25E37
16.02	3.10	25E35	25E38

MATERIALS

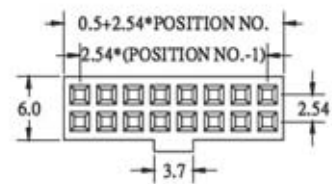
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

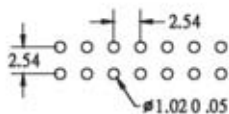
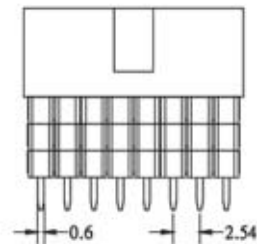
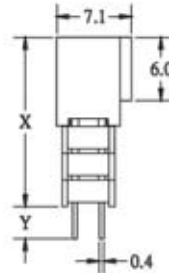
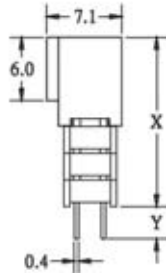
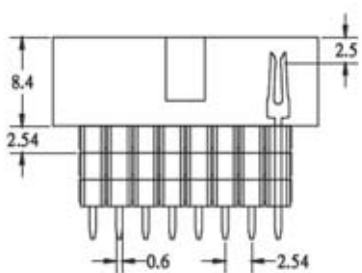
All materials must be RoHS compliant.



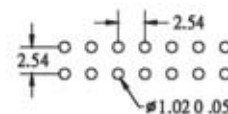
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B

- CONTACT TYPE:
E33, E34, E35, E36, E37, E38
- NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024,
026, 030, 034, 040, 044, 050, 060, 064
- CONTACT FINISH:
"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

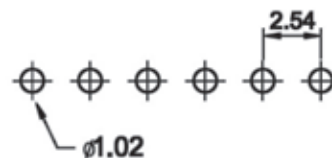
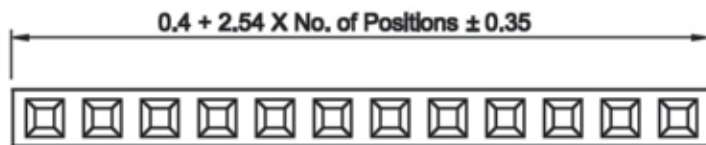
Contact Material: Brass

Contact Plating: Gold / Tin over Nickel

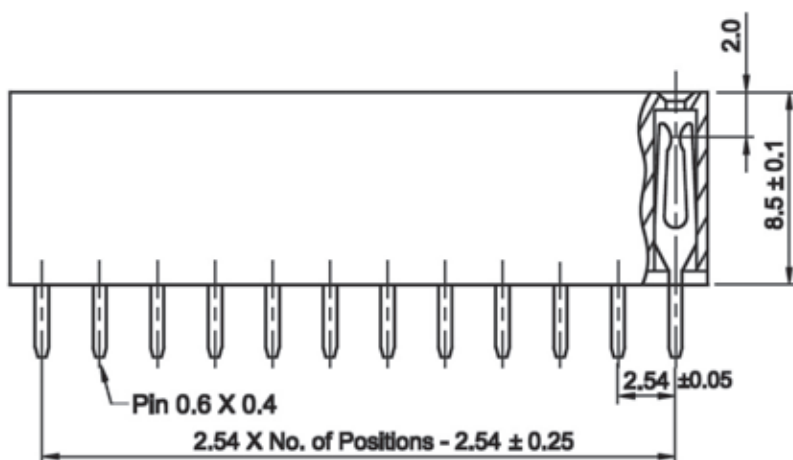
Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 FA - xxx x B / xx
1 2 3 4

- CONTACT TYPE OPTION:
"FA" SINGLE ROW STRAIGHT TYPE
- NO. OF CONTACTS:
002~040
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

- INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

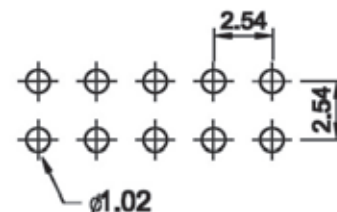
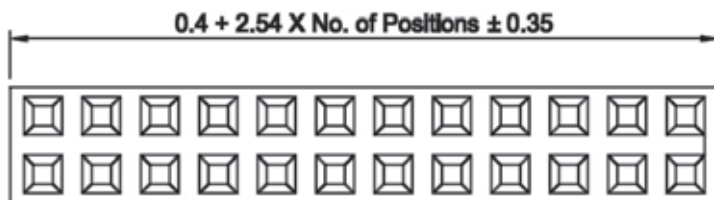
MATERIALS

Contact Material: Brass

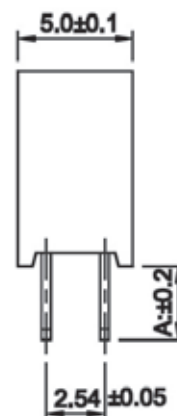
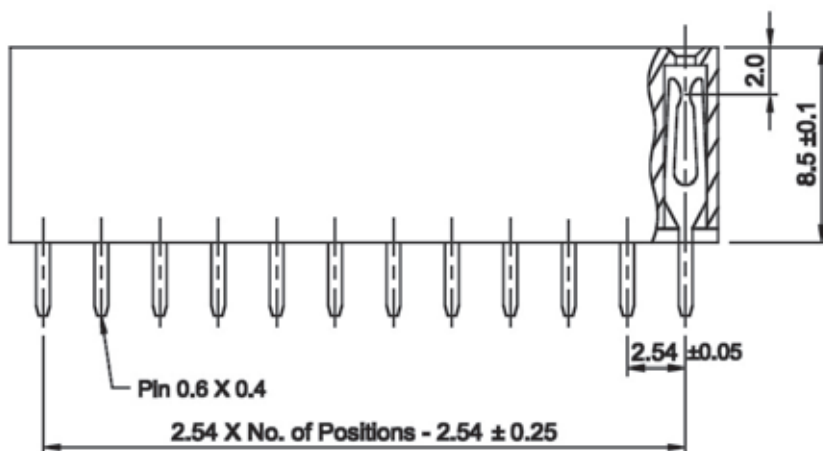
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 FB - xxx x B / xx
1 2 3 4

1. PCB LAYOUT TYPE:
"FB" DOUBLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:
004~080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

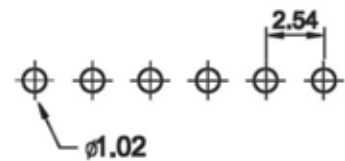
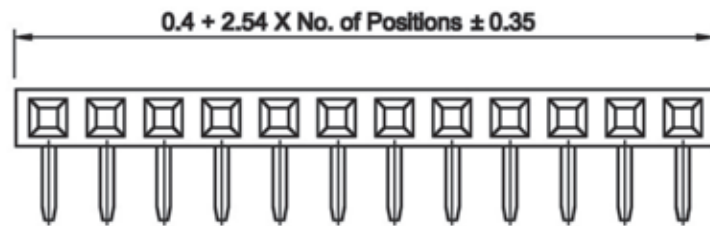
MATERIALS

Contact Material: Brass

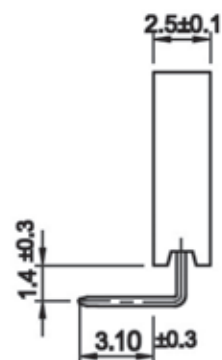
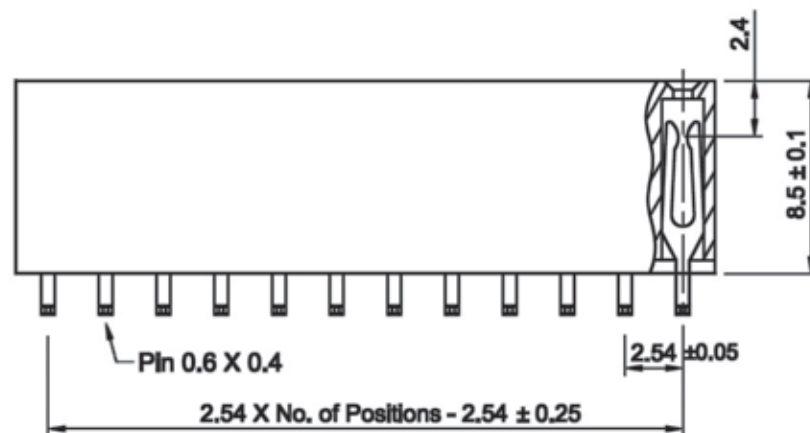
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 F D - x x x x B / x x
1 2 3 4

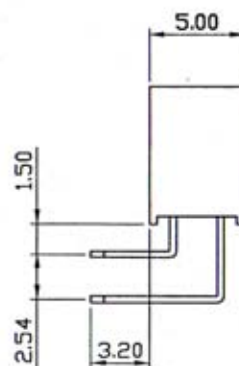
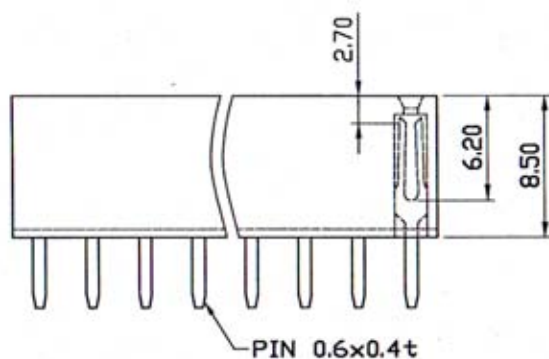
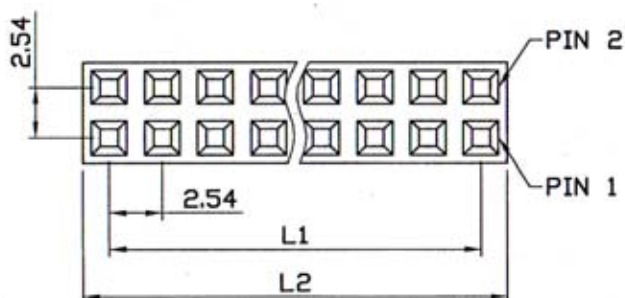
1. CONTACT TYPE OPTION:
"FD" SINGLE ROW R/A TYPE

2. NO. OF CONTACTS:
002~040

3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

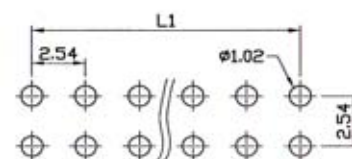
2.54MM(0.100") FEMALE HEADER DOUBLE ROW DIP TYPE PROFILE=8.50MM



DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts} - 1)$

$L2 = 0.5 + 2.54 \times \text{No. of Positions}$



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0

P.B.T or Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B / $\frac{x}{4}$

1. TERMINAL TYPE:

"FE" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM (0.100") FEMALE HEADER TRIPLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

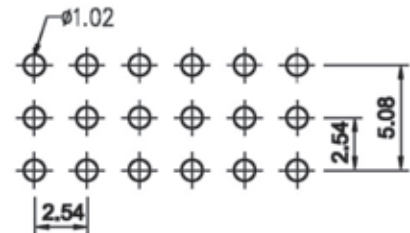
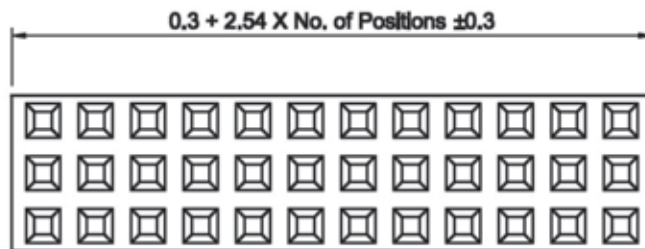
Contact Material: Brass

Contact Plating: Gold / Tin over Nickel

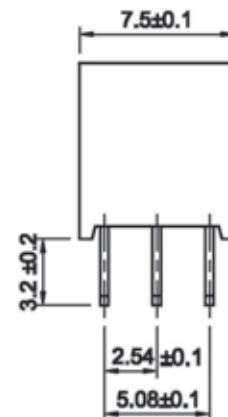
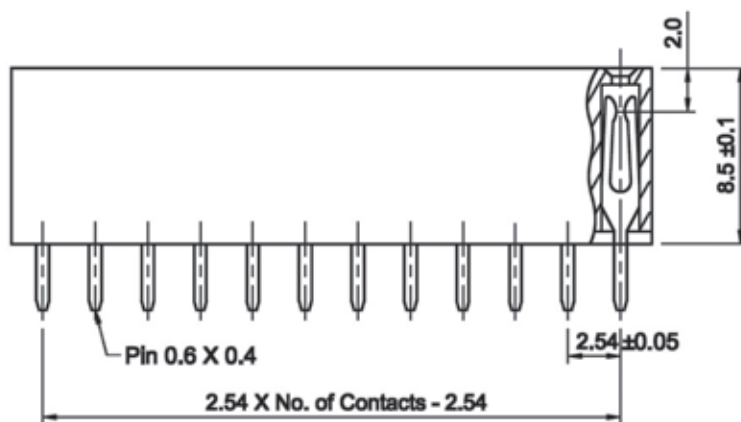
Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 FC - x x x x B / x x
1 2 3 4

1. CONTACT TYPE:

"FC" TRIPLE ROW STRAIGHT TYPE

2. NO. OF CONTACTS:

009~120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

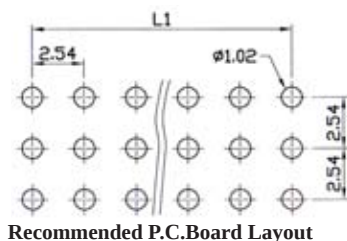
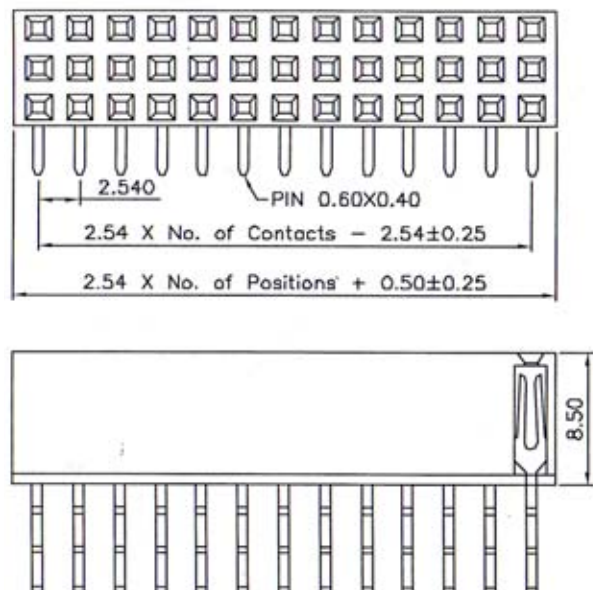
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER TRIPLE ROW DIP TYPE PROFILE=8.50MM



DIMENSIONS:

L1 = 2.54 x (No. of Contacts-1)

L2 = 0.5 + 2.54 x No. of Positions

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

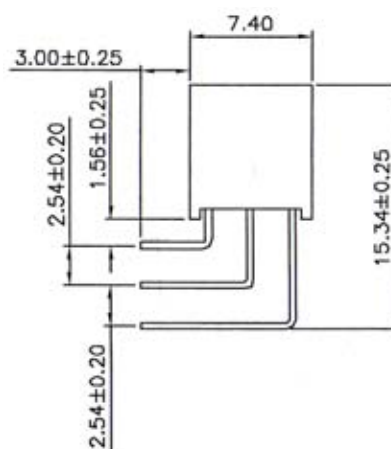
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B / $\frac{6}{4}$ T

1. TERMINAL TYPE:

"BU" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

009 ~ 096

3. CONTACT FINISH:

"G" FULL GOLD PLATED

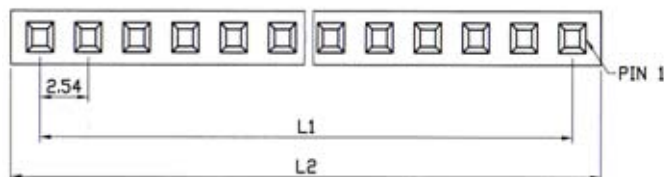
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS PROFILE=8.50MM



SPECIFICATIONS

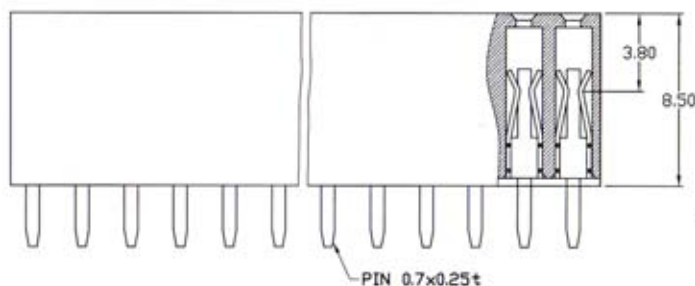
Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C



254FU

MATERIALS

Contact Material: Phosphor Bronze

Insulation Material: Polyester Nylon-6T, UL 94V-0

Contact Plating: Full Gold, Full Tin, Selective Plated

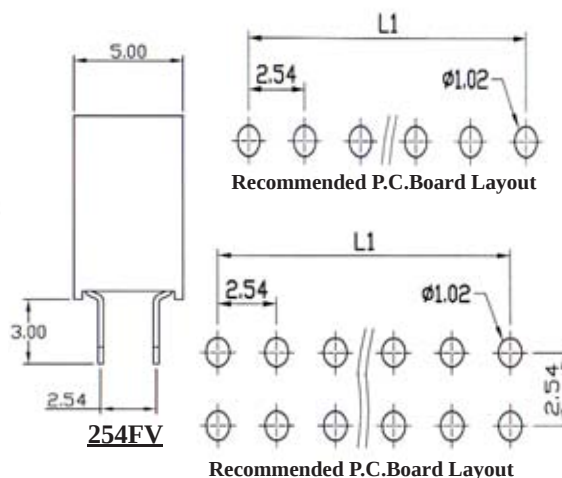
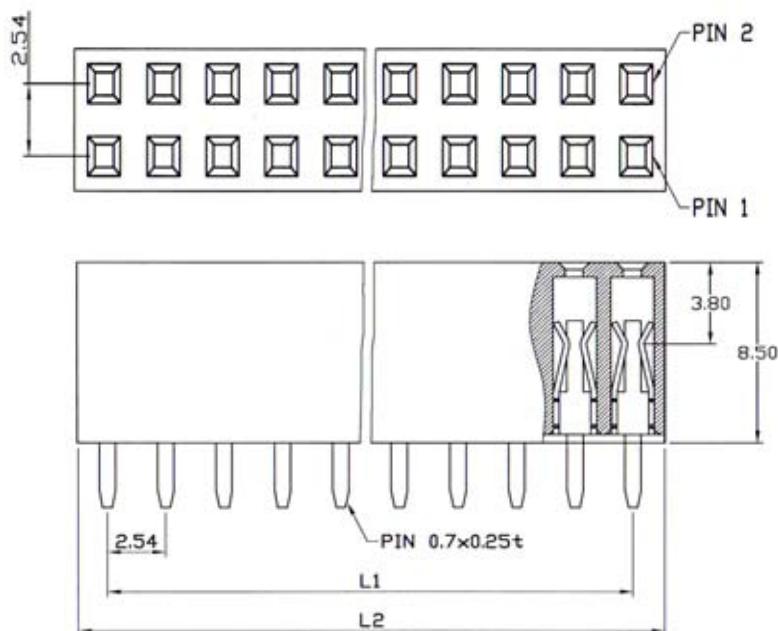
Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts} - 1)$

$L2 = 0.5 + 2.54 \times \text{No. of Positions / Row}$



ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B / $\frac{6}{4}$ T

1. NO. OF ROWS:

"FU" SINGLE ROW

"FV" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

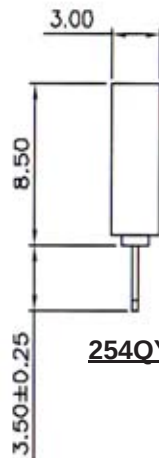
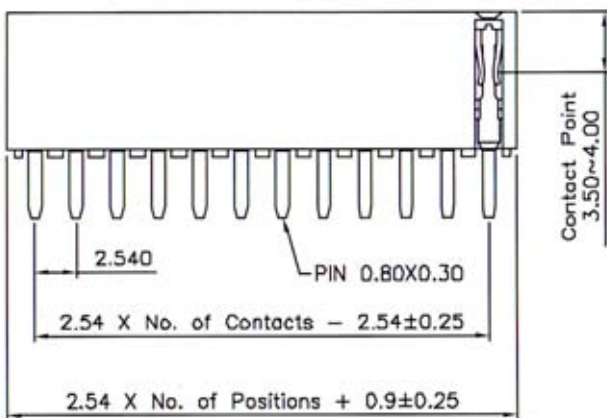
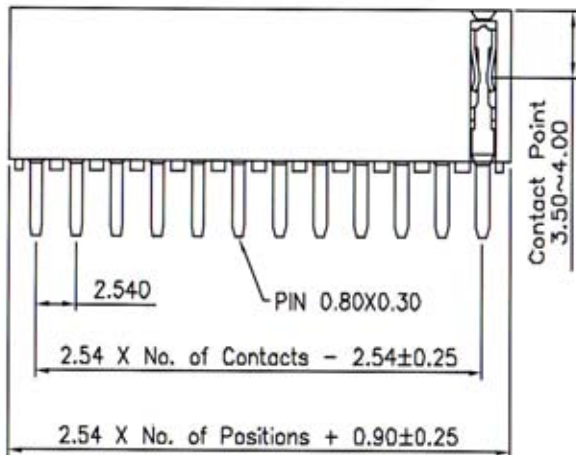
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS PROFILE=8.50MM



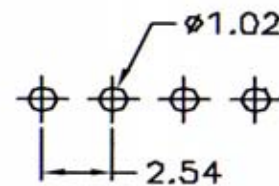
254QY

SPECIFICATIONS

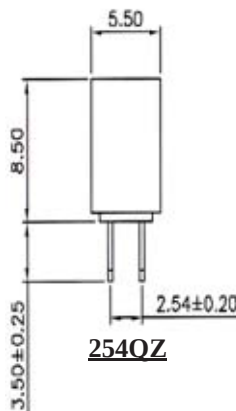
Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

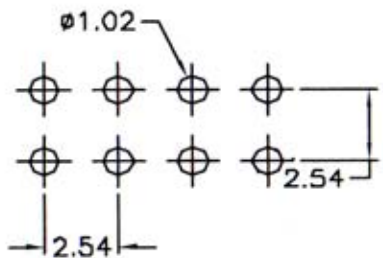
Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 P.B.T or Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
 All materials must be RoHS compliant.



Recommended P.C.Board Layout



254QZ



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x x}{1}$ - $\frac{x x x}{2}$ $\frac{x}{3}$ B / $\frac{x x}{4}$

- NO. OF ROWS:
 "QY" SINGLE ROW
 "QZ" DOUBLE ROW
- NO. OF CONTACTS:
 002 ~ 040 FOR SINGLE ROW
 004 ~ 080 FOR DOUBLE ROW
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

- INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

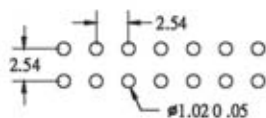
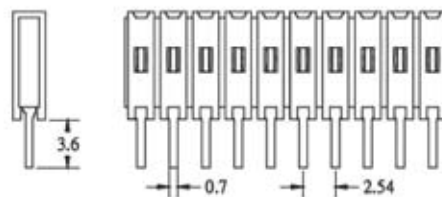
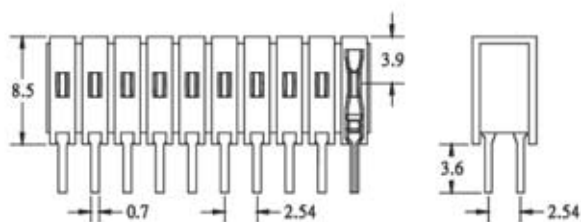
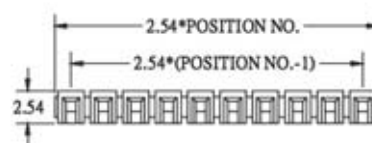
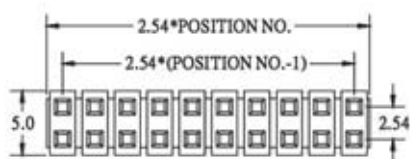
Operating Temperature: -40°C to +105°C

MATERIALS

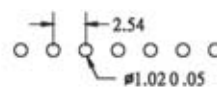
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B
1 2 3

1. CONTACT TYPE:

"K55" SINGLE ROW

"K56" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

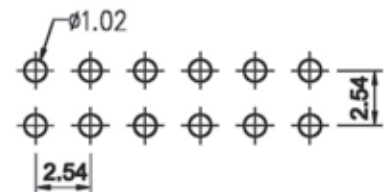
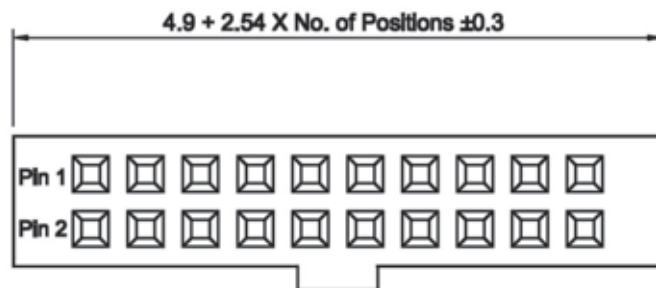
MATERIALS

Contact Material: Brass

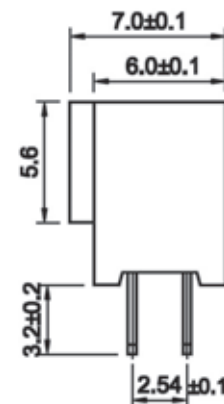
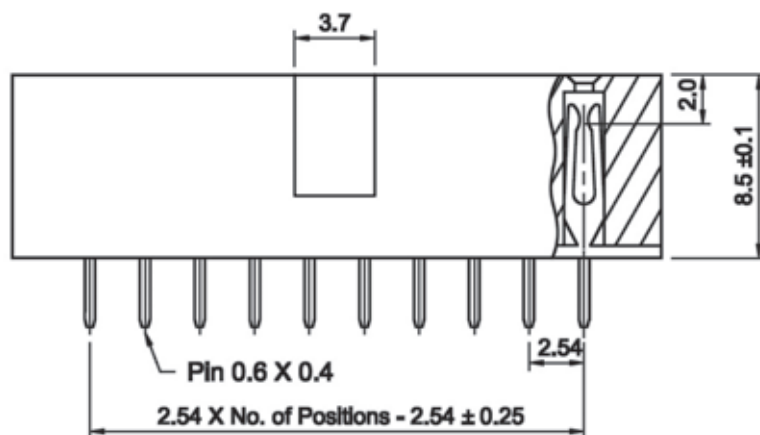
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 BA - x x x x B / x x
1 2 3 4

1. PCB LAYOUT TYPE:
"BA" DOUBLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:
004~080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP R/A DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

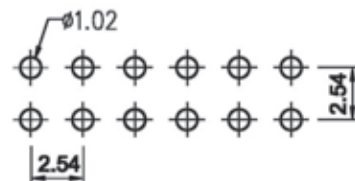
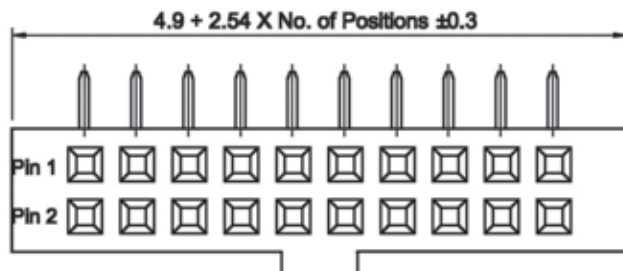
Contact Material: Brass

Contact Plating: Gold / Tin over Nickel

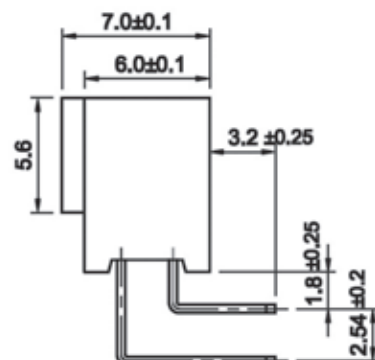
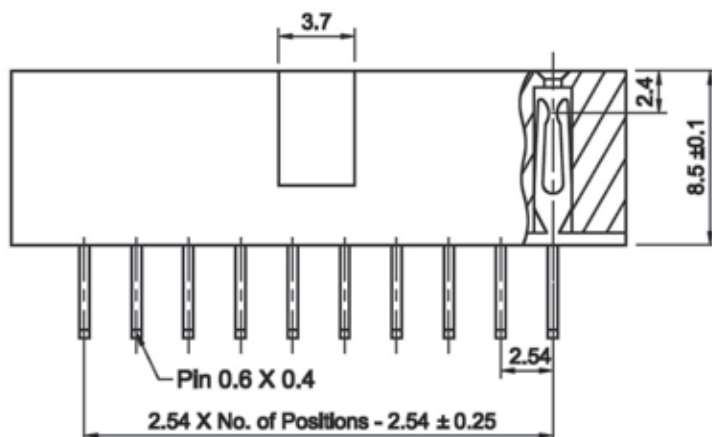
Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 B B - x x x x B / x x
1 2 3 4

1. PCB LAYOUT TYPE:

"BB" DOUBLE ROW R/A TYPE

2. NO. OF CONTACTS:

004~080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER MULTI-MATING TYPE PROFILE=8.50MM

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

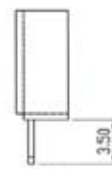
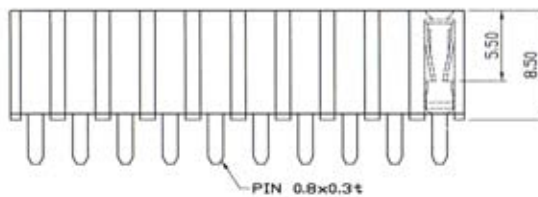
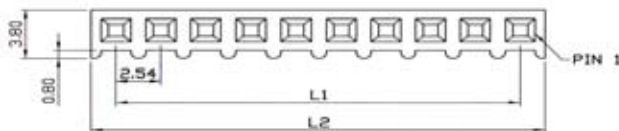
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
P.B.T

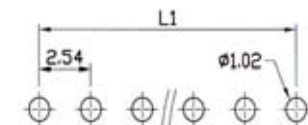
Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

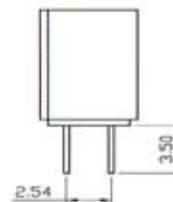
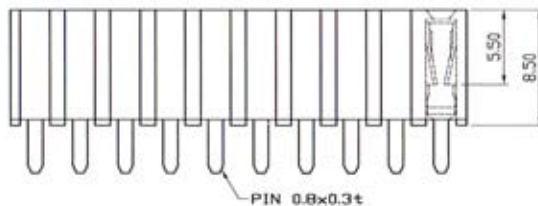
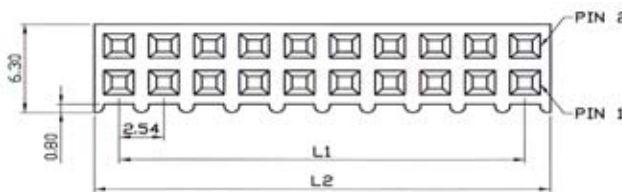
All materials must be RoHS compliant.



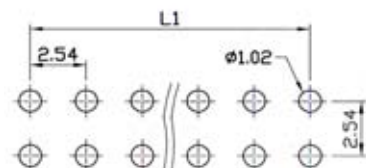
254HY



Recommended P.C.Board Layout



254KS



Recommended P.C.Board Layout

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts}-1)$

$L2 = 0.5 + 2.54 \times \text{No. of Positions/Row}$

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B

1. TERMINAL TYPE:

"HY" SINGLE ROW STRAIGHT TYPE

"KS" DOUBLE ROW STRAIGHT TYPE

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

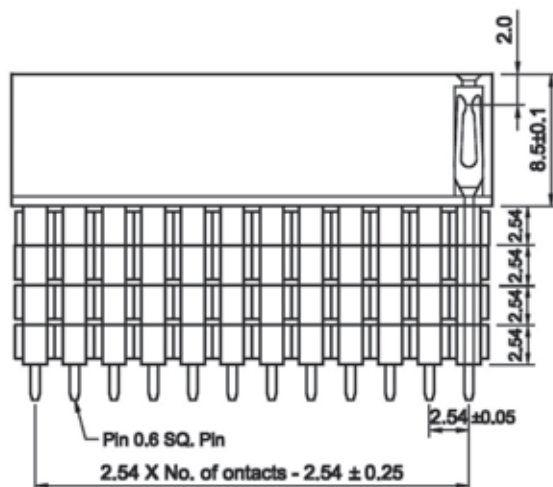
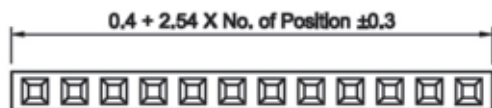
Contact Material: Brass

Contact Plating: Gold / Tin over Nickel

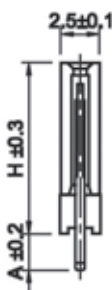
Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

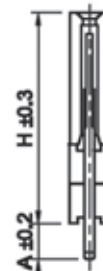
* RoHS & REACH compliant.



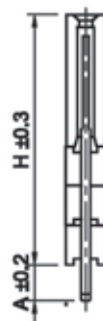
Recommended P.C.Board Layout



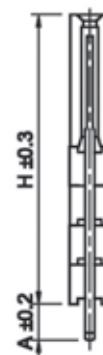
1 Story



2 Stories



3 Stories



4 Stories

ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B / $\frac{XX}{4}$

1. CONTACT TYPE OPTION:

GA, GD, GG, GK, GN, GR, GU, G1, GX, G4, G7

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

TYPE	STORY	H	A
GA	1	11.04	2.3
GD	1	11.04	7.38
GG	1	11.04	12.2
GK	2	13.56	4.84
GN	2	13.56	9.65
GR	3	16.12	2.3
GU	3	16.12	7.1
G1	3	16.12	3.5
GX	4	18.66	4.6
G4	4	17.22	5.64
G7	4	21.21	2.06

2.54MM(0.100") ELEVATED FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

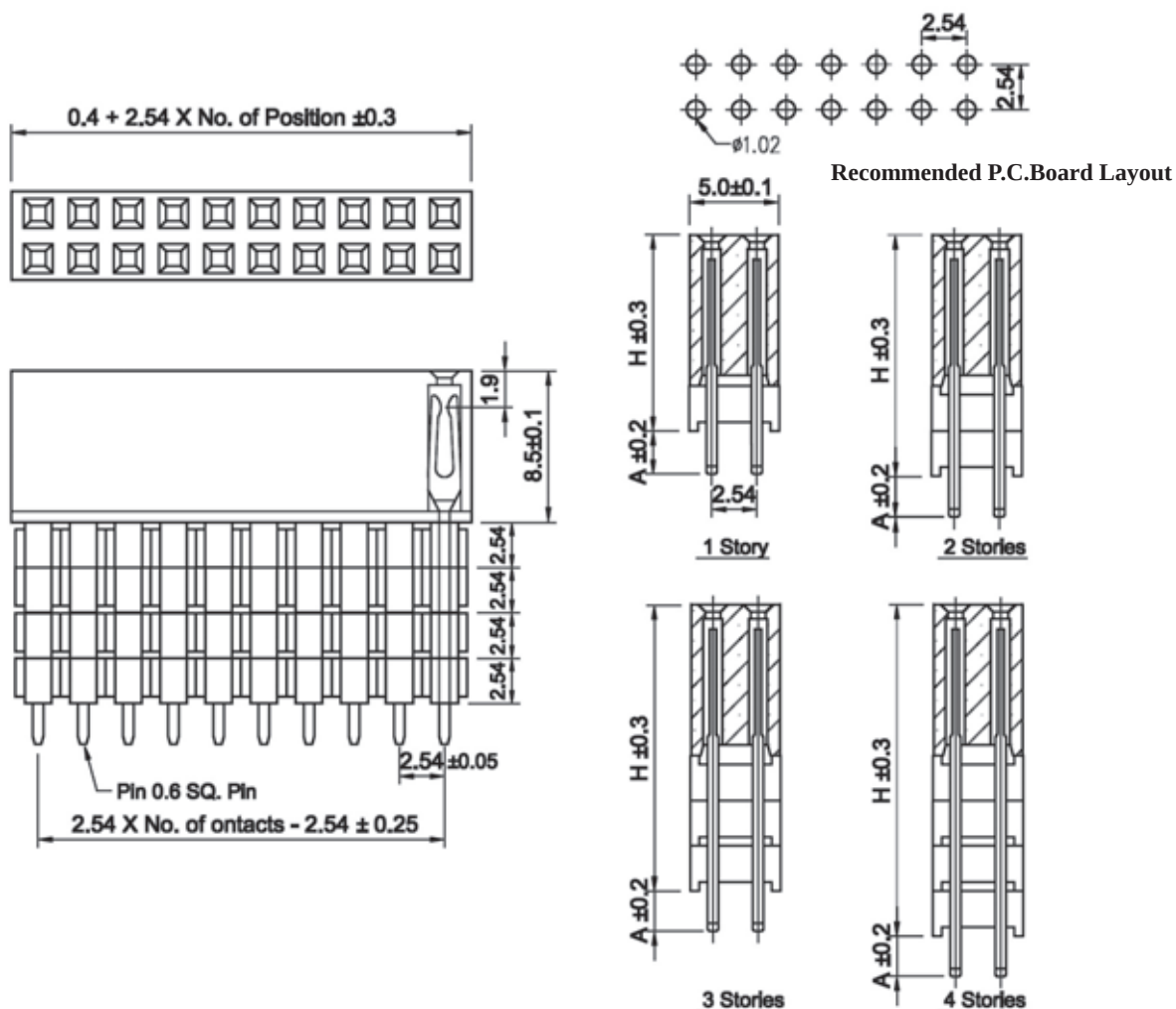
Contact Material: Brass

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

* RoHS & REACH compliant.



ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B / $\frac{XX}{4}$

1. CONTACT TYPE OPTION:

GB, GE, GH, GL, GP, GS, GV, G2, GY, G5, G8

2. NO. OF CONTACTS:

004~080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

TYPE	STORY	H	A
GB	1	11.04	2.3
GE	1	11.04	7.38
GH	1	11.04	12.2
GL	2	13.56	4.84
GP	2	13.56	9.65
GS	3	16.12	2.3
GV	3	16.12	7.1
G2	3	16.12	3.5
GY	4	18.66	4.6
G5	4	17.22	5.64
G8	4	21.21	2.06

2.54MM(0.100") ELEVATED FEMALE HEADER TRIPLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

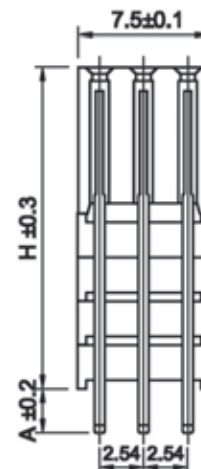
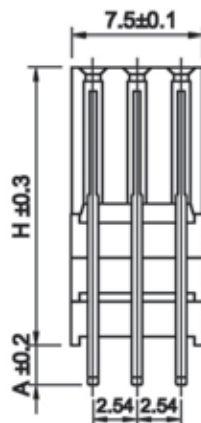
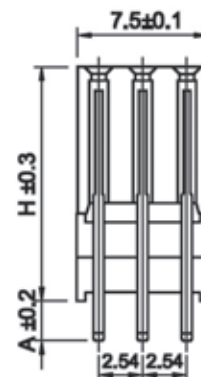
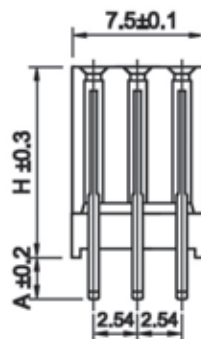
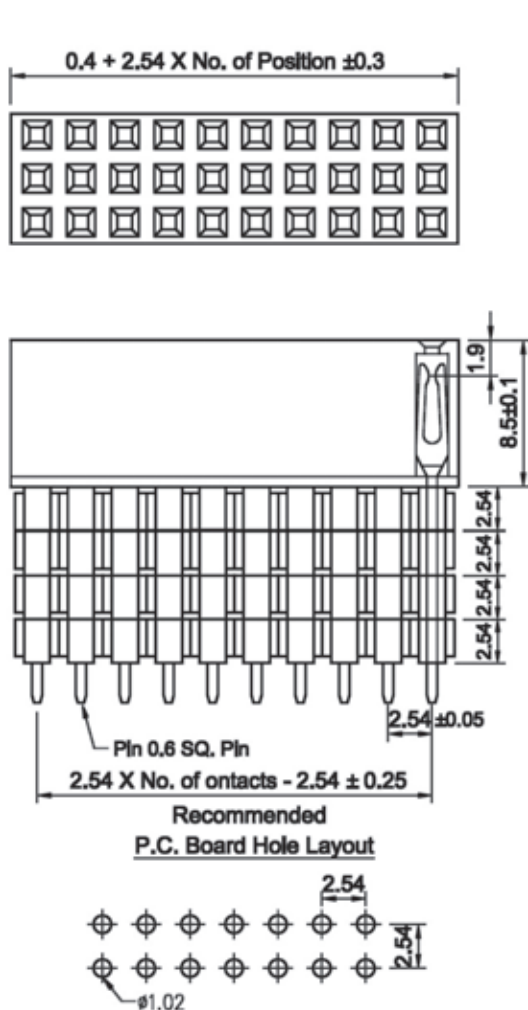
Contact Material: Brass

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

* RoHS & REACH compliant.



ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B / $\frac{XX}{4}$

- CONTACT TYPE OPTION:
GC, GF, GJ, GM, GQ, GT, GW, G3, GZ, G6, G9
- NO. OF CONTACTS:
009~120
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
- INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

TYPE	STORY	H	A
GC	1	11.04	2.3
GF	1	11.04	7.38
GJ	1	11.04	12.2
GM	2	13.56	4.84
GQ	2	13.56	9.65
GT	3	16.12	2.3
GW	3	16.12	7.1
G3	3	16.12	3.5
GZ	4	18.66	4.6
G6	4	17.22	5.64
G9	4	21.21	2.06

2.54MM(0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

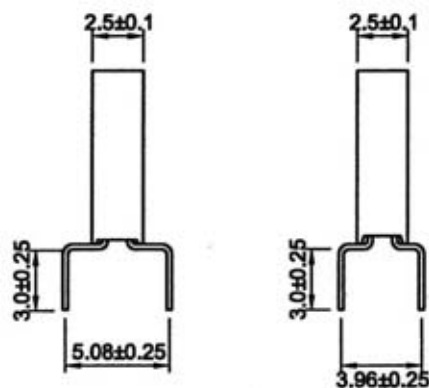
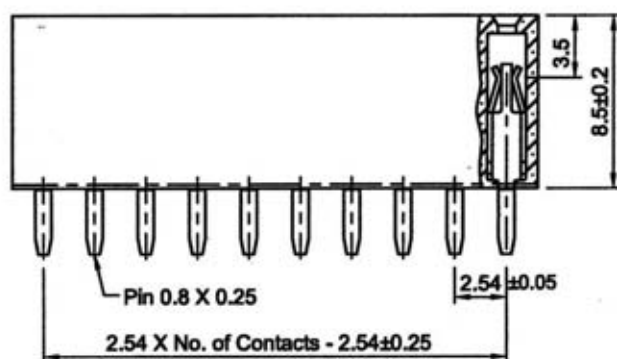
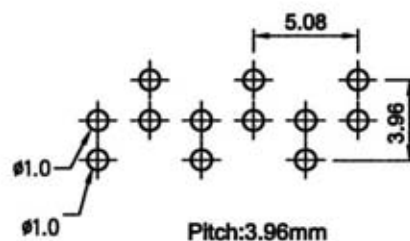
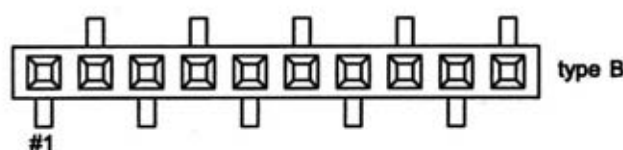
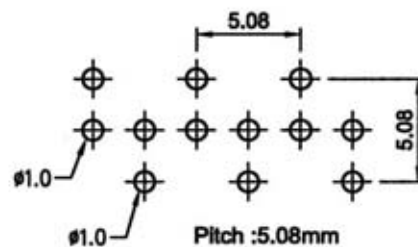
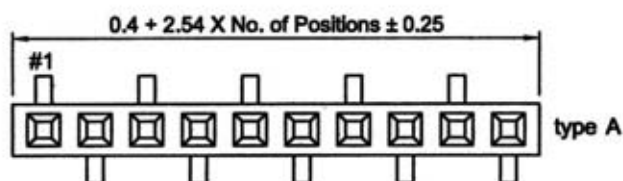
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

* RoHS & REACH compliant.

Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B - $\frac{T}{4}$

1. CONTACT TYPE:

"WJ" D= 3.96MM TYPE A

"WR" D= 3.96MM TYPE B

"WP" D= 5.08MM TYPE A

"WQ" D= 5.08MM TYPE B

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

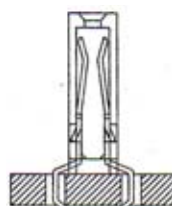
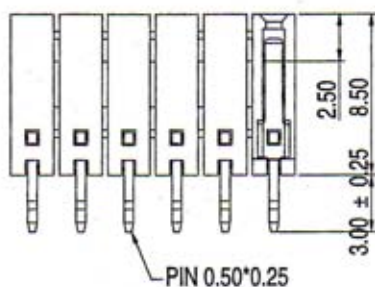
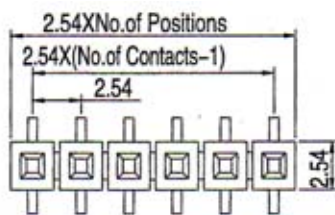
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

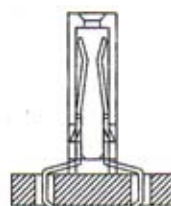
4. PACKAGE TYPE:

"T" W/O PAD IN TUBE

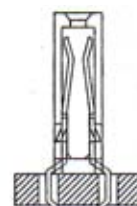
2.54MM(0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=8.50MM



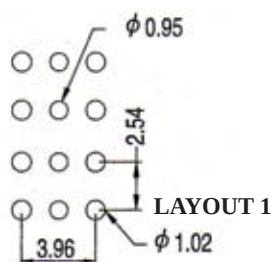
3.96 ± 0.15
LAYOUT 1



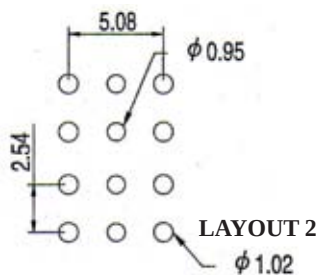
5.08 ± 0.15
LAYOUT 2



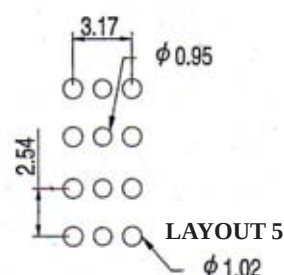
3.17 ± 0.15
LAYOUT 5



Recommended P.C.Board Layout



Recommended P.C.Board Layout



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon-6T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxxx}{2}$ $\frac{x}{3}$ B - $\frac{T}{4}$

1. LAYOUT TYPE:

"WW" LAYOUT 1

"WT" LAYOUT 2

"WE" LAYOUT 5

2. NO. OF CONTACTS:

002 ~ 032

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

"T" WITHOUT PAD IN TUBE

" " IN TRAY

2.54MM(0.100") FEMALE HEADER DUAL ENTRY TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

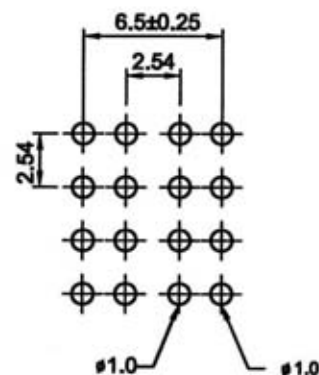
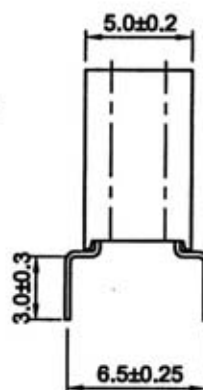
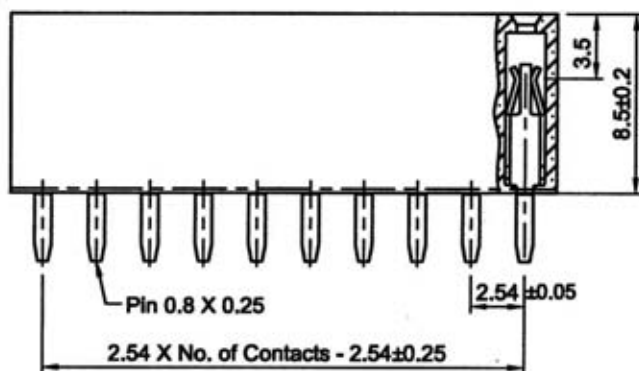
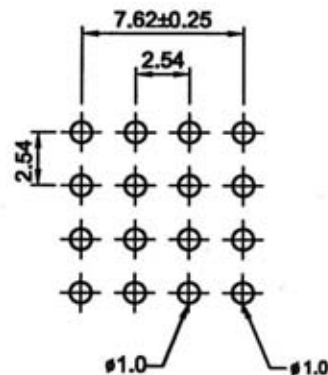
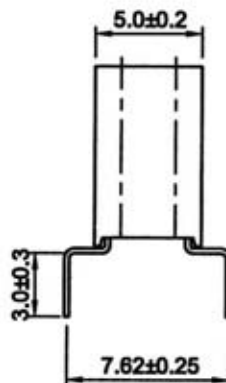
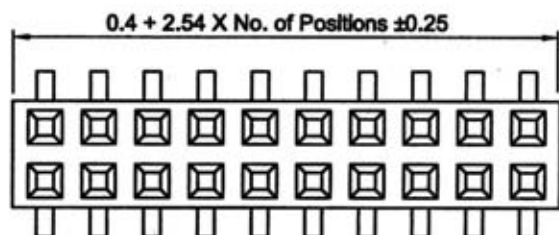
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

* RoHS & REACH compliant.

Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B - $\frac{T}{4}$

1. CONTACT TYPE:

"WF" PIN ROW PITCH= 6.50MM

"WN" PIN ROW PITCH= 7.62MM

2. NO. OF CONTACTS:

004~080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

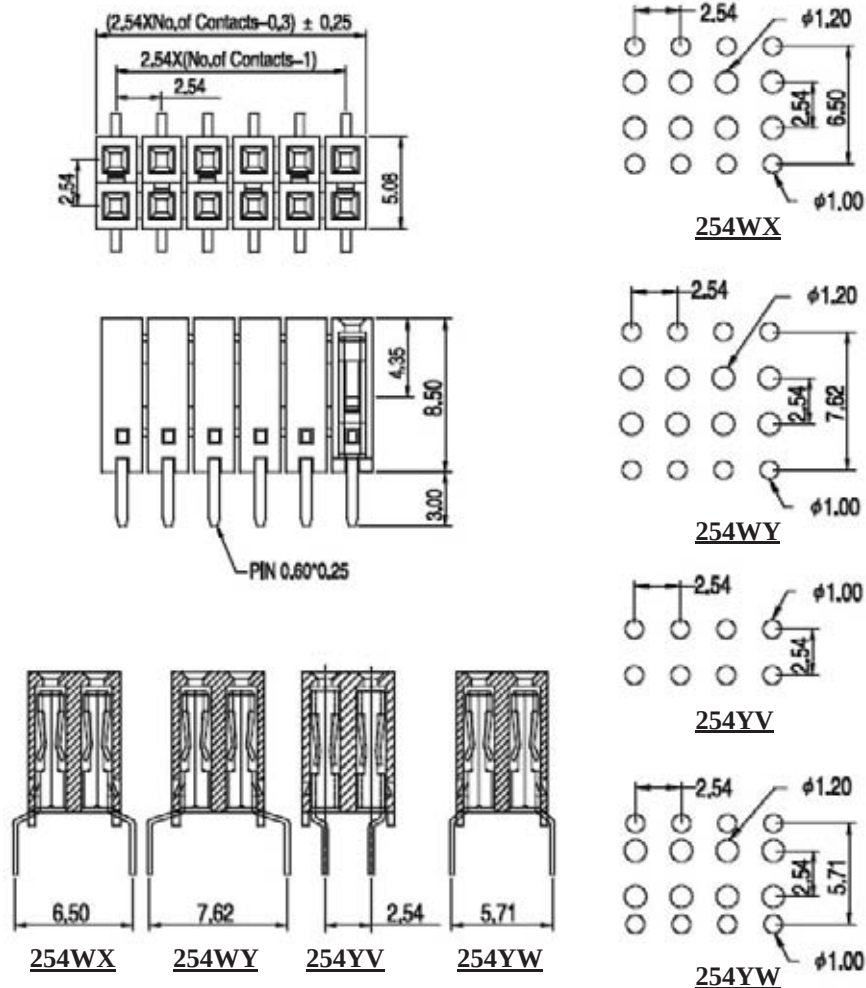
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

"T" W/O PAD IN TUBE

2.54MM(0.100") FEMALE HEADER DUAL ENTRY TYPE PROFILE=8.50MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3Amp

Contact Resistance: 20mΩ Max

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: High Temperature

Thermoplastic UL94V-0

Contact: Stamped And Formed,

Phosphor Bronze/BeCu

Plating: Au or Sn Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B - $\frac{T}{4}$

1. CONNECTOR TYPE:

WX, WY, YV, YW

2. NO. OF CONTACTS:

004 ~ 090

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

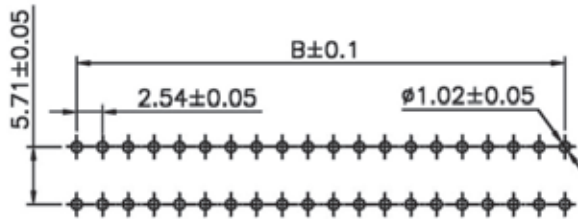
"T" FULL TIN PLATED

4. PACKAGE TYPE:

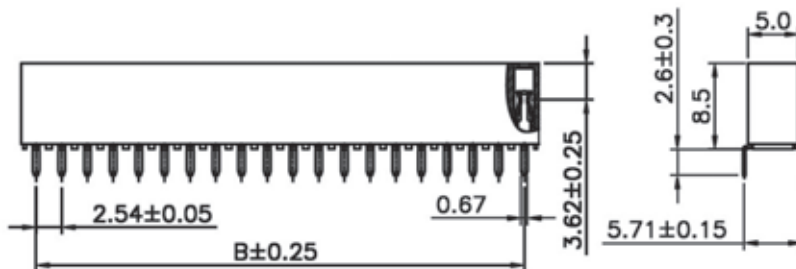
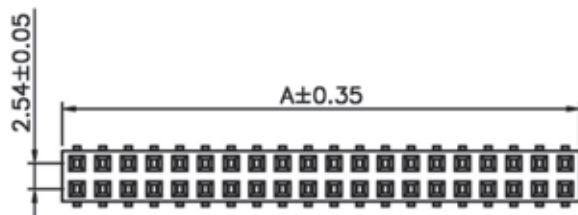
"T" WITHOUT PAD IN TUBE

" " IN TRAY

2.54MM(0.100") FEMALE HEADER DOUBLE ROW DUAL ENTRY DIP TYPE PROFILE=8.50MM



Recommended P.C.Board Layout



$$A = B + 2.54$$

$$B = 2.54 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 100V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 K 7 6 - x x x x B - x

1. CONTACT TYPE:
"K76" STRAIGHT DIP TYPE
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"O" IN TRAY
"F" WITH FILM IN TUBE

2.54MM(0.100") FEMALE HEADER DOUBLE ROW DUAL ENTRY DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

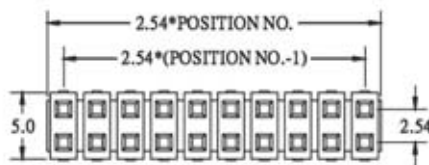
Operating Temperature: -40°C to +105°C

MATERIALS

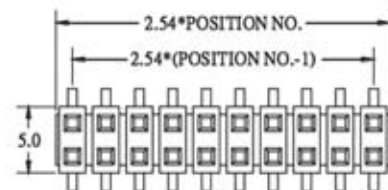
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

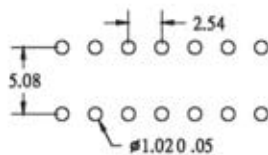
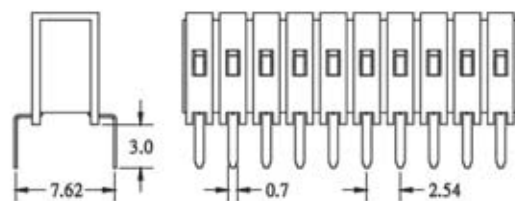
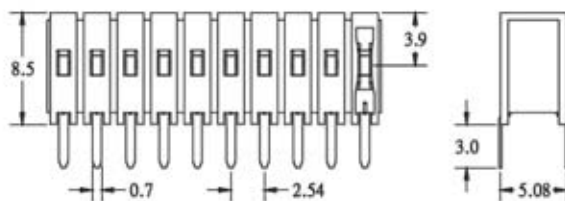
All materials must be RoHS compliant.



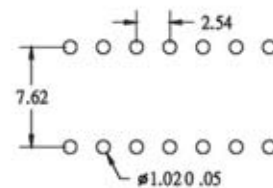
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 xxx - xxx x B
 1 2 3

1. FOOT RANK TYPE:

"K53" TYPE A (5.08MM)

"K54" TYPE B (7.62MM)

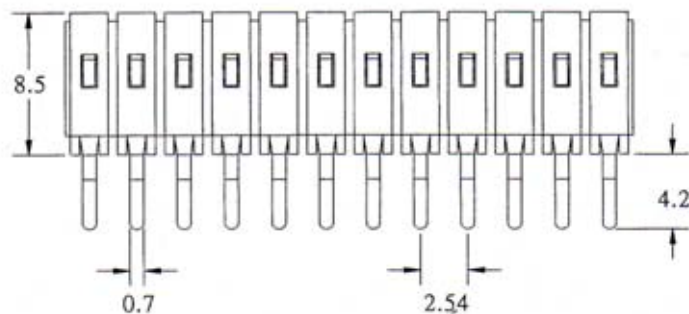
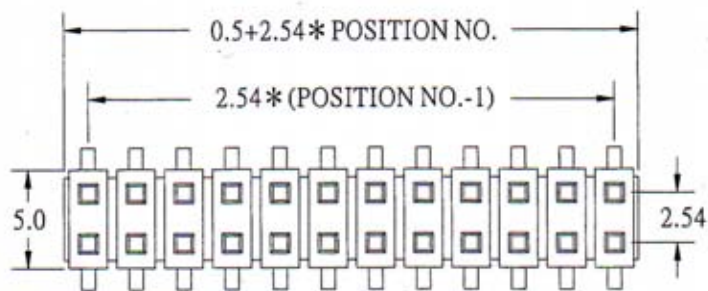
2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER WITH BENDING LEGS PROFILE=8.50MM



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

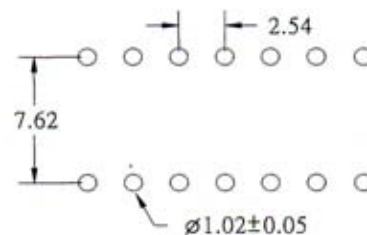
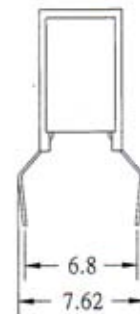
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
P.B.T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 N E - $\frac{x x x}{1} \frac{x}{2}$ B

1. NO. OF CONTACTS:

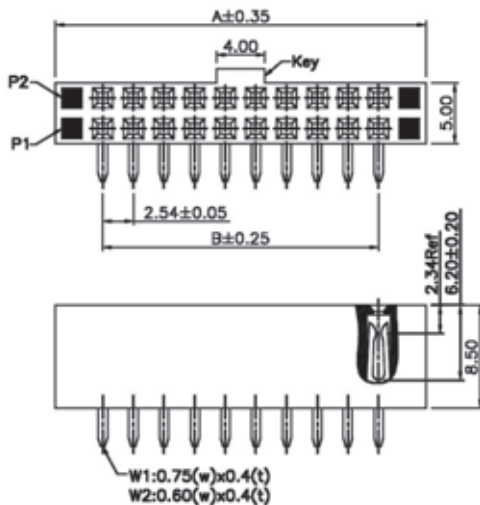
004 ~ 080

2. CONTACT FINISH:

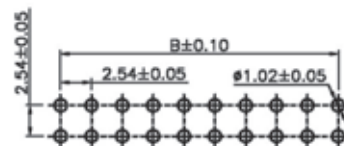
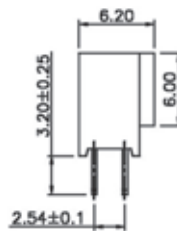
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

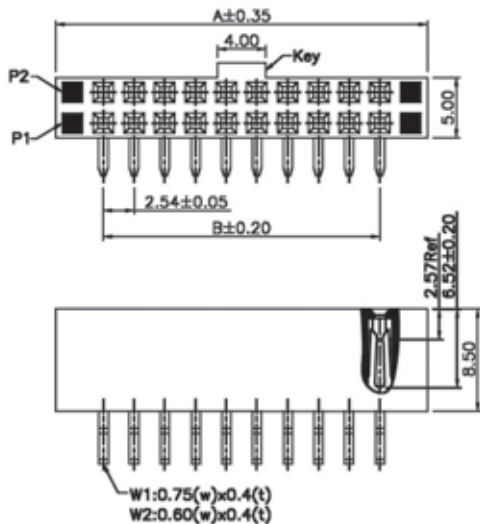
2.54MM(0.100") FEMALE HEADER DOUBLE ROW WITH POLARIZATION BUMP PROFILE=8.50MM



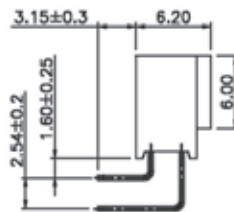
25H51



Recommended P.C.Board Layout



25H52



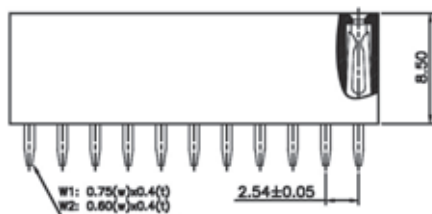
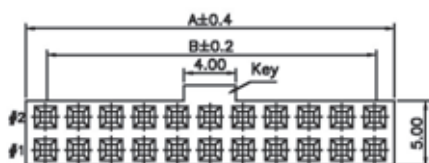
NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
10	18.28	10.16
14	23.36	15.24
16	25.90	17.78
20	30.98	22.86
26	38.60	30.48
30	43.68	35.56
34	48.76	40.64
40	56.38	48.26
50	69.08	60.96
64	86.86	78.74

ORDERING INFORMATION:

P/N 25 xxx - xxx x B / xx

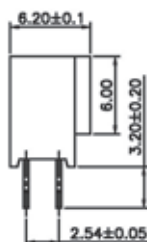
- CONTACT TYPE:
"H51" STRAIGHT DIP TYPE
"H52" RIGHT ANGLE DIP TYPE
- NO. OF CONTACTS:
010, 014, 016, 020, 026,
030, 034, 040, 050, 064
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
- INSULATOR MATERIAL:
" " PBT
"6T" NYLON-6T

2.54MM(0.100") FEMALE HEADER DOUBLE ROW WITH POLARIZATION BUMP PROFILE=8.50MM

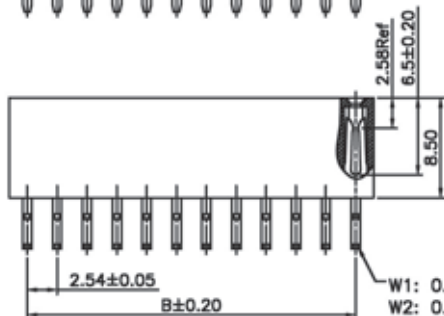
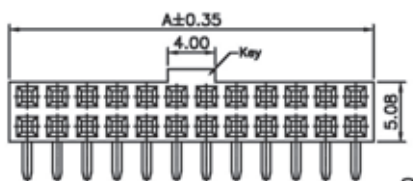


$$A = B + 2.54$$

$$B = 2.54 \times (\text{NO. OF CONTACTS / ROW} - 1)$$



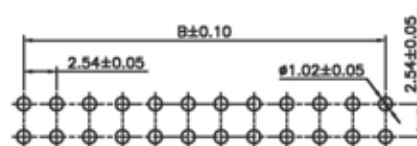
25K79



$$A = B + 2.54$$

$$B = 2.54 \times (\text{NO. OF CONTACTS / ROW} - 1)$$

25K80



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 250V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT UL94V-0, Black

Contact: Brass

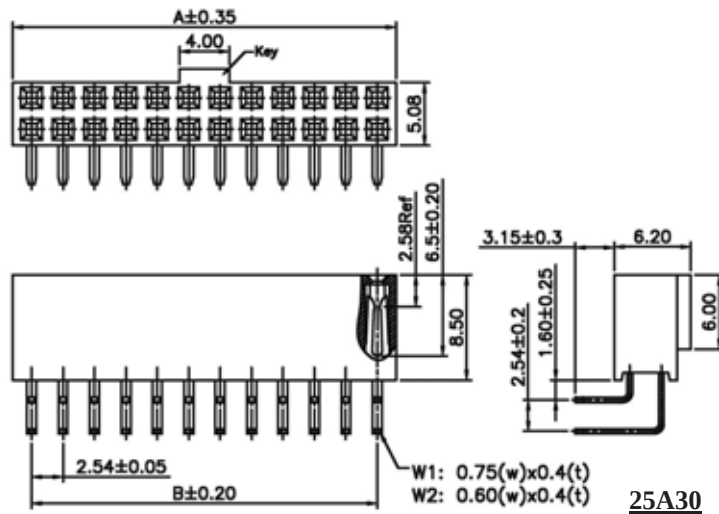
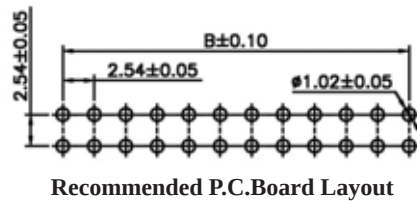
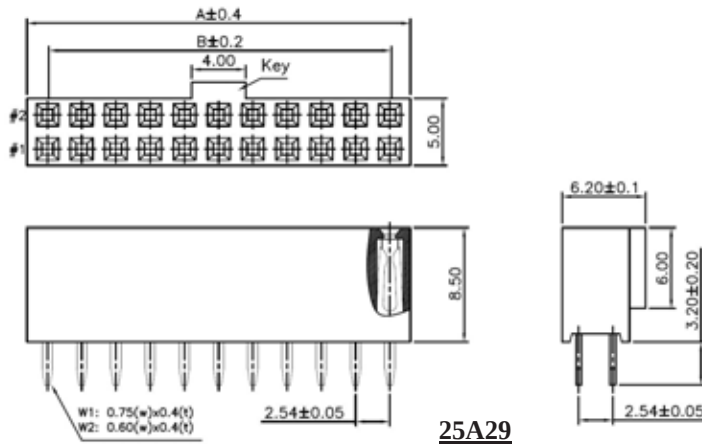
All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 25 $\frac{\text{XXX}}{1}$ - $\frac{\text{XXX}}{2}$ $\frac{\text{X}}{3}$ B - $\frac{\text{X}}{4}$

1. CONTACT TYPE:
"K79" STRAIGHT DIP TYPE
"K80" RIGHT ANGLE DIP TYPE
2. NO. OF CONTACTS:
006 ~ 064 FOR STRAIGHT DIP TYPE
010 ~ 050 FOR RIGHT ANGLE DIP TYPE
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. PACKAGE OPTION:
"T" W/O PAD IN TUBE
"O" IN TRAY

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=8.50MM



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 500V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Brass

Insulation Material: Polyester, UL 94V-0

P.B.T or Nylon-6T

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
6	8.12	5.08
8	10.66	7.62
10	13.20	10.16
12	15.74	12.70
14	18.28	15.24
16	20.82	17.78
18	23.36	20.32
20	25.90	22.86
22	28.44	25.40
24	30.98	27.94
26	33.52	30.48
28	36.06	33.02
30	38.60	35.56
32	41.14	38.10
34	43.68	40.64
36	46.22	43.18
38	48.76	45.72
40	51.30	48.26
42	53.84	50.80
44	56.38	53.34
46	58.92	55.88
48	61.46	58.42
50	64.00	60.96
52	66.54	63.50
54	69.08	66.04
56	71.62	68.58
58	74.16	71.12
60	76.70	73.66
62	79.24	76.20
64	81.78	78.74

ORDERING INFORMATION:

P/N 25 $\frac{A_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B / \frac{xx}{4}$

1. TERMINAL TYPE:

"A29" STRAIGHT TYPE

"A30" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

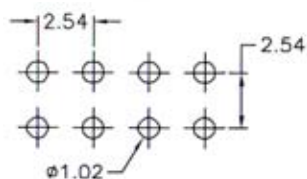
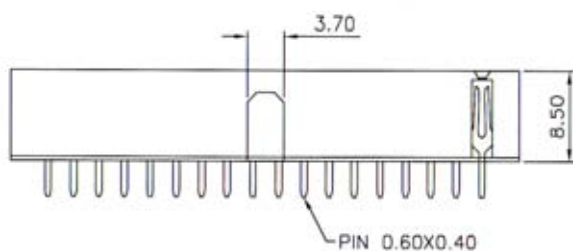
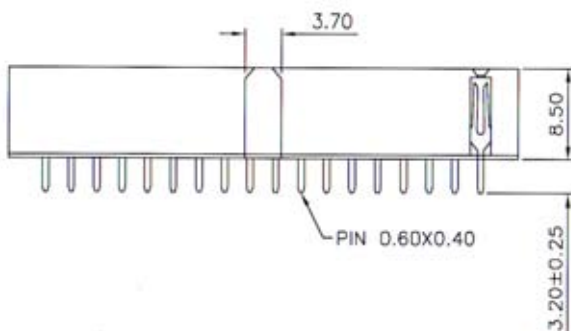
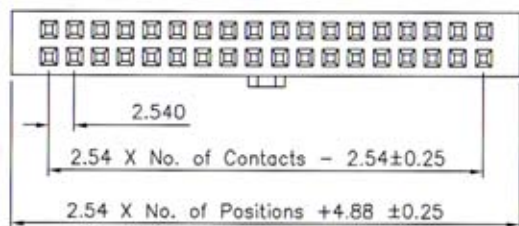
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=8.50MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000M Ω Min

Contact Resistance: 20m Ω Max.

Operating Temperature: -40°C to + 105°C

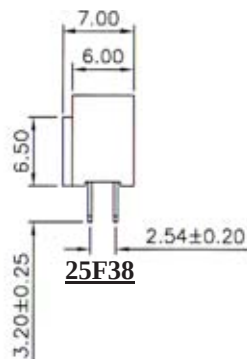
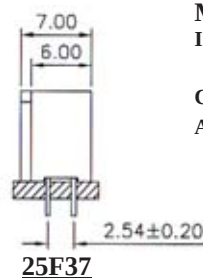
MATERIALS

Insulation Material: UL 94V-0

P.B.T or Nylon-6T

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 F x x - x x x x B / x x

1 2 3 4

1. POLARIZATION BUMP DIMENSION:

"F37" 3.70/8.50MM

"F38" 3.70/6.50MM

2. NO. OF CONTACTS:

006 ~ 072

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLG PLATED

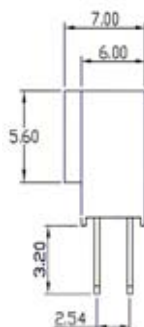
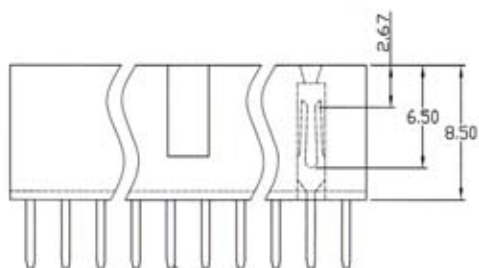
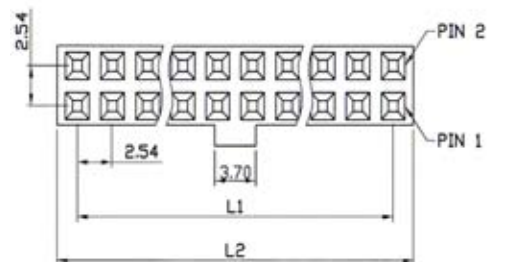
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

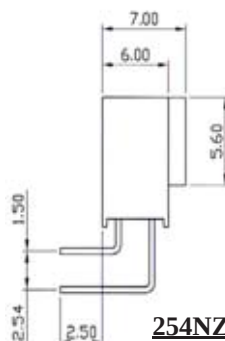
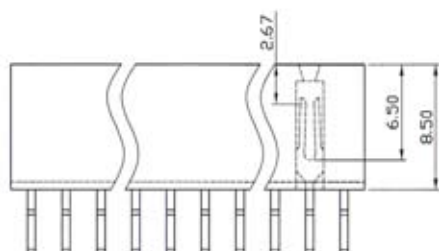
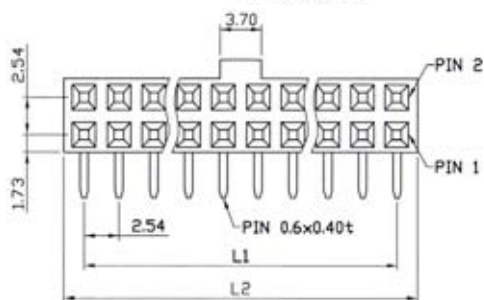
" " PBT

"6T" Nylon 6T

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=8.50MM



254NY



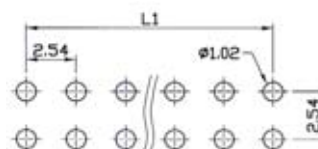
254NZ

SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 P.B.T or Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.



DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts} - 1)$
 $L2 = 0.5 + 2.54 \times \text{No. of Positions}$

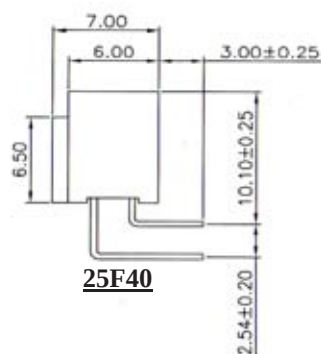
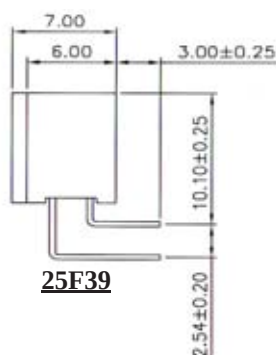
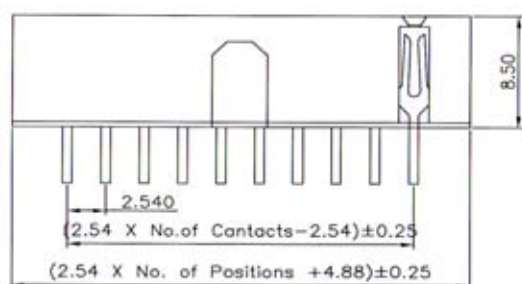
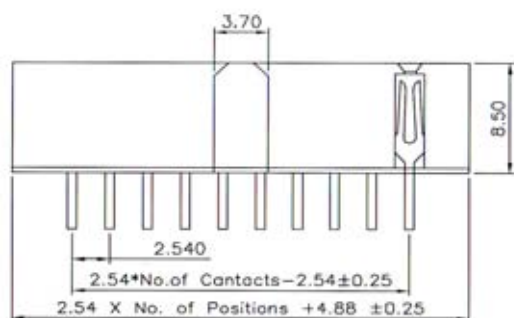
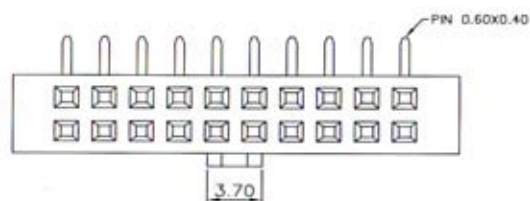
ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1} x - \frac{x}{2} x x \frac{x}{3} B / \frac{x}{4} x$

1. TERMINAL TYPE:
 "NY" STRAIGHT TYPE
 "NZ" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
 004 ~ 080
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

4. INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=8.50MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

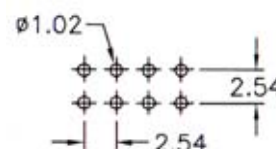
MATERIALS

Insulation Material: UL 94V-0

P.B.T or Nylon-6T

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 F xx - xx xx B / xx

1 2 3 4

1. POLARIZATION BUMP DIMENSION:

"F39" 3.70/8.50MM

"F40" 3.70/6.50MM

2. NO. OF CONTACTS:

006 ~ 072

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

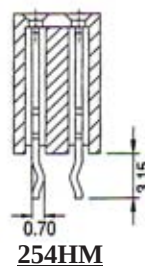
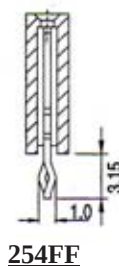
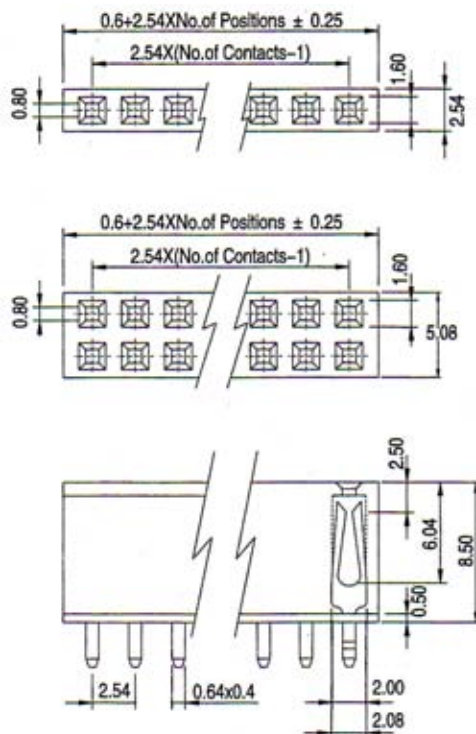
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" Nylon 6T

2.54MM(0.100") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=8.50MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

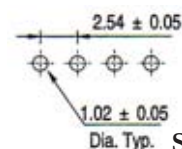
Operating Temperature: -40°C to + 105°C

MATERIALS

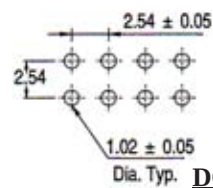
Insulation Material: Nylon-6T, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1} - \frac{x}{2} \frac{x}{3} B$

1. CONNECTOR TYPE:

"FF" SINGLE ROW

"HM" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

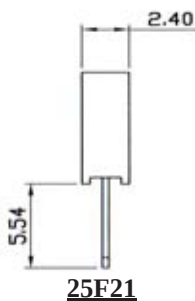
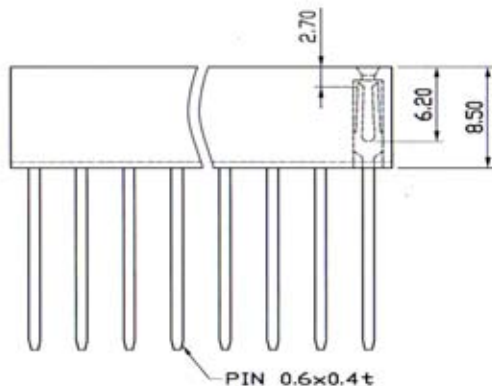
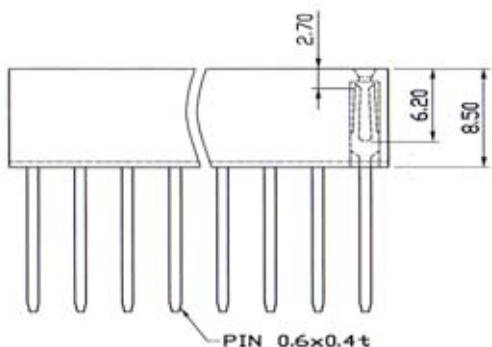
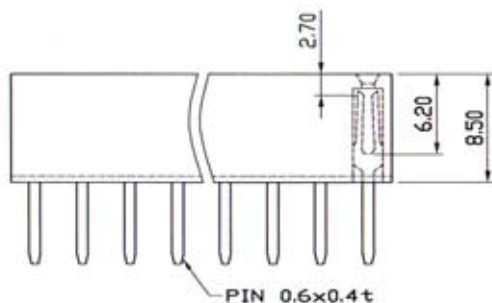
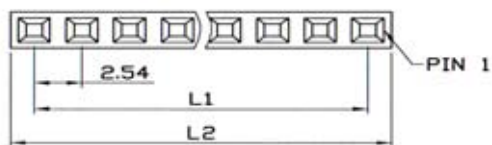
3. CONTACT FINISH:

"G" FULL GOLD PLATED

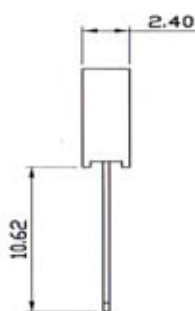
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

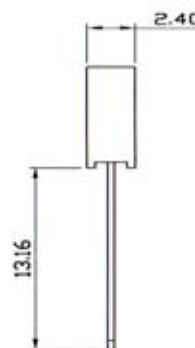
2.54MM(0.100") FEMALE HEADER SINGLE ROW STRAIGHT TYPE PROFILE=8.50MM



25F21



25F22



25F23

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

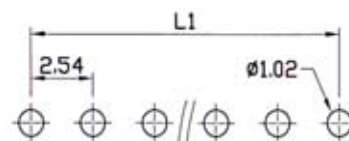
Insulation Material: Polyester, UL 94V-0

P.B.T or Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C. Board Layout

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts} - 1)$

$L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 25 F₁ x x - x x x x B / x x

1. PIN LENGTH:

"F21" L= 5.54MM

"F22" L= 10.62MM

"F23" L= 13.16MM

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

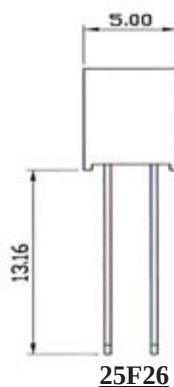
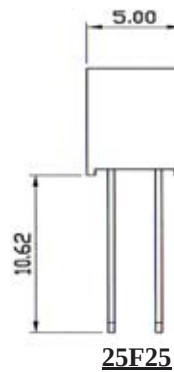
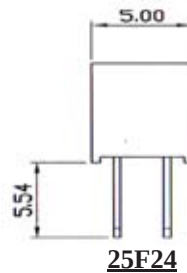
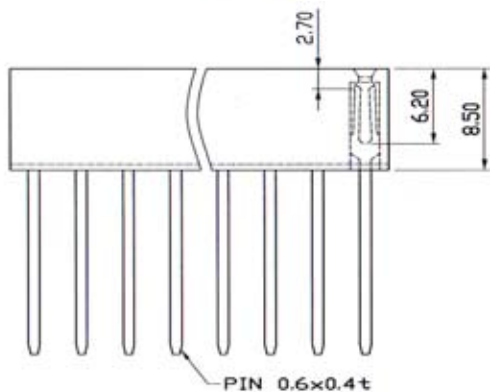
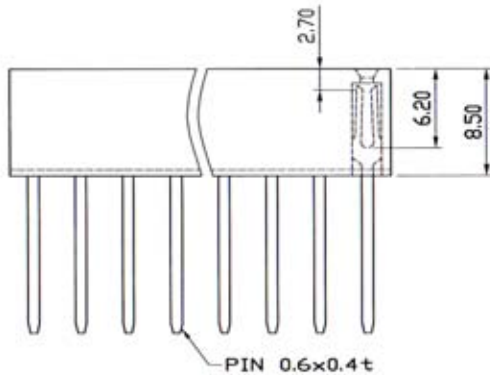
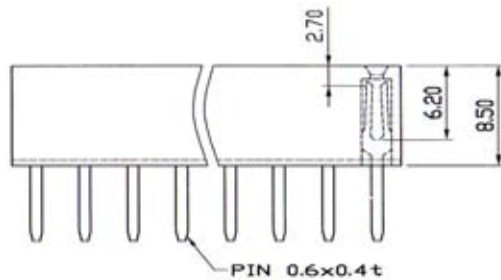
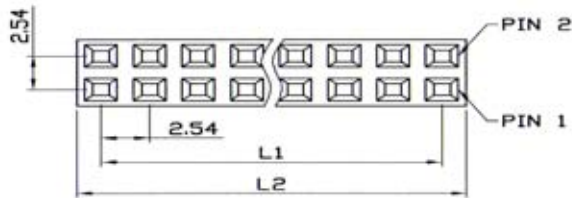
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=8.50MM



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

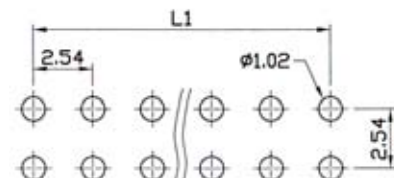
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
P.B.T or Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts} - 1)$

$L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 25 Fxx - xxx x B / xx

1 2 3 4

1. PIN LENGTH:

"F24" L= 5.54MM

"F25" L= 10.62MM

"F26" L= 13.16MM

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

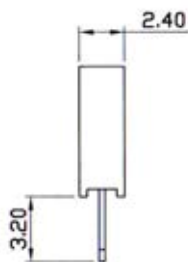
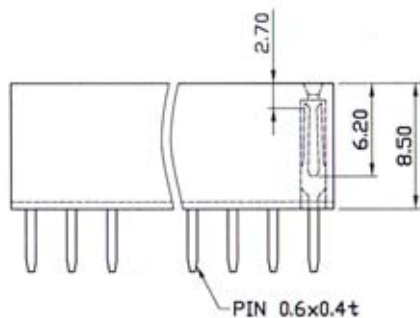
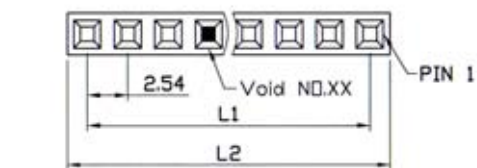
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

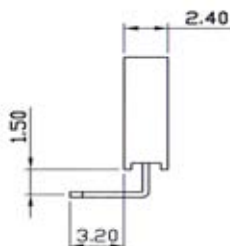
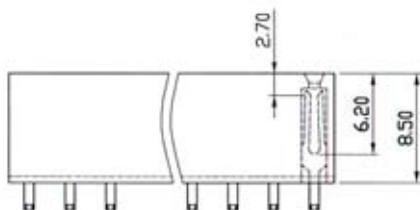
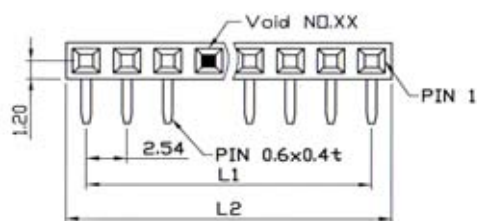
" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH VOID POSITION PROFILE=8.50MM



25F13



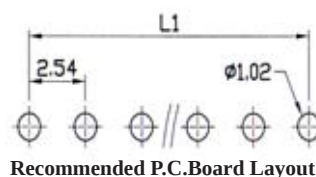
25F14

SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 P.B.T or Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:
 $L1 = 2.54 \times (\text{No. of Contacts} - 1)$
 $L2 = 0.5 + 2.54 \times \text{No. of Positions}$

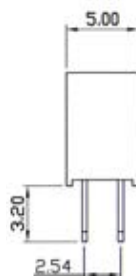
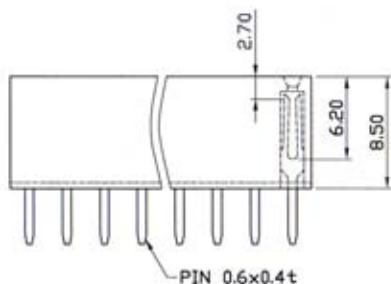
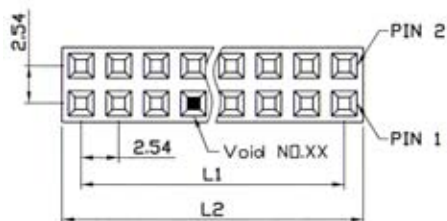
ORDERING INFORMATION:

P/N 25 Fxx - xxx x B / xx - xx
 1 2 3 4 5

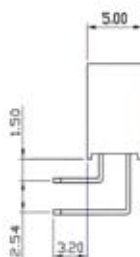
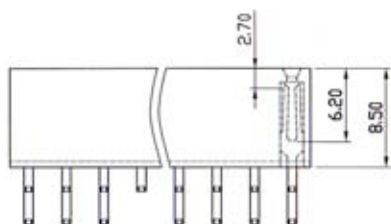
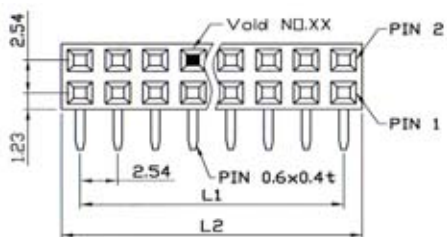
1. TERMINAL TYPE:
 "F13" STRAIGHT TYPE
 "F14" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
 002 ~ 040
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

4. VOID PIN POSITION:
 02 ~ 40
5. INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH VOID POSITION PROFILE=8.50MM



25F15



25F16

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

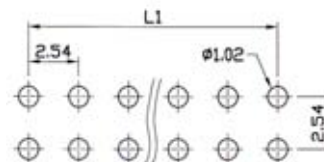
Insulation Material: Polyester, UL 94V-0

P.B.T or Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts}-1)$

$L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 25 F₁xx - x₂x₃ B / x₄x - x₅x

1. TERMINAL TYPE:

"F15" STRAIGHT TYPE

"F16" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

5. VOID PIN POSITION:

04 ~ 80

2.54MM(0.100") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=8.60MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

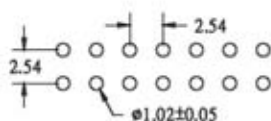
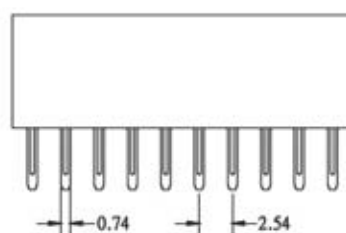
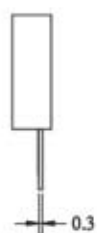
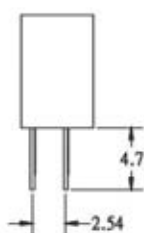
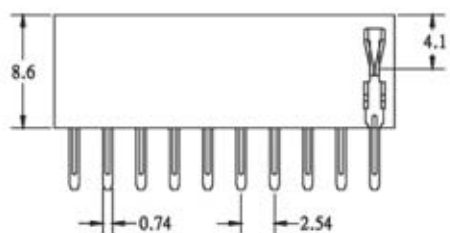
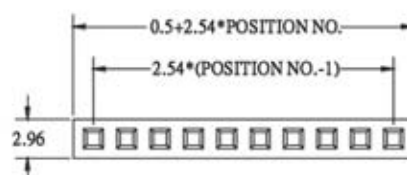
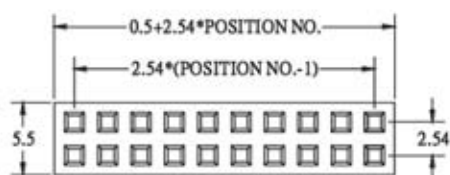
Operating Temperature: -40°C to +105°C

MATERIALS

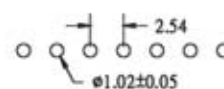
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 x x x - x x x x B
 1 2 3

1. CONTACT TYPE:

"K59" SINGLE ROW

"K60" DOUBLE ROW

2. NO. OF CONTACTS:

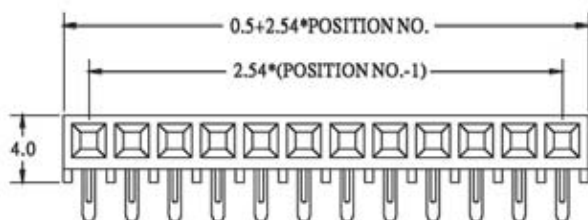
002 ~ 043 FOR SINGLE ROW

004 ~ 086 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER MULTI-MATING RIGHT ANGLE TYPE PROFILE=8.60MM



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

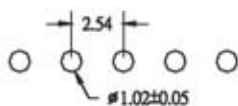
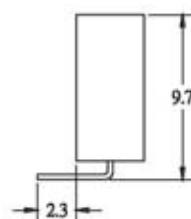
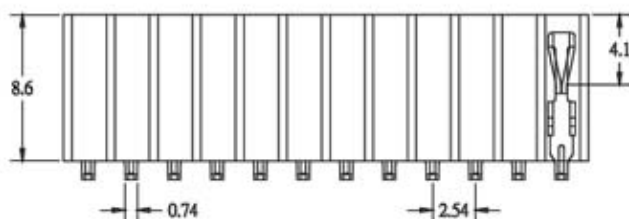
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 H Z - x x x x B
 1 2 3

1. CONTACT TYPE:
"HZ" SINGLE ROW RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED

NOTE: MATING WITH 25K66, 25K67 & 25K68

2.54MM(0.100") FEMALE HEADER STRAIGHT TYPE PROFILE=11.00MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

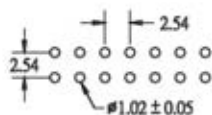
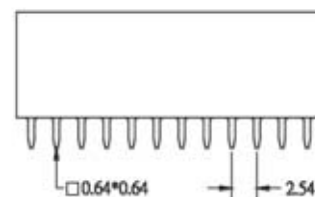
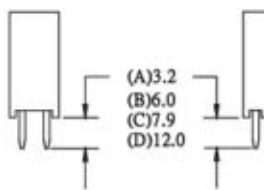
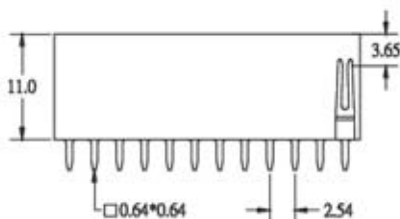
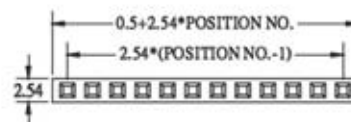
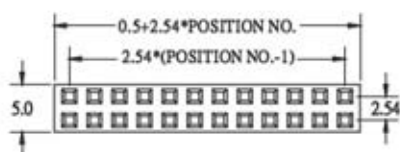
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B / $\frac{XX}{4}$

1. PIN LENGTH:

SINGLE ROW:

"XK" 3.2MM

"XL" 6.0MM

"XM" 7.9MM

"XN" 12.0MM

DOUBLE ROW:

"NA" 3.2MM

"NB" 6.0MM

"NC" 7.9MM

"ND" 12.0MM

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

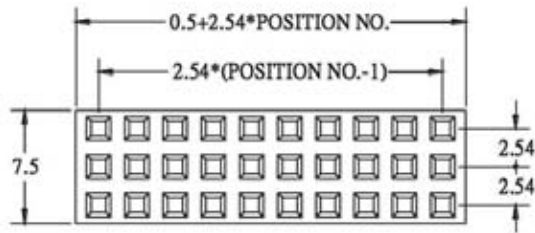
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER TRIPLE ROW STRAIGHT TYPE PROFILE=11.00MM



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

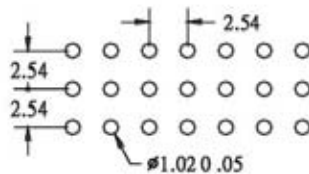
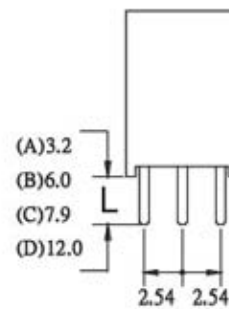
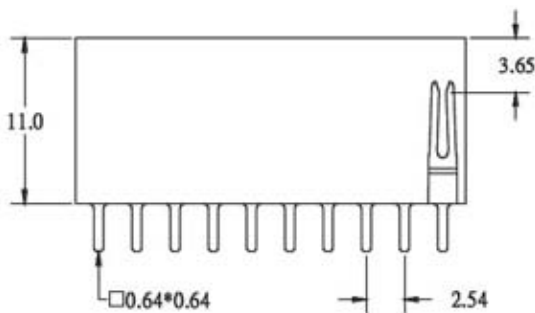
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 E xx - xxx x B / xx
1 2 3 4

1. PIN LENGTH:

"E71" L=3.2MM

"E72" L=6.0MM

"E73" L=7.9MM

"E74" L=12.0MM

2. NO. OF CONTACTS:

009 ~ 120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=11.00MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

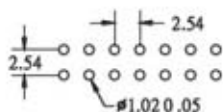
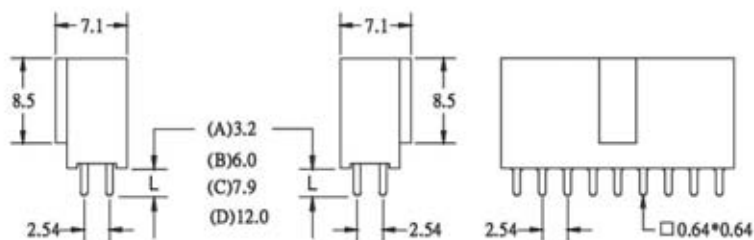
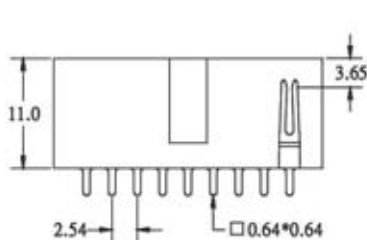
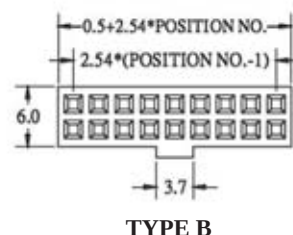
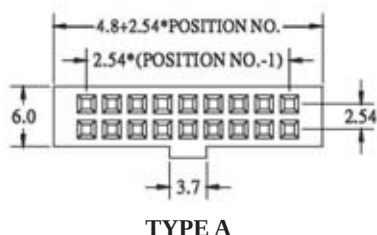
Operating Temperature: -40°C to +105°C

MATERIALS

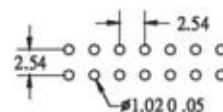
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 E x x - x x x x B
1 2 3

1. INSULATOR TYPE & PIN LENGTH:

- "E55" TYPE A, L=3.2MM
- "E56" TYPE A, L=6.0MM
- "E57" TYPE A, L=7.9MM
- "E58" TYPE A, L=12.0MM
- "E59" TYPE B, L=3.2MM
- "E60" TYPE B, L=6.0MM
- "E61" TYPE B, L=7.9MM
- "E62" TYPE B, L=12.0MM

2. NO. OF CONTACTS:

- 006, 008, 010, 012, 014, 016, 020, 024,
- 026, 030, 034, 040, 044, 050, 060, 064

3. CONTACT FINISH:

- "G" FULL GOLD PLATED
- "T" FULL TIN PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER PROFILE=11.00MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

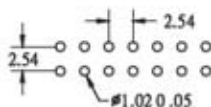
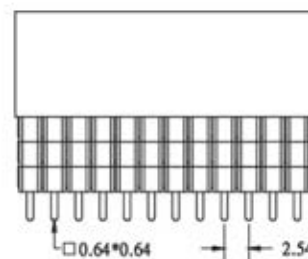
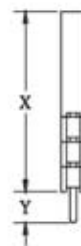
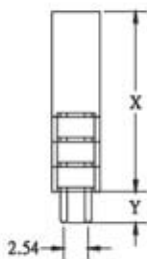
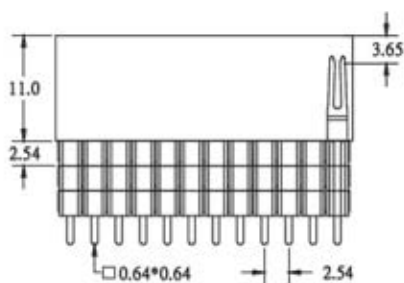
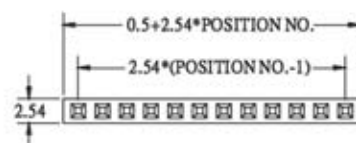
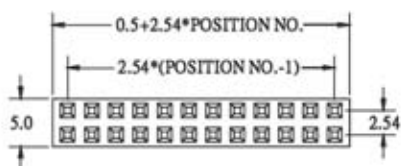
Operating Temperature: -40°C to +105°C

MATERIALS

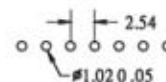
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 E 1 1 - 1 1 1 1 B

1. LEAD STYLE:

"E47" SINGLE ROW, X/Y=13.54/3.5MM

"E48" SINGLE ROW, X/Y=16.08/2.8MM

"E49" SINGLE ROW, X/Y=16.08/6.9MM

"E50" SINGLE ROW, X/Y=18.62/4.4MM

"E51" DOUBLE ROW, X/Y=13.54/3.5MM

"E52" DOUBLE ROW, X/Y=16.08/2.8MM

"E53" DOUBLE ROW, X/Y=16.08/6.9MM

"E54" DOUBLE ROW, X/Y=18.62/4.4MM

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER WITH POLARIZATION BUMP PROFILE=11.00MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

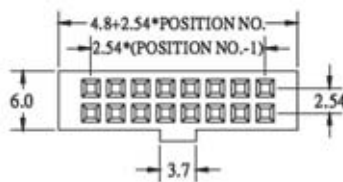
Operating Temperature: -40°C to +105°C

MATERIALS

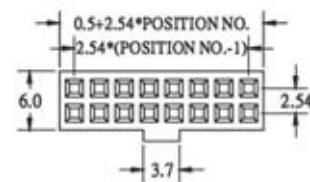
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

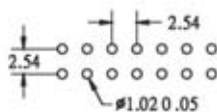
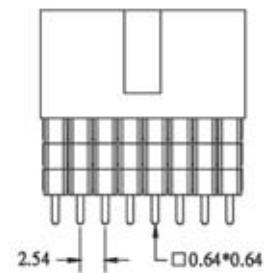
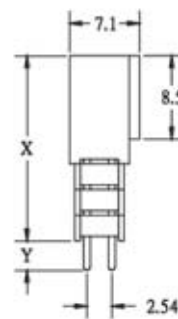
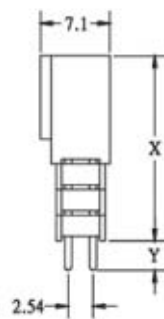
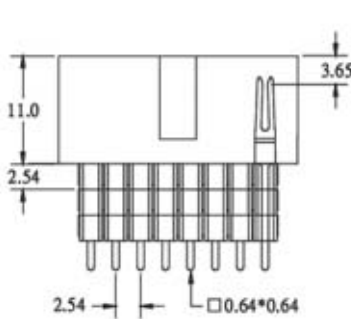
All materials must be RoHS compliant.



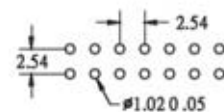
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 E X X - X X X X B
1 2 3

1. INSULATOR TYPE & LEAD STYLE:

"E63" TYPE A, X/Y=13.54/3.5MM

"E64" TYPE A, X/Y=16.08/2.8MM

"E65" TYPE A, X/Y=16.08/6.9MM

"E66" TYPE A, X/Y=18.62/4.4MM

"E67" TYPE B, X/Y=13.54/3.5MM

"E68" TYPE B, X/Y=16.08/2.8MM

"E69" TYPE B, X/Y=16.08/6.9MM

"E70" TYPE B, X/Y=18.62/4.4MM

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024,

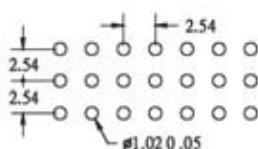
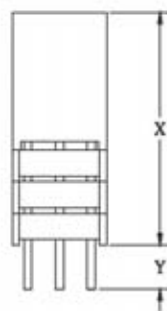
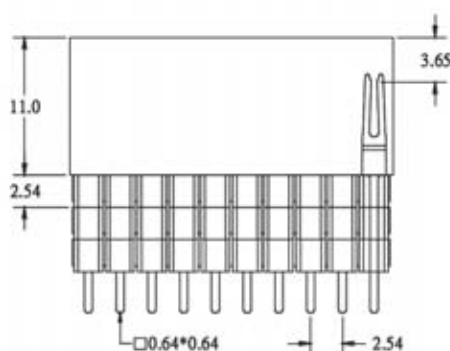
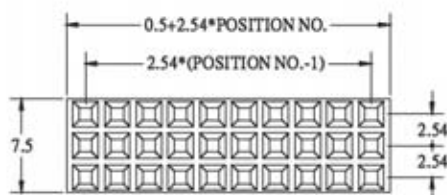
026, 030, 034, 040, 044, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER PROFILE=11.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 E X X - X X X X B
1 2 3

1. LEAD STYLE:

"E75" X/Y=13.54/3.5MM

"E76" X/Y=16.08/2.8MM

"E77" X/Y=16.08/6.9MM

"E78" X/Y=18.62/4.4MM

2. NO. OF CONTACTS:

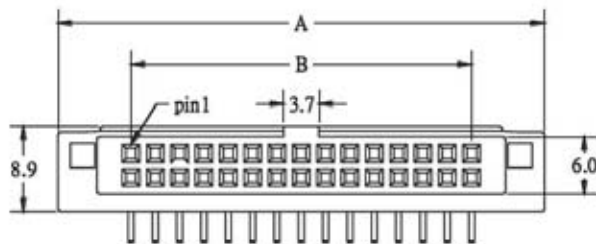
009 ~ 120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION CENTER BUMP RIGHT ANGLE DIP TYPE PROFILE=14.60MM



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

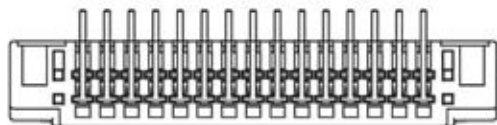
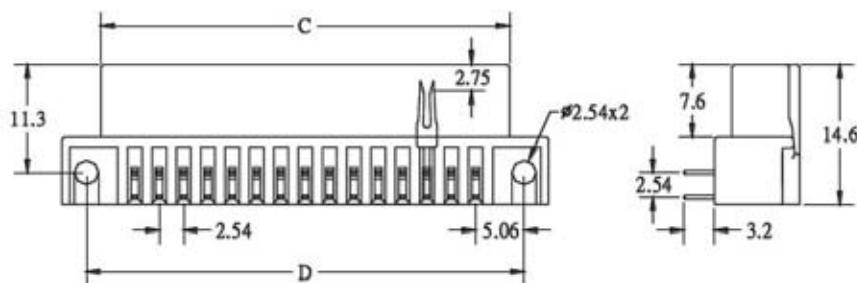
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



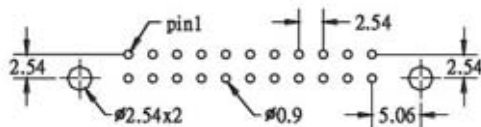
$$A = B + 15.22$$

$$B = 2.54 \times (\text{POSITIONS}/2 - 1)$$

$$C = B + 4.58 \text{ (FOR 6P ~ 20P)}$$

$$C = B + 7.12 \text{ (FOR 24P ~ 64P)}$$

$$D = B + 10.12$$



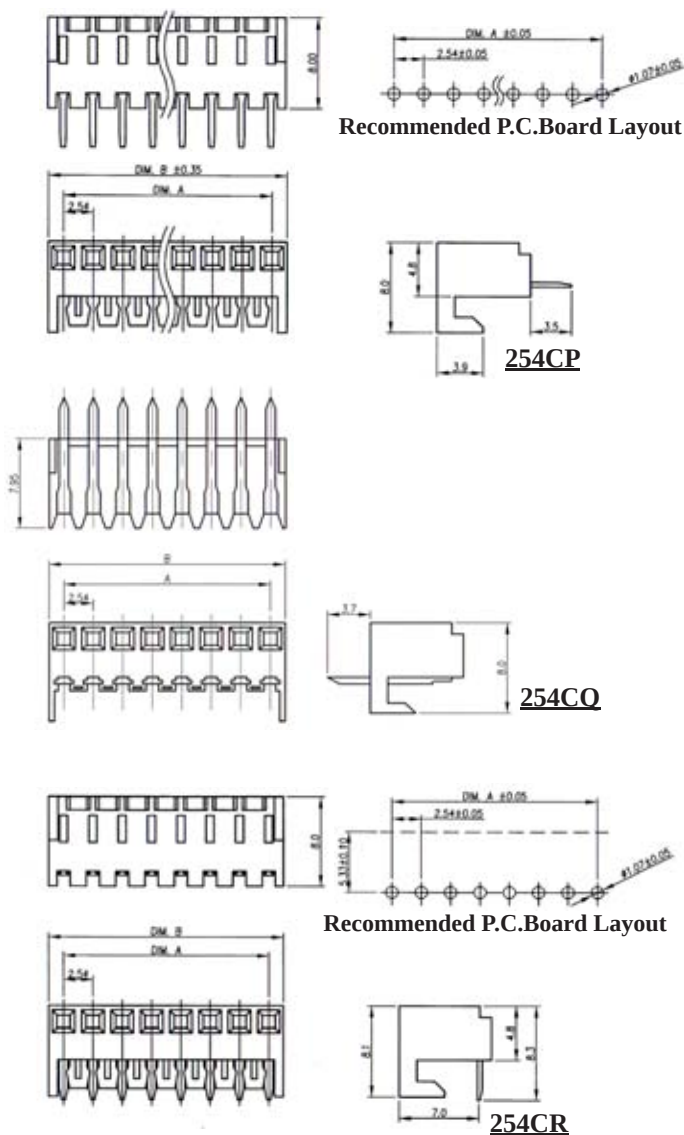
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 K 6 5 - x x x x B
1 2 3

1. CONTACT TYPE:
"K65" RIGHT ANGLE WITH POLARIZED CENTER BUMP
2. NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024,
026, 030, 034, 040, 044, 050, 060, 064
3. CONTACT FINISH:
"G" FULL GOLD PLATED

2.54MM(0.100") P.C.B. SOCKET



SPECIFICATIONS

Current Rating: 2.5 Amp

Insulation Resistance: 500MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: 0°C to +75°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		No. of Contacts	Dimensions(mm)	
	A	B		A	B
02	2.54	5.10	16	38.10	40.66
03	5.08	7.64	17	40.64	43.20
04	7.62	10.18	18	43.18	45.74
05	10.16	12.72	19	45.72	48.28
06	12.70	15.26	20	48.26	50.82
07	15.24	17.80	21	50.80	53.36
08	17.78	20.34	22	53.34	55.90
09	20.32	22.88	23	55.88	58.44
10	22.86	25.42	24	58.42	60.95
11	25.40	27.96	25	60.96	63.52
12	27.94	30.50	26	63.50	66.06
13	30.48	33.04	27	66.04	68.60
14	33.02	35.58	28	68.58	71.14
15	35.56	38.12	29	71.12	73.68

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4}$

- CONNECTOR TYPE:
"CP" TOP ENTRY STRAIGHT TYPE
"CQ" BOTTOM ENTRY STRAIGHT TYPE
"CR" RIGHT ANGLE TYPE
- NO. OF CONTACTS:
002 ~ 029
- CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED
- INSULATOR COLOR:
"W" WHITE (STANDARD)
"B" BLACK

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE PROFILE=1.90MM

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

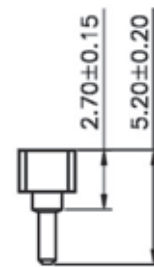
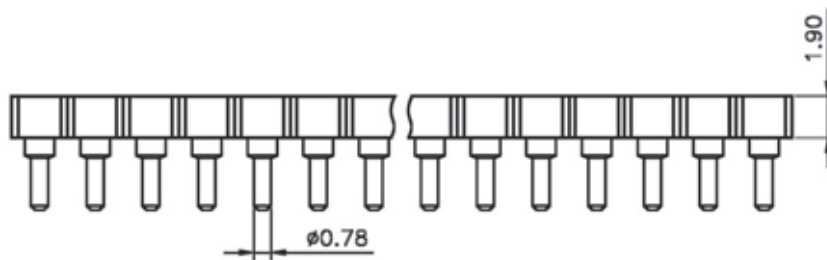
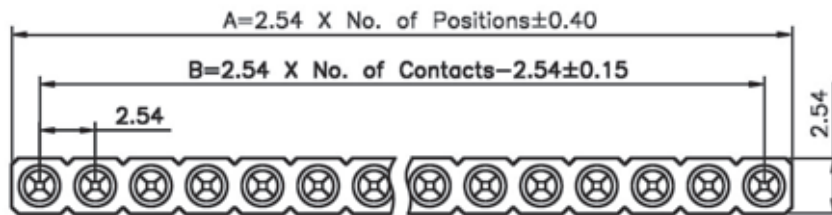
MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.



Recommended P.C.Board Layout

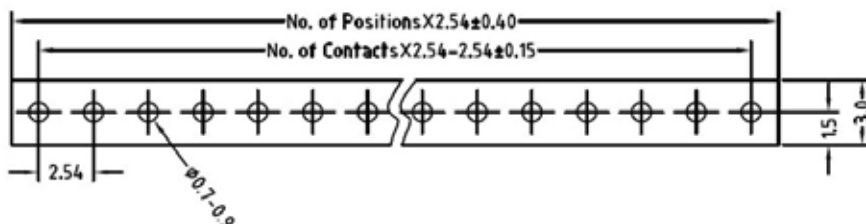
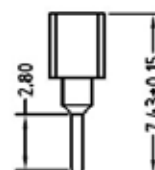
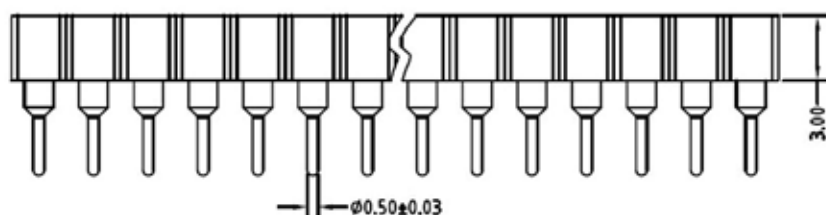
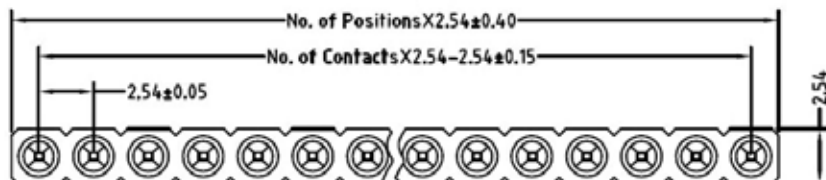
ORDERING INFORMATION:

P/N 2 5 M 3 0 - x x x x B
1 2 3

1. CONTACT TYPE:
"M30" WITH 4 FINGER CLIPS
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.45MM ~ 0.50MM
ROUND PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE PROFILE=3.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Glass Filled Thermoplastic

Polyster UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 M 0 6 - x x x x B
1 2 3

- CONTACT TYPE:
"M06" WITH 4 FINGER CLIPS
- NO. OF CONTACTS:
002 ~ 040
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH $\phi 0.45\text{MM} \sim 0.50\text{MM}$
ROUND PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE PROFILE=3.00MM

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

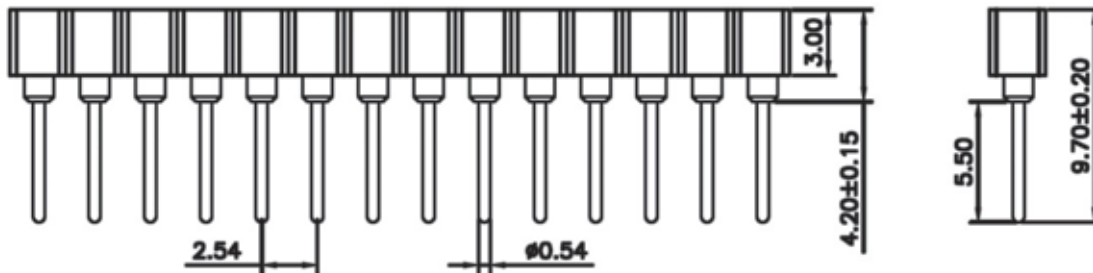
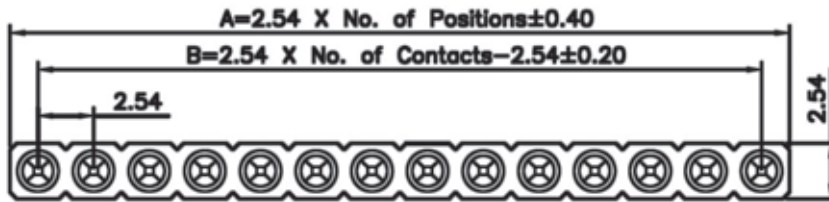
MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.



Recommended P.C.Board Layout

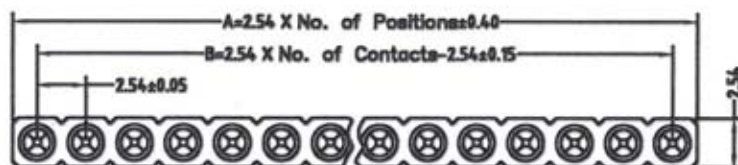
ORDERING INFORMATION:

P/N 2 5 M 3 3 - x x x x B
 1 2 3

1. CONTACT TYPE:
"M33" WITH 4 FINGER CLIPS
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.45MM ~ 0.50MM
ROUND PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE PROFILE=3.00MM



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

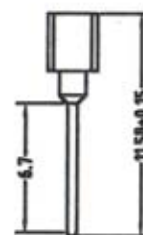
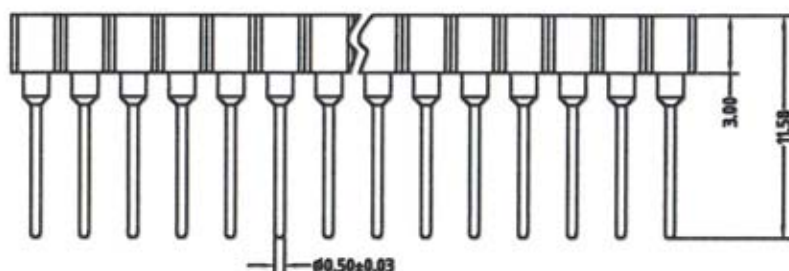
Insulator: Glass Filled Thermoplastic

Polyster UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 M40 - xxx x B
1 2 3

1. CONTACT TYPE:

"M40" WITH 4 FINGER CLIPS

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.45MM ~ 0.50MM
ROUND PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE PROFILE=3.00MM

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

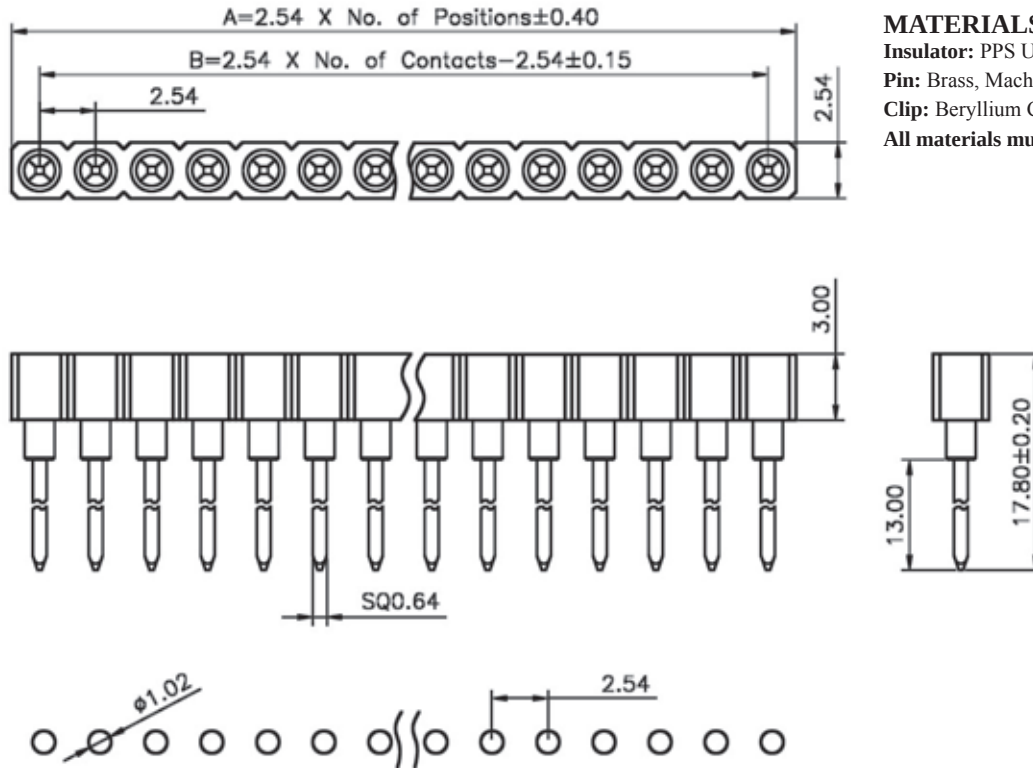
MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 M 0 7 - x x x x B
1 2 3

1. CONTACT TYPE:
"M07" WITH 4 FINGER CLIPS
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.45MM ~ 0.50MM
ROUND PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW SMT TYPE PROFILE=3.00MM

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

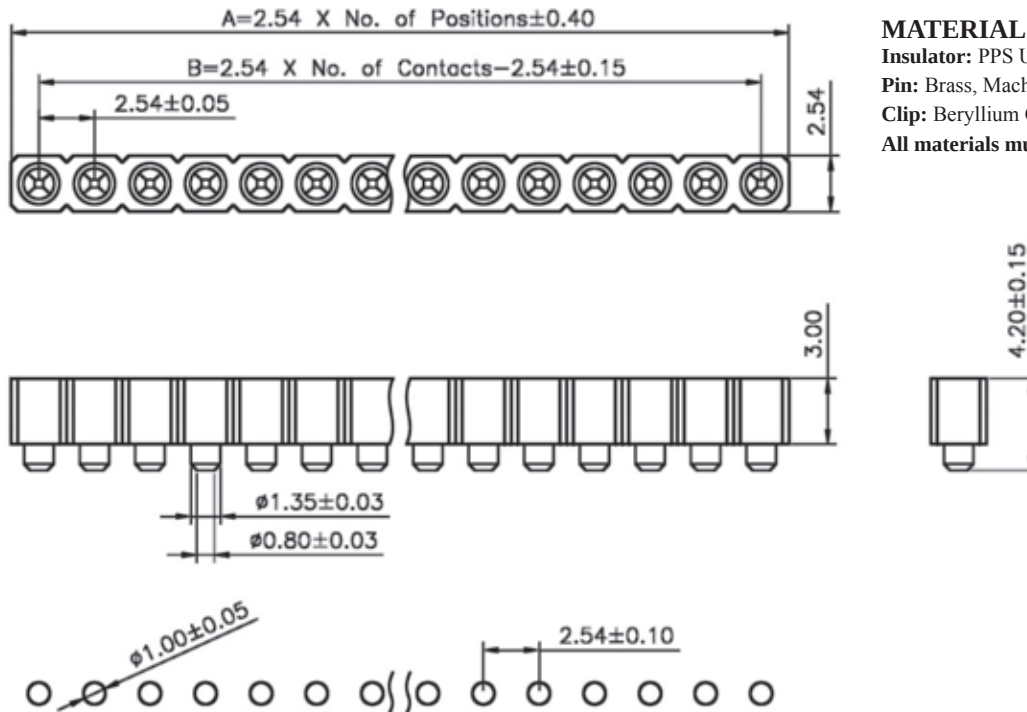
MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.



Recommended P.C.Board Layout

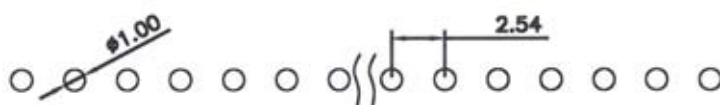
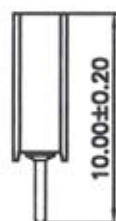
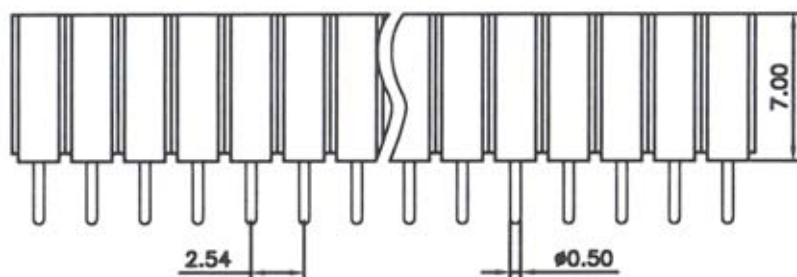
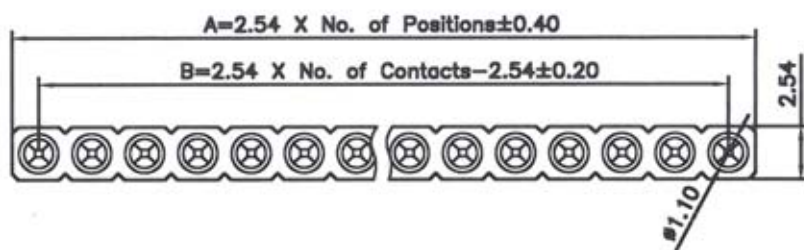
ORDERING INFORMATION:

P/N 2 5 M35 - x x x x B
1 2 3

1. CONTACT TYPE:
"M35" WITH 4 FINGER CLIPS
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.45MM ~ 0.50MM
ROUND PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE PROFILE=7.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 25 M12 - xxx x B
1 2 3

1. CONTACT TYPE:
"M12" WITH 4 FINGER CLIPS
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.45MM ~ 0.50MM
ROUND PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE PROFILE=7.00MM

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

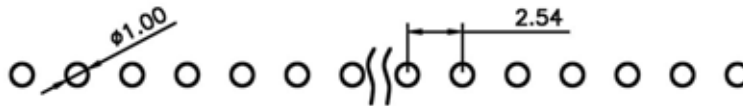
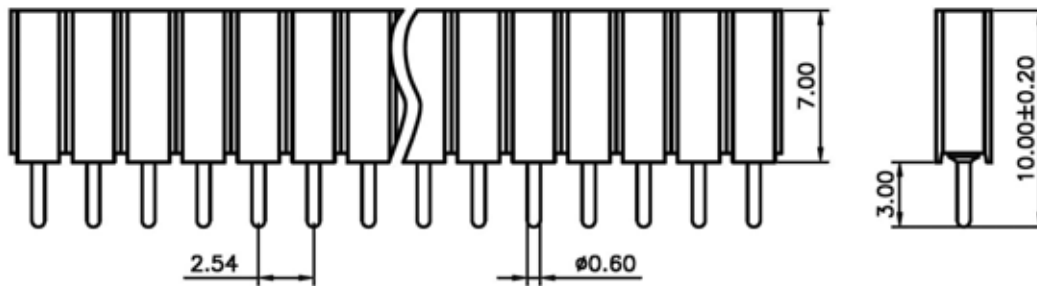
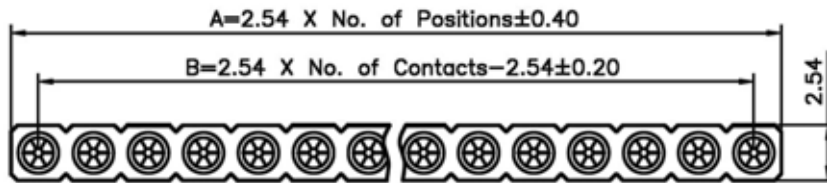
MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.



Recommended P.C.Board Layout

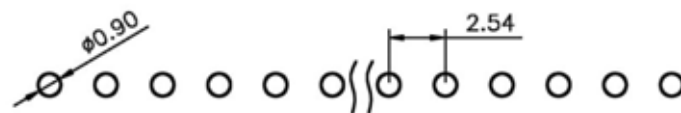
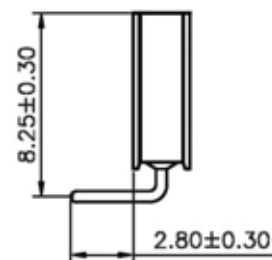
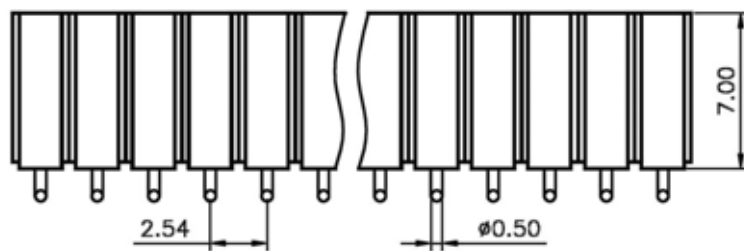
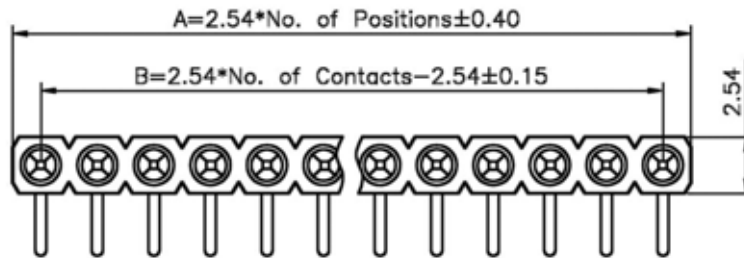
ORDERING INFORMATION:

P/N 2 5 M 1 3 - x x x x B
1 2 3

1. CONTACT TYPE:
"M13" WITH 6 FINGER CLIPS
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.75MM ~ 0.80MM ROUND PINS &
0.64MM x 0.64MM SQUARE PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=7.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 M 3 9 - x x x x B
1 2 3

1. CONTACT TYPE:

"M39" WITH 4 FINGER CLIPS

2. NO. OF CONTACTS:

002 ~ 040

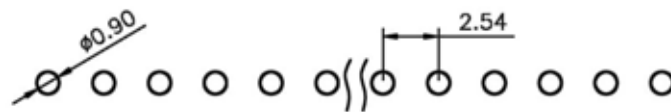
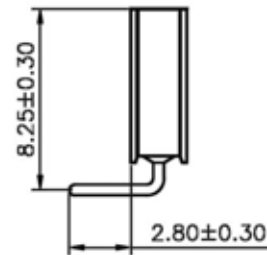
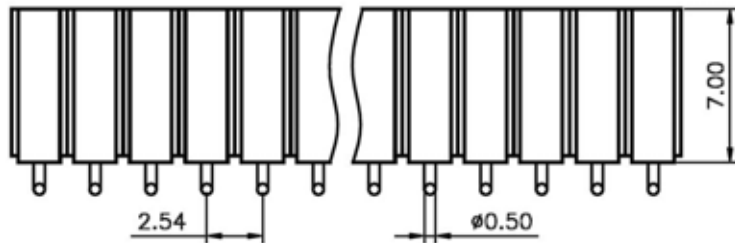
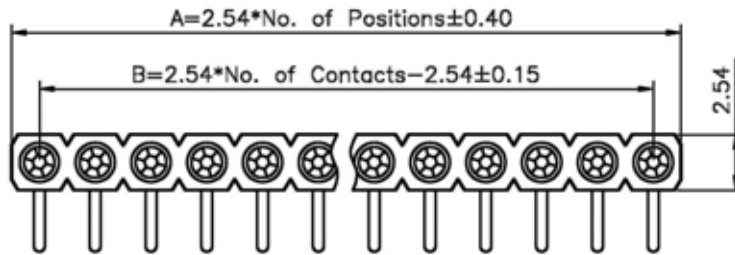
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH $\phi 0.45\text{MM} \sim 0.50\text{MM}$
ROUND PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=7.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.

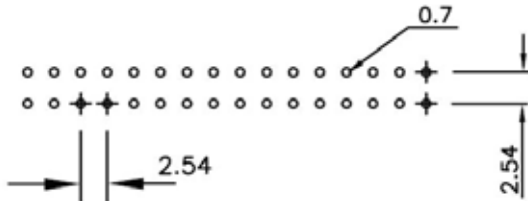
ORDERING INFORMATION:

P/N 2 5 M 3 1 - x x x x B
1 2 3

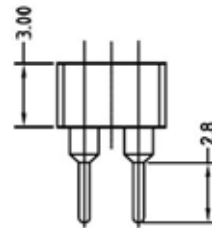
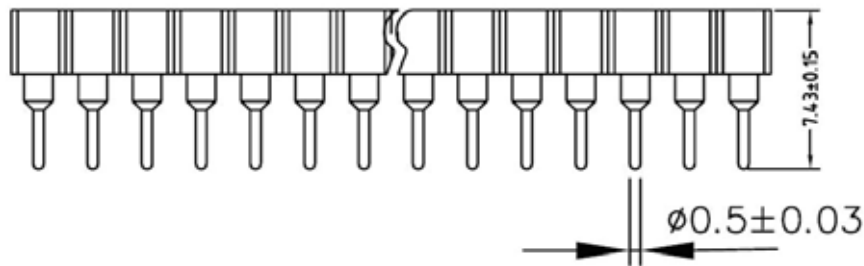
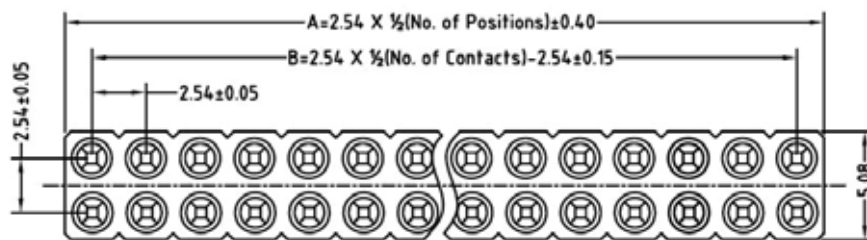
1. CONTACT TYPE:
"M31" WITH 6 FINGER CLIPS
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.75MM ~ 0.80MM ROUND PINS &
0.64MM x 0.64MM SQUARE PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS DOUBLE ROW STRAIGHT DIP TYPE PROFILE=3.00MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Glass Filled Thermoplastic

Polyster UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

All materials must be RoHS compliant.

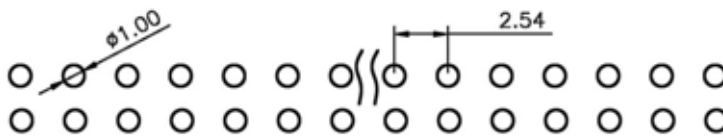
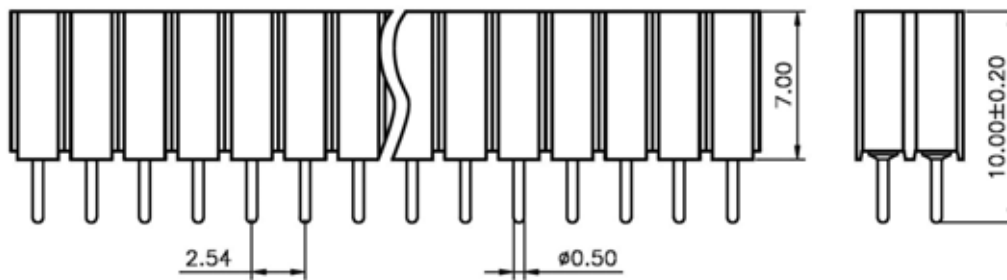
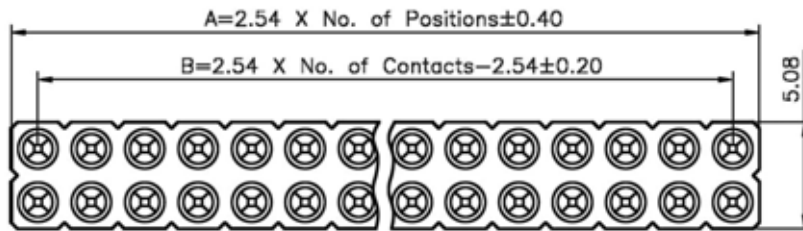
ORDERING INFORMATION:

P/N 2 5 M14 - xxx x B
1 2 3

1. CONTACT TYPE:
"M14" WITH 4 FINGER CLIPS
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.45MM ~ 0.50MM
ROUND PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS DOUBLE ROW STRAIGHT DIP TYPE PROFILE=7.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.

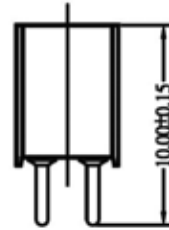
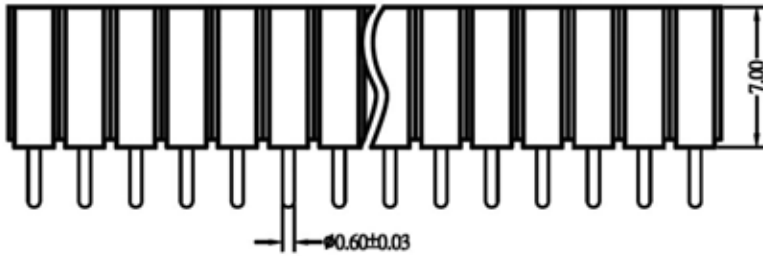
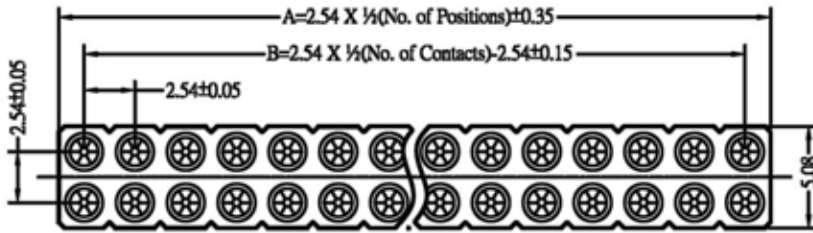
ORDERING INFORMATION:

P/N 25 M15 - xxx x B
1 2 3

1. CONTACT TYPE:
"M15" WITH 4 FINGER CLIPS
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.45MM ~ 0.50MM
ROUND PINS

**2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS
DOUBLE ROW STRAIGHT DIP TYPE PROFILE=7.00MM**



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Glass Filled Thermoplastic

Polyster UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 25 M 38 - x x x x B
 1 2 3

1. CONTACT TYPE:
"M38" WITH 6 FINGER CLIPS
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.75MM ~ 0.80MM ROUND PINS & 0.64MM x 0.64MM SQUARE PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS DOUBLE ROW RIGHT ANGLE DIP TYPE PROFILE=7.00MM

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

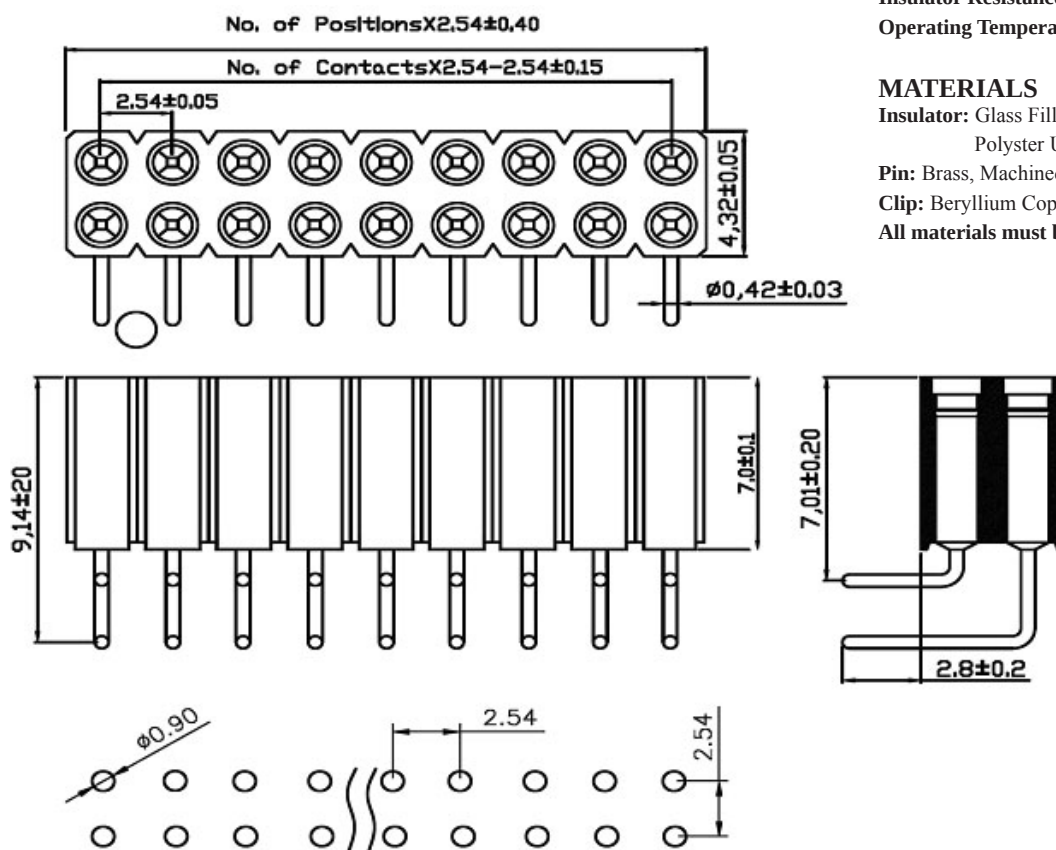
Insulator: Glass Filled Thermoplastic

Polyster UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

Clip: Beryllium Copper

All materials must be RoHS compliant.



Recommended P.C.Board Layout

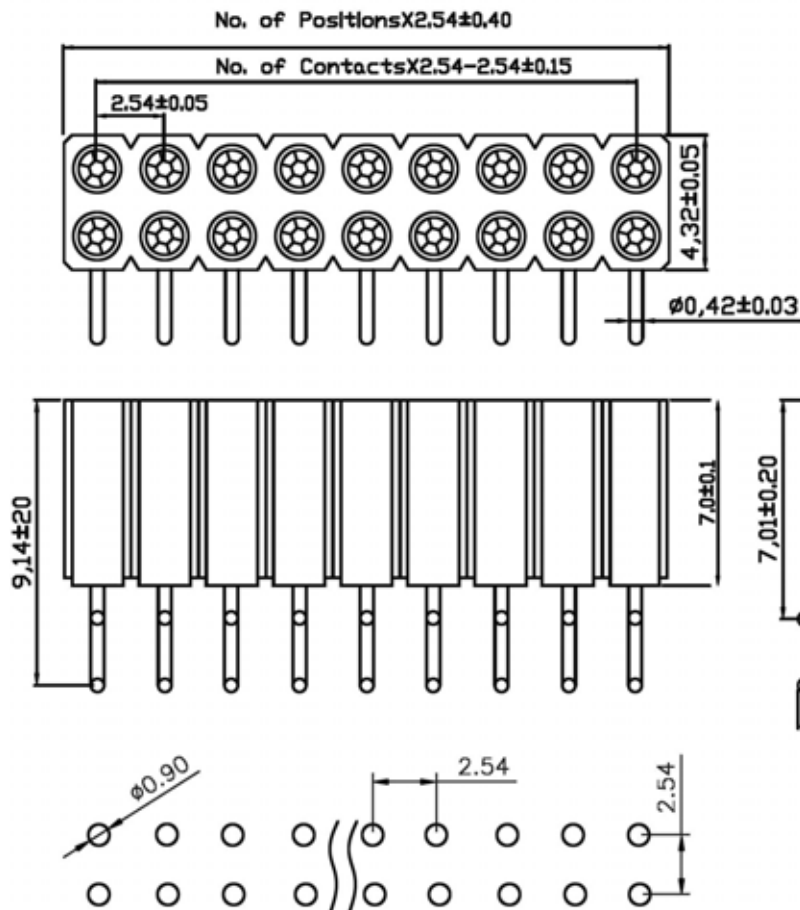
ORDERING INFORMATION:

P/N 2 5 M 3 7 - x x x x B
1 2 3

1. CONTACT TYPE:
"M37" WITH 4 FINGER CLIPS
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.45MM ~ 0.50MM
ROUND PINS

2.54MM(0.100") SIP SOCKET WITH SCREW MACHINED CONTACTS DOUBLE ROW RIGHT ANGLE DIP TYPE PROFILE=7.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A
Voltage Rating: 60V AC/DC
Contact Resistance: 4mΩ Max.
Insulator Resistance: 1000MΩ Min.
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Glass Filled Thermoplastic
Polyester UL94V-0, Black
Pin: Brass, Machined CuZn38Pb2
Clip: Beryllium Copper
All materials must be RoHS compliant.

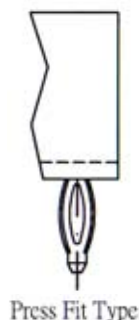
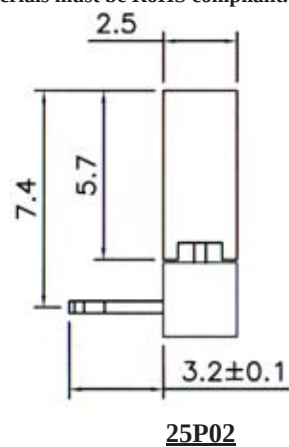
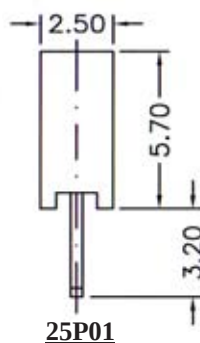
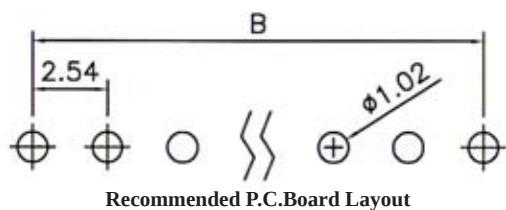
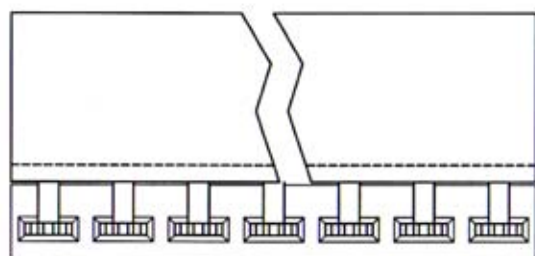
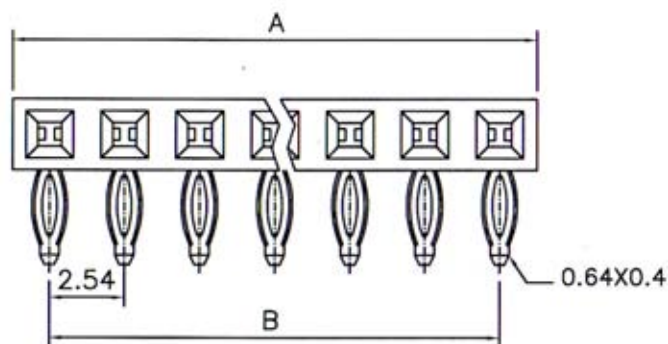
ORDERING INFORMATION:

P/N 2 5 M 3 2 - x x x x B
 1 2 3

1. CONTACT TYPE:
"M32" WITH 6 FINGER CLIPS
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.75MM ~ 0.80MM ROUND PINS &
0.64MM x 0.64MM SQUARE PINS

2.54MM(0.100") FEMALE HEADER SINGLE ROW PRESS FIT TYPE PROFILE=5.70MM



SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0 P.B.T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.

DIMENSIONS:

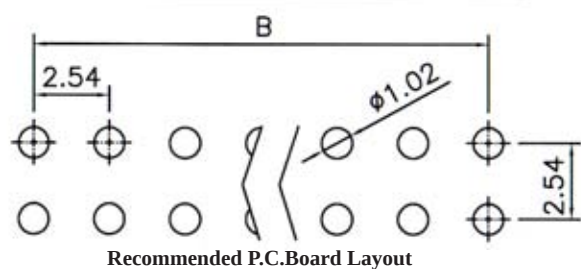
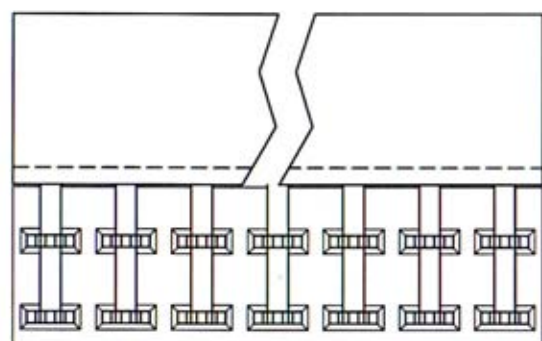
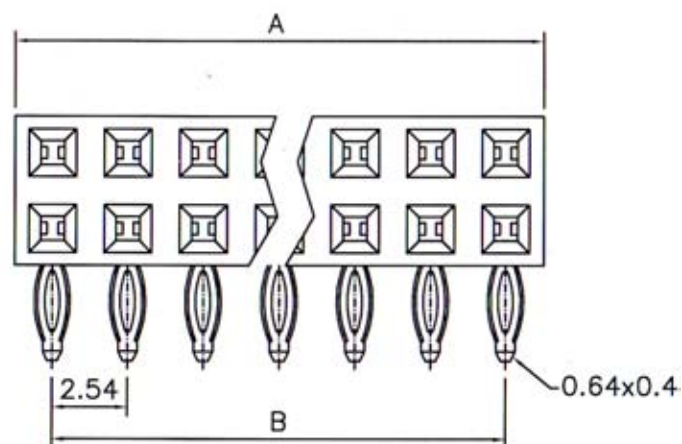
A = 2.54 x No. of Position
 B = 2.54 x No. of Position - 2.54

ORDERING INFORMATION:

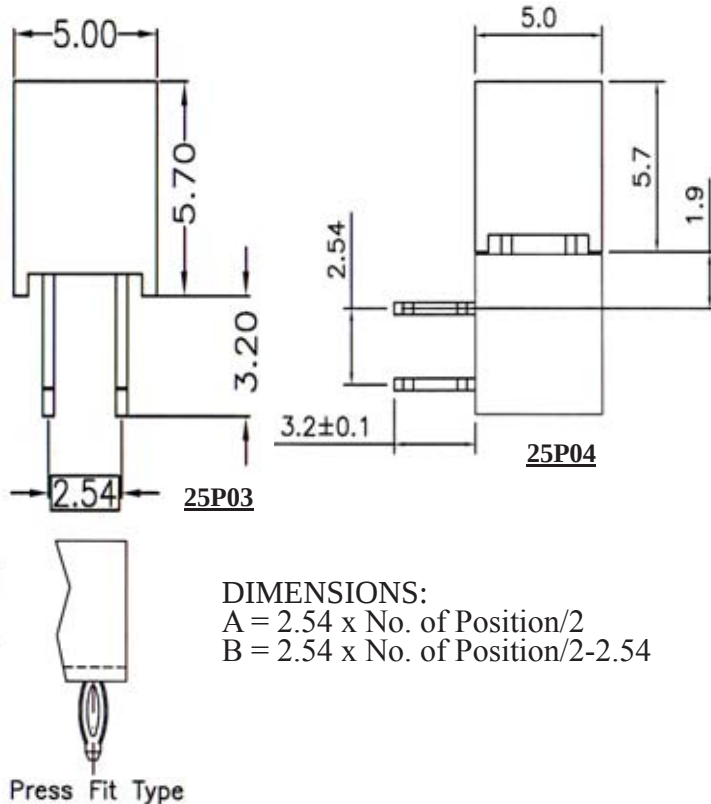
P/N 25 $\frac{P_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B$

1. TERMINAL TYPE:
 "P01" STRAIGHT TYPE
 "P02" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
 002 ~ 040
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER DOUBLE ROW PRESS FIT TYPE PROFILE=5.70MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
P.B.T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.

DIMENSIONS:

A = 2.54 x No. of Position/2

B = 2.54 x No. of Position/2-2.54

ORDERING INFORMATION:

P/N 25 $\frac{P_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B$

1. TERMINAL TYPE:

"P03" STRAIGHT TYPE

"P04" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

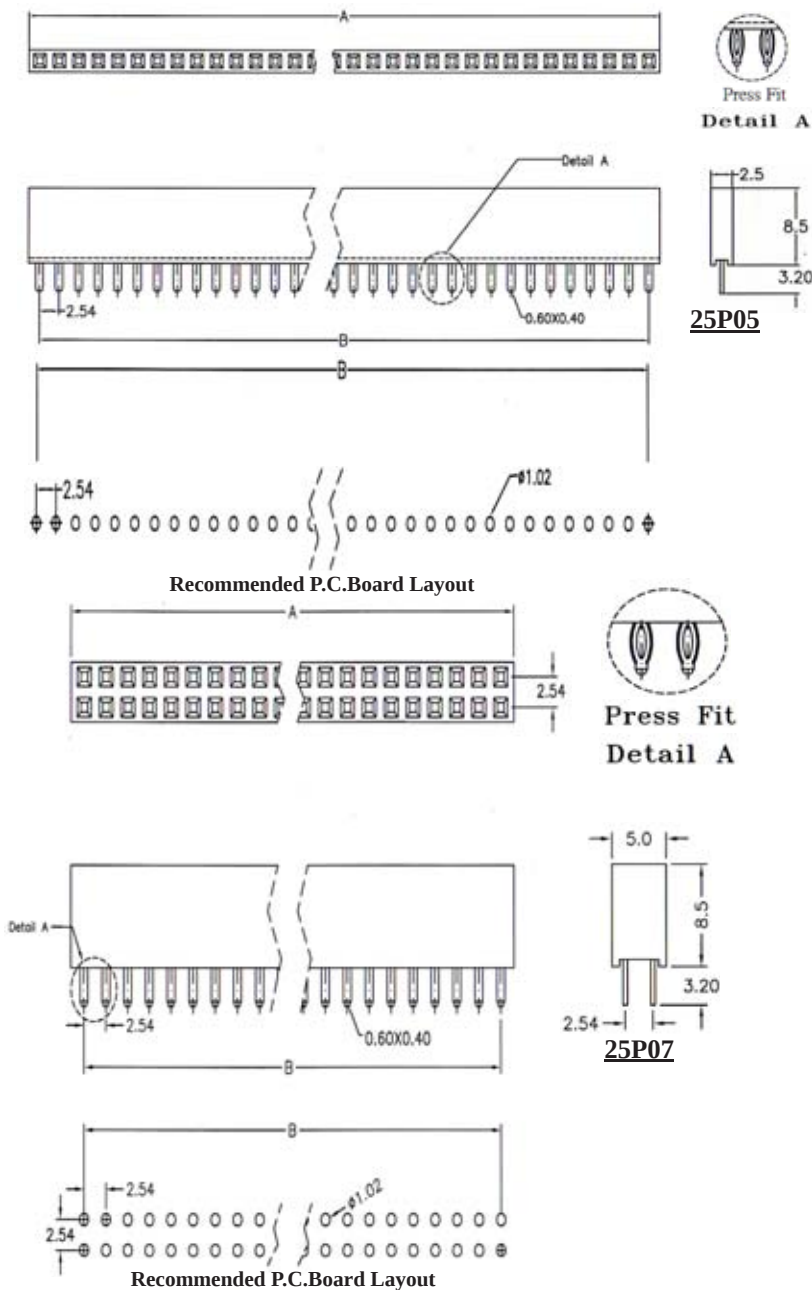
004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER STRAIGHT PRESS FIT TYPE PROFILE=8.50MM



SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
P.B.T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.

25P05

DIMENSIONS:

A = 2.54 x No. of Position
B = 2.54 x No. of Position-2.54

25P07

DIMENSIONS:

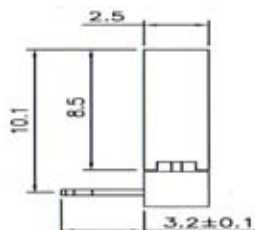
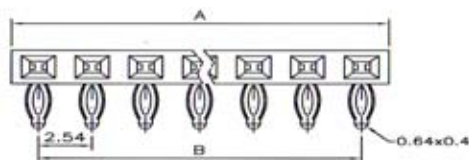
A = 2.54 x No. of Position/2
B = 2.54 x No. of Position/2-2.54

ORDERING INFORMATION:

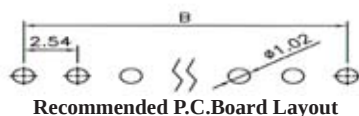
P/N 25 $\frac{P \times X}{1} - \frac{X \times X \times X}{2 \ 3} B$

1. NO. OF ROWS:
"05" SINGLE ROW
"07" DOUBLE ROW
2. NO. OF CONTACTS:
002 ~ 040 FOR SINGLE ROW
004 ~ 080 FOR DOUBLE ROW
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

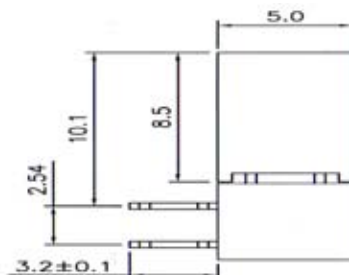
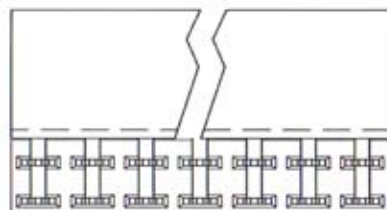
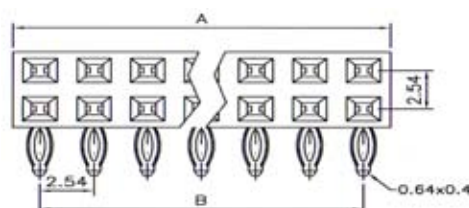
2.54MM(0.100") FEMALE HEADER RIGHT ANGLE PRESS FIT TYPE PROFILE=8.50MM



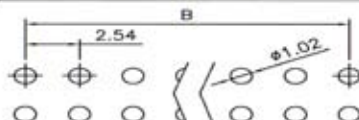
25P06



Recommended P.C.Board Layout



25P08



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
P.B.T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.

25P06

DIMENSIONS:

A = 2.54 x No. of Position + 0.4

B = 2.54 x No. of Position - 2.54

25P08

DIMENSIONS:

A = 2.54 x No. of Position / 2 + 0.4

B = 2.54 x No. of Position / 2 - 2.54

ORDERING INFORMATION:

P/N 25 $\frac{P \times \times}{1} - \frac{\times \times \times \times}{2} \frac{\times}{3} B$

1. NO. OF ROWS:

"P06" SINGLE ROW

"P08" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

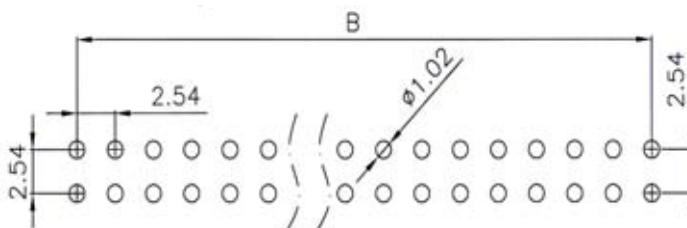
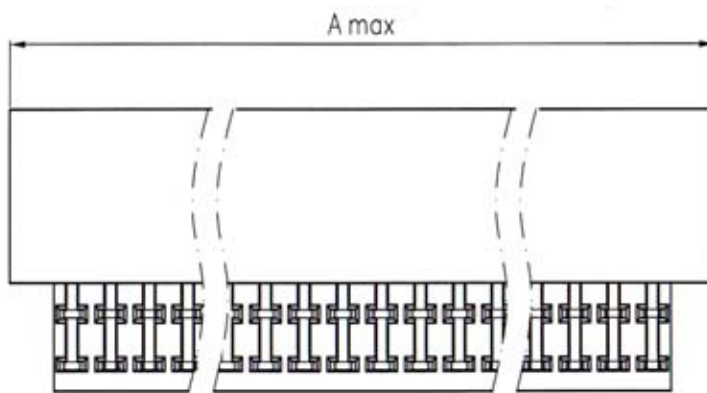
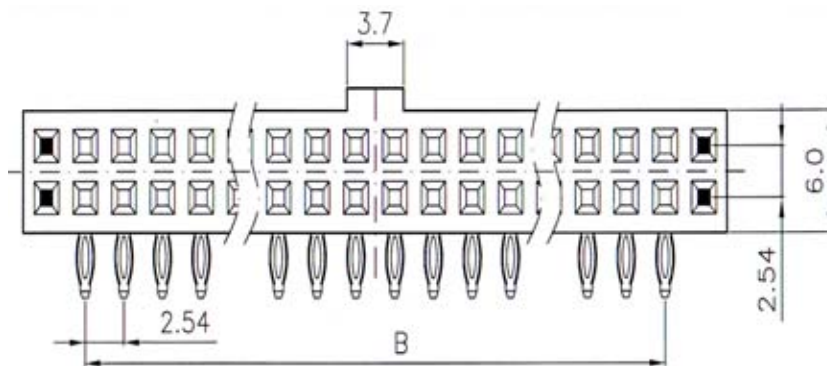
004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER DOUBLE ROW PRESS FIT TYPE PROFILE=8.50MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

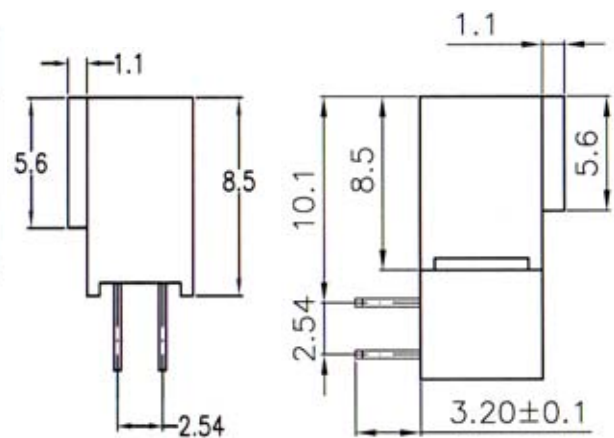
Insulation Material: Polyester, UL 94V-0

P.B.T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



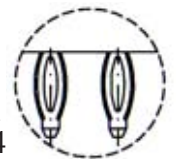
25P19

25P20

DIMENSIONS:

A = 2.54 x (No. of Positions+4)/2

B = 2.54 x No. of Positions/2-2.54



Press Fit

ORDERING INFORMATION:

P/N 2 5 P₁xx - xx xx B

1. TERMINAL TYPE:

"P19" STRAIGHT TYPE

"P20" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

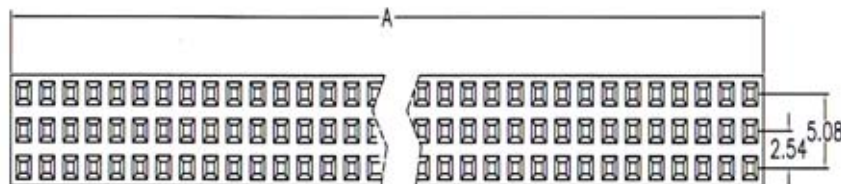
004 ~ 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER TRIPLE ROW PRESS FIT TYPE PROFILE=8.50MM



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

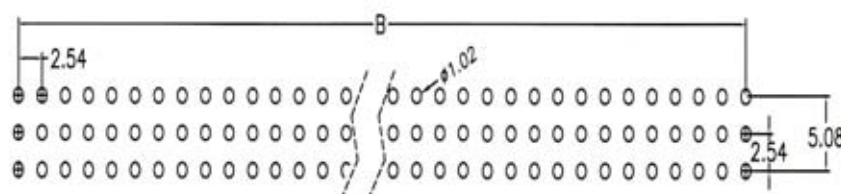
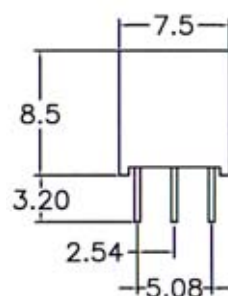
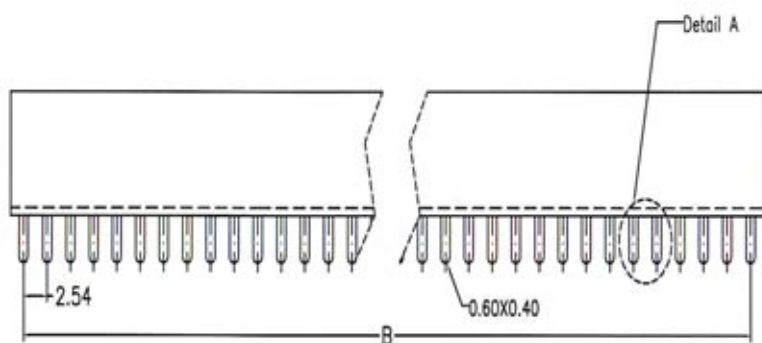
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
P.B.T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Press Fit

DIMENSIONS:

A = 2.54 x No. of Positions/3

B = 2.54 x No. of Positions/3-2.54

ORDERING INFORMATION:

P/N 2 5 P09 - x x x x B
1 2 3

1. TERMINAL TYPE:

"P09" STRAIGHT TYPE

2. NO. OF CONTACTS:

006 ~ 120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER SINGLE ROW PRESS FIT TYPE

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

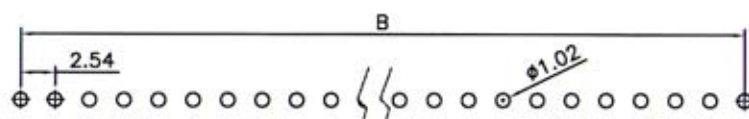
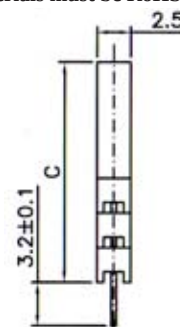
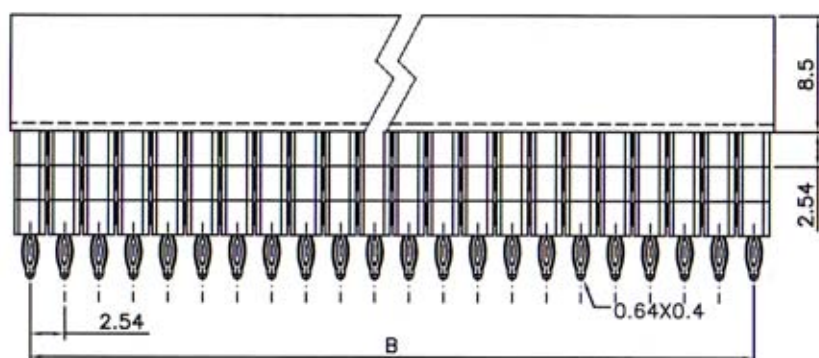
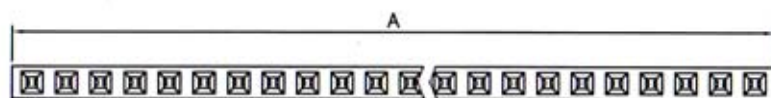
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
P.B.T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

A	2.54 x No. of Positions+0.4			
B	2.54 x No. of Positions-2.54			
C (Code)	P11	P12	P13	P14
	11.05	13.59	16.13	18.67

ORDERING INFORMATION:

P/N 2 5 $\frac{P_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. ELEVATED HEIGHT:

"P11" C=11.05mm

"P12" C=13.59mm

"P13" C=16.13mm

"P14" C=18.67mm

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

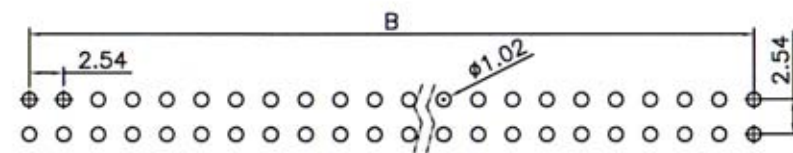
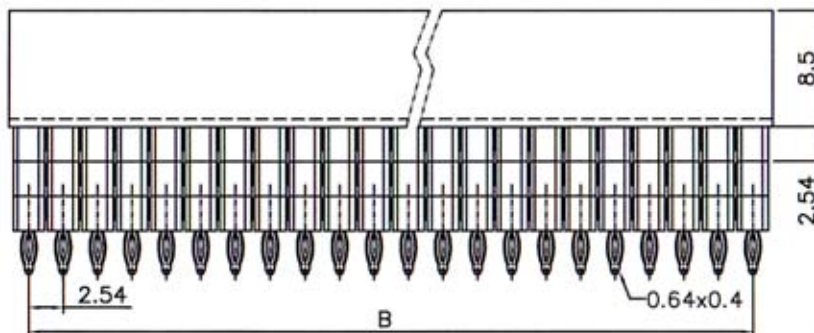
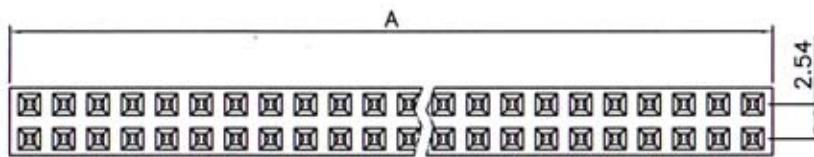
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE OPTION:

"T" W/O PAD IN TUBE

2.54MM(0.100") ELEVATED FEMALE HEADER DOUBLE ROW PRESS FIT TYPE



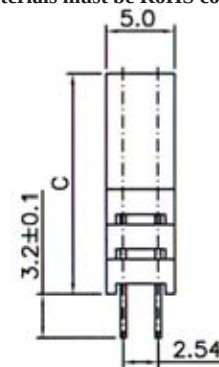
Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 P.B.T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
 All materials must be RoHS compliant.



DIMENSIONS:

A	2.54 x No. of Positions/2+0.4			
B	2.54 x No. of Positions/2-2.54			
C (Code)	P21	P22	P23	P24
	11.05	13.59	16.13	18.67

ORDERING INFORMATION:

P/N 2 5 $\frac{P_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. ELEVATED HEIGHT:

"P21" C=11.05mm
 "P22" C=13.59mm
 "P23" C=16.13mm
 "P24" C=18.67mm

2. NO. OF CONTACTS:

004 ~ 080

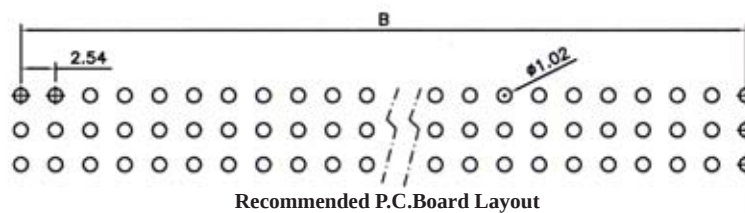
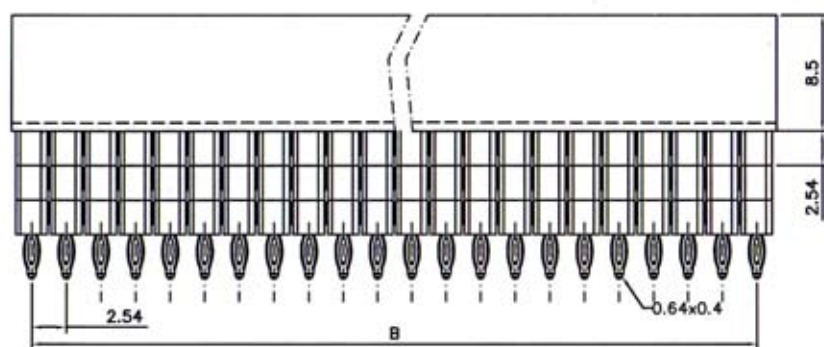
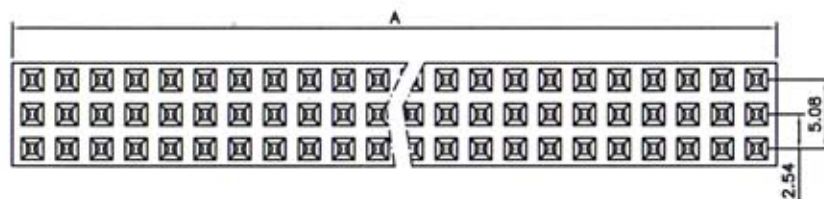
3. CONTACT FINISH:

"G" FULL GOLD PLATED
 "T" FULL TIN PLATED

4. PACKAGE OPTION:

"T" W/O PAD IN TUBE

2.54MM(0.100") ELEVATED FEMALE HEADER TRIPLE ROW PRESS FIT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

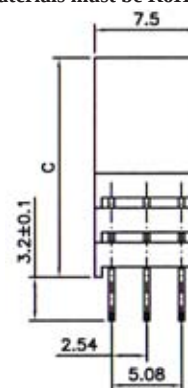
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
P.B.T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



DIMENSIONS:

A	2.54 x No. of Positions/3+0.4			
B	2.54 x No. of Positions/3-2.54			
C (Code)	P31	P32	P33	P34
	11.05	13.59	16.13	18.67

ORDERING INFORMATION:

P/N 25 $\frac{P_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. ELEVATED HEIGHT:

"P31" C=11.05mm

"P32" C=13.59mm

"P33" C=16.13mm

"P34" C=18.67mm

2. NO. OF CONTACTS:

009 ~ 096

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE OPTION:

"T" W/O PAD IN TUBE

2.54MM(0.100") FEMALE HEADER SINGLE ROW SIDE ENTRY SMT TYPE PROFILE=3.40MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

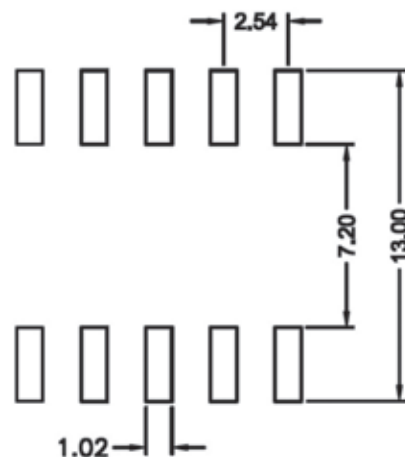
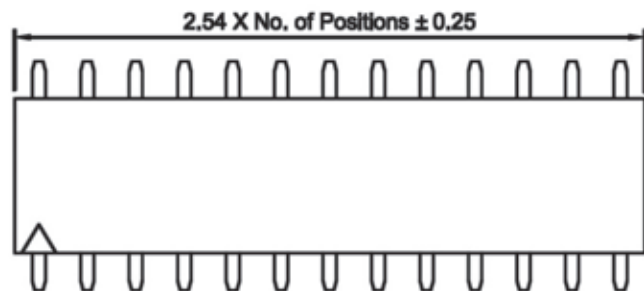
MATERIALS

Contact Material: Phosphor Bronze

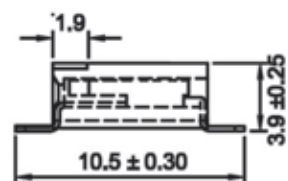
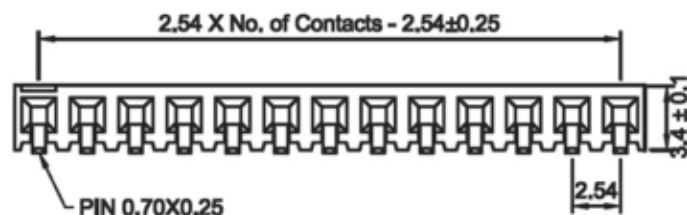
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

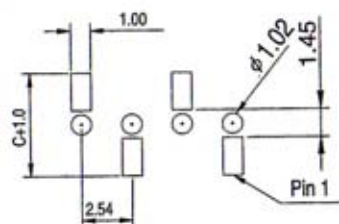
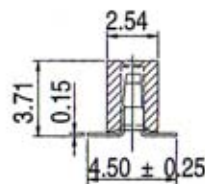
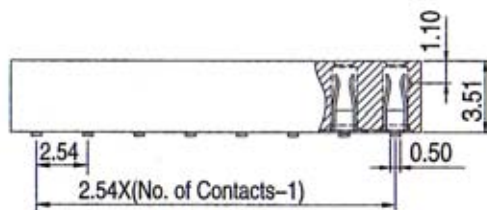
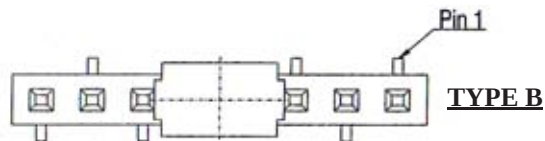
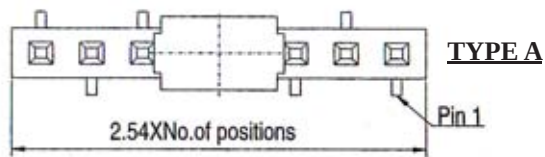
P/N 2 5 4 B P- x x x x B - x
1 2 3 4

1. LOCATING PEG OPTION:
"BP" SINGLE ROW SIDE ENTRY SMT TYPE
2. NO. OF CONTACTS:
002~040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

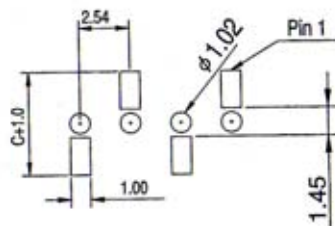
4. PAD, FILM & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL
"F" WITH FILM IN TUBE
"G" WITH FILM IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=3.50MM



Recommended P.C.Board Layout
Type A



Recommended P.C.Board Layout
Type B

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 50V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Nylon-6T, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 $\frac{H}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4} B - \frac{x}{4}$

1. PCB LAYOUT TYPE:

"H31" TYPE A

"H32" TYPE B

2. NO. OF CONTACTS:

004 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM (0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=3.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

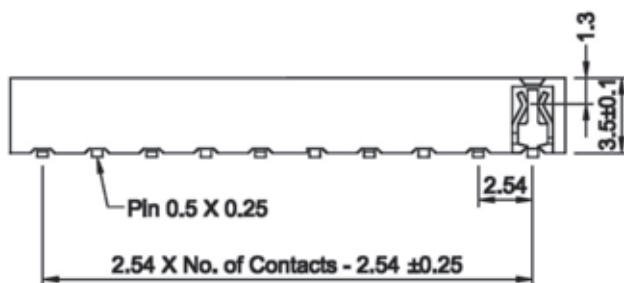
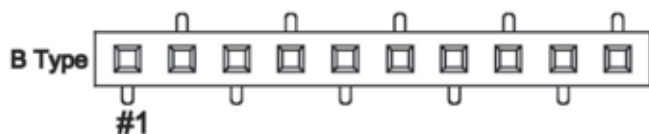
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

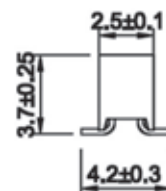
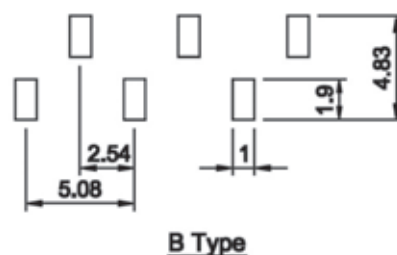
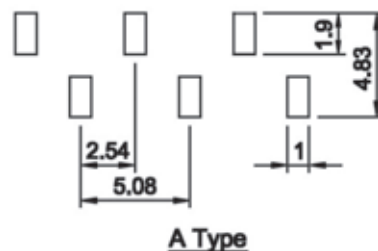
Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. PCB LAYOUT TYPE:

"AC" A TYPE

"AZ" B TYPE

2. NO. OF CONTACTS:

004~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

"G" WITH FILM IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM (0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=3.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

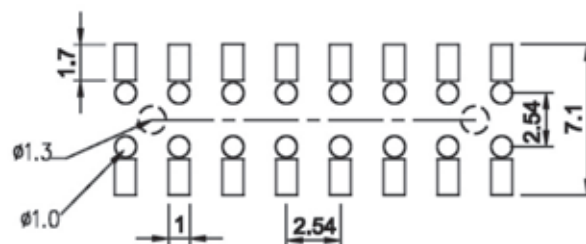
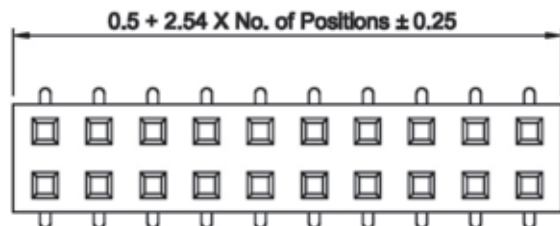
MATERIALS

Contact Material: Phosphor Bronze

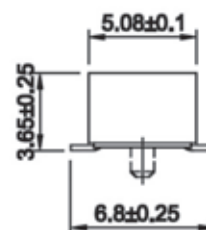
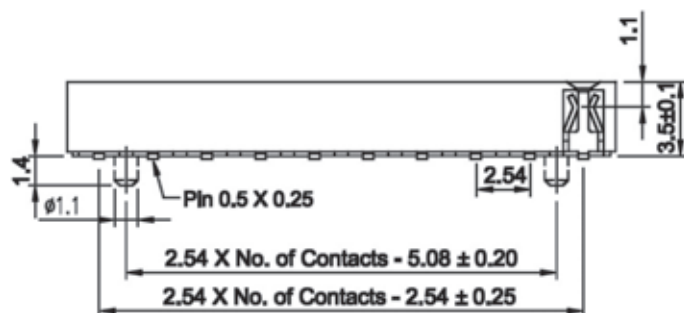
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:

"AT" W/O LOCATING PEG

"AW" WITH LOCATING PEG

2. NO. OF CONTACTS:

004~080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

"G" WITH FILM IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=3.51MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

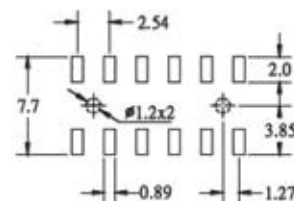
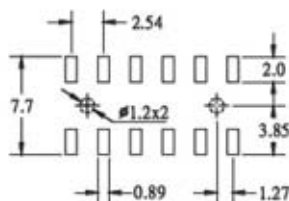
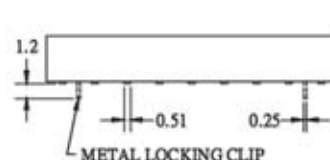
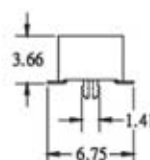
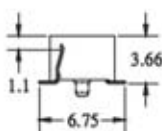
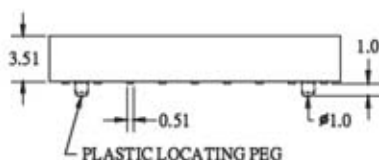
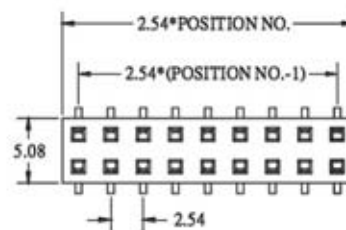
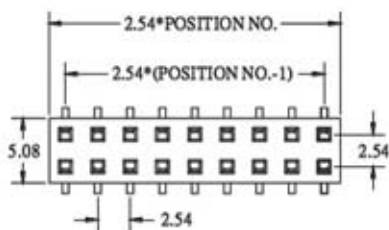
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: LCP, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG TYPE:

"K02" WITHOUT LOCATING PEGS

"K03" WITH PLASTIC LOCATING PEGS

"K04" WITH METAL LOCKING CLIPS

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=3.55MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

Operating Temperature: -40°C to +105°C

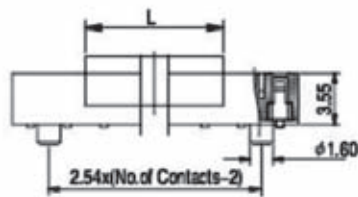
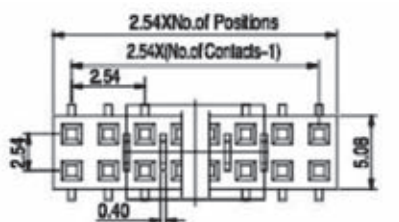
MATERIALS

Insulator: LCP, Glass Reinforced, UL94V-0

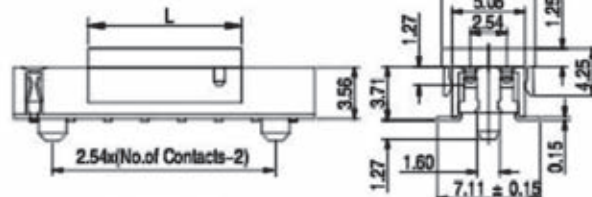
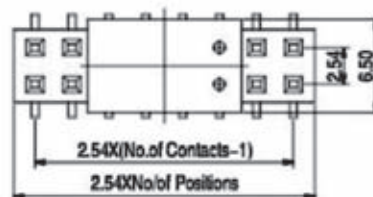
Contacts: Phosphor Bronze

All materials must be RoHS compliant.

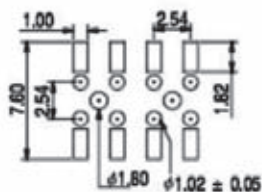
B Type Cap Option	Length
PIN ≤ 6	L=5.08mm
PIN > 6	L=10.16mm



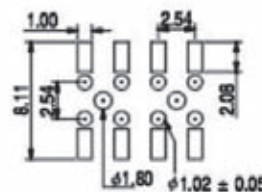
Type A 04 To 40 Poles



04 To 60 Poles Type C



Recommended P.C. Board Layout
Type A



Recommended P.C. Board Layout
Type C

ORDERING INFORMATION:

P/N 25 xxx - xxx x B - x
1 2 3 4

1. CONNECTOR TYPE:

- "A31" TYPE A WITHOUT LOCATING PEGS
- "A32" TYPE A WITH LOCATING PEGS
- "A33" TYPE C WITHOUT LOCATING PEGS
- "A34" TYPE C WITH LOCATING PEGS

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

- "G" FULL GOLD PLATED
- "S" SELECTIVE GOLD PLATED
- "T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

- "T" W/O PAD IN TUBE
- "P" WITH PAD IN TUBE
- "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=3.55MM

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 250V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

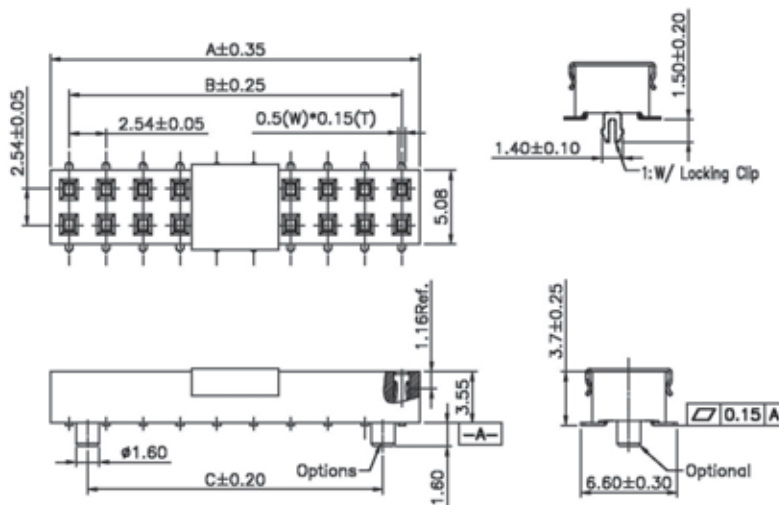
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T or LCP UL94V-0, Black

Contact: Phosphor Bronze

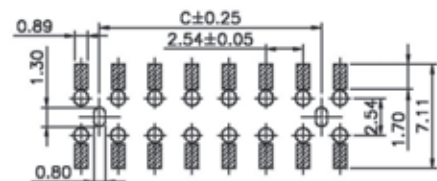
All materials must be RoHS compliant.



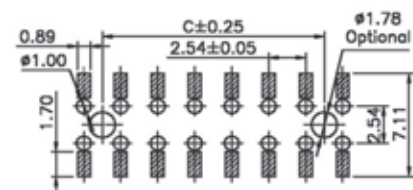
$$A = B + 2.54$$

$$B = 2.54 \times (\text{NO. OF CONTACTS / ROW} - 1)$$

$$C = B - 2.54$$



Recommended P.C.Board Layout
(Locking Clip)



Recommended P.C.Board Layout
(Locating Peg)

ORDERING INFORMATION:

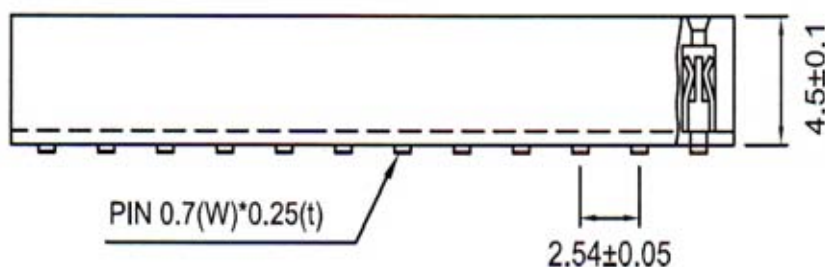
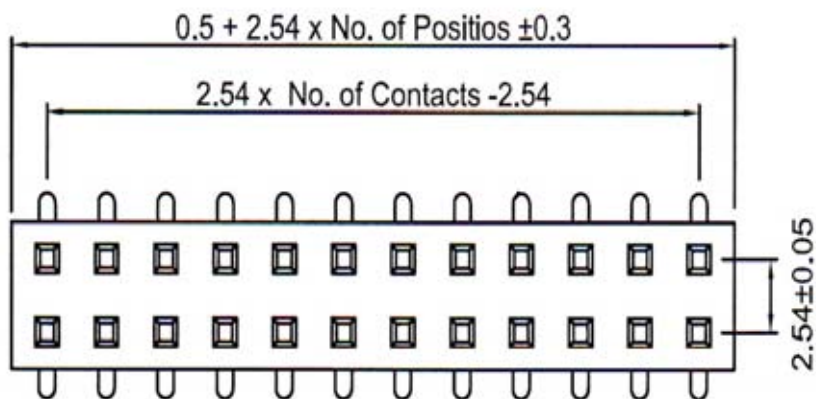
P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"AF" WITHOUT LOCATING PEGS
"AH" WITH LOCATING PEGS
"AJ" WITH LOCKING CLIPS
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=4.50MM



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

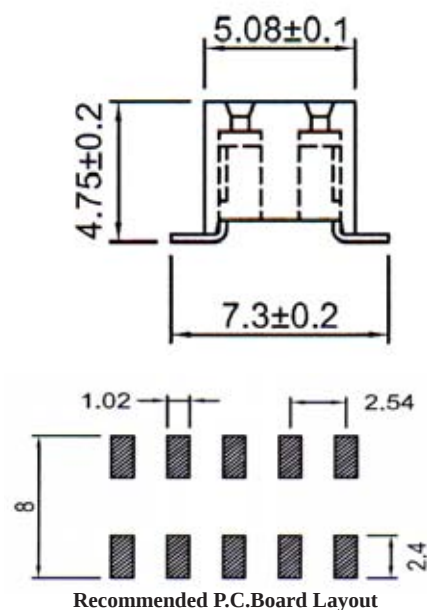
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 25 $\frac{A_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. CONNECTOR TYPE:

"A16" WITHOUT LOCATING PEG

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

"G" WITH FILM IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=5.00MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

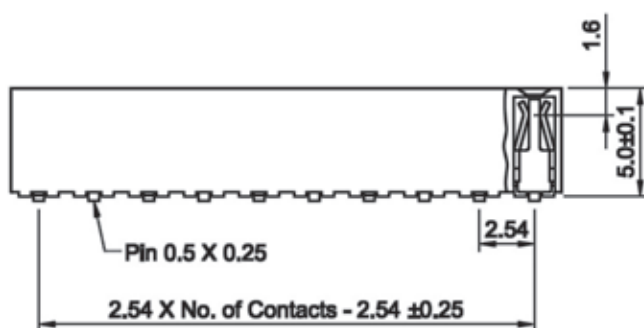
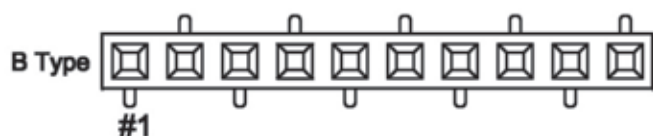
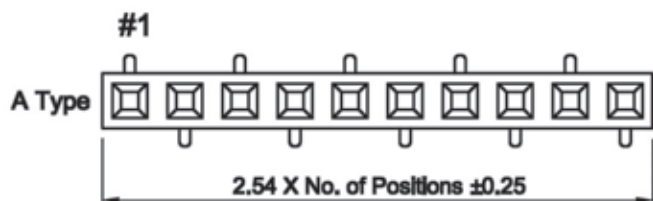
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

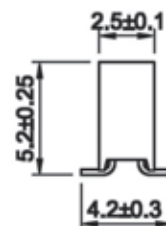
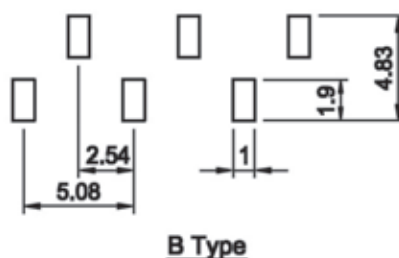
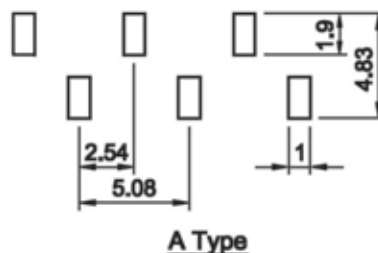
Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 25 $\frac{\text{xxx}}{1}$ - $\frac{\text{xxx}}{2}$ $\frac{\text{xx}}{3}$ B - $\frac{\text{x}}{4}$

1. PCB LAYOUT TYPE:

"F33" A TYPE

"F34" B TYPE

2. NO. OF CONTACTS:

004~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

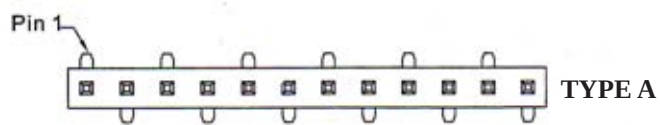
"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

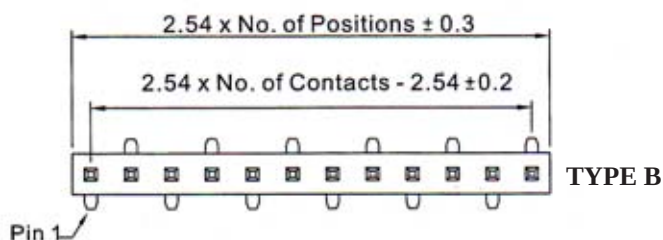
"G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

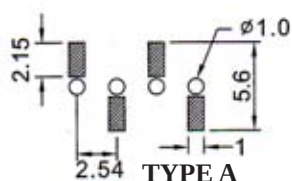
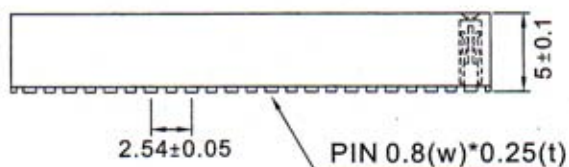
2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=5.00MM



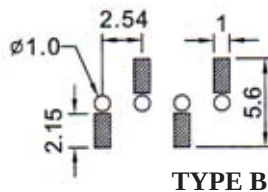
TYPE A



TYPE B



Recommended P.C.Board Layout



TYPE B

Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 25 Axx - xxxx B - x
1 2 3 4

1. PCB LAYOUT TYPE:

"A09" TYPE A

"A10" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

"G" WITH FILM IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=5.00MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

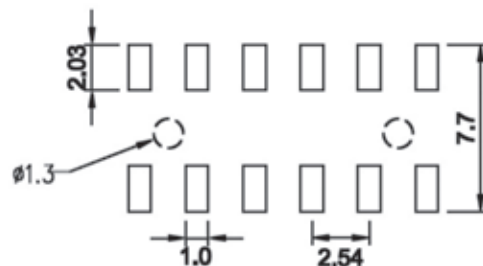
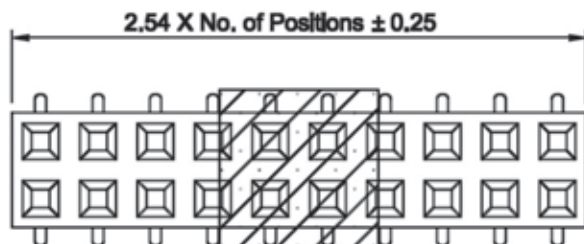
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

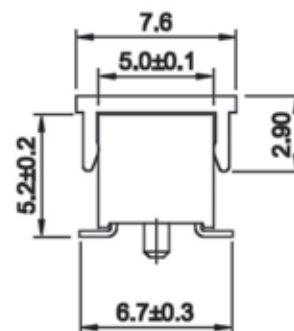
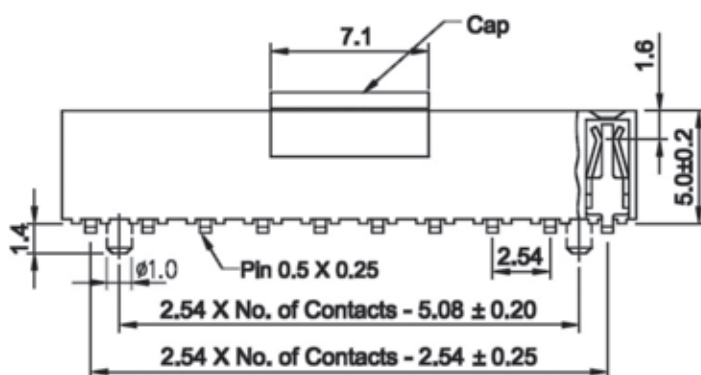
Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 25 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. PCB LAYOUT TYPE:

"F19" W/O LOCATING PEGS
"F41" WITH LOCATING PEGS

2. NO. OF CONTACTS:

004~080

3. CONTACT FINISH:

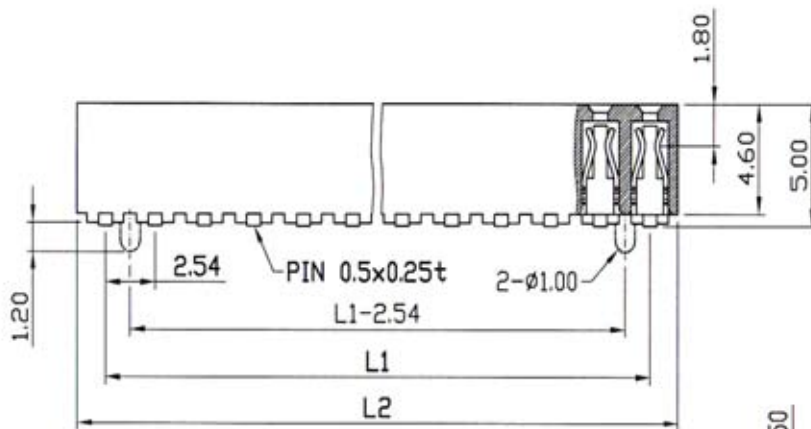
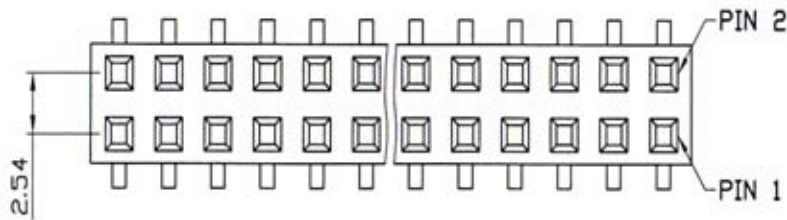
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL
"F" WITH FILM IN TUBE
"G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=5.00MM



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

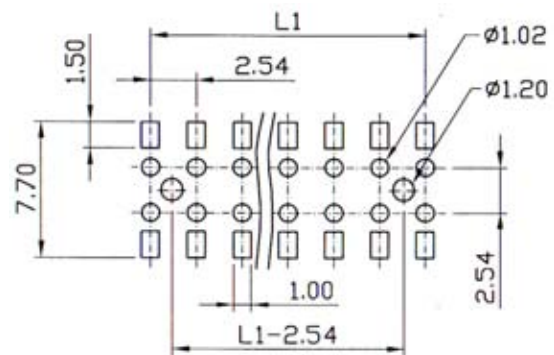
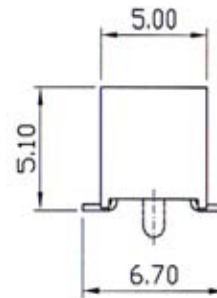
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts} - 1)$

$L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{G}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:

"EA" WITHOUT LOCATING PEG

"ED" WITH LOCATING PEG

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

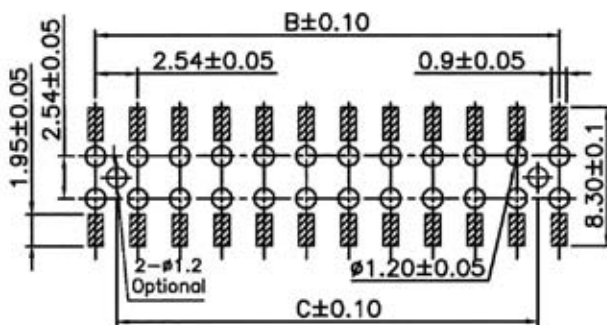
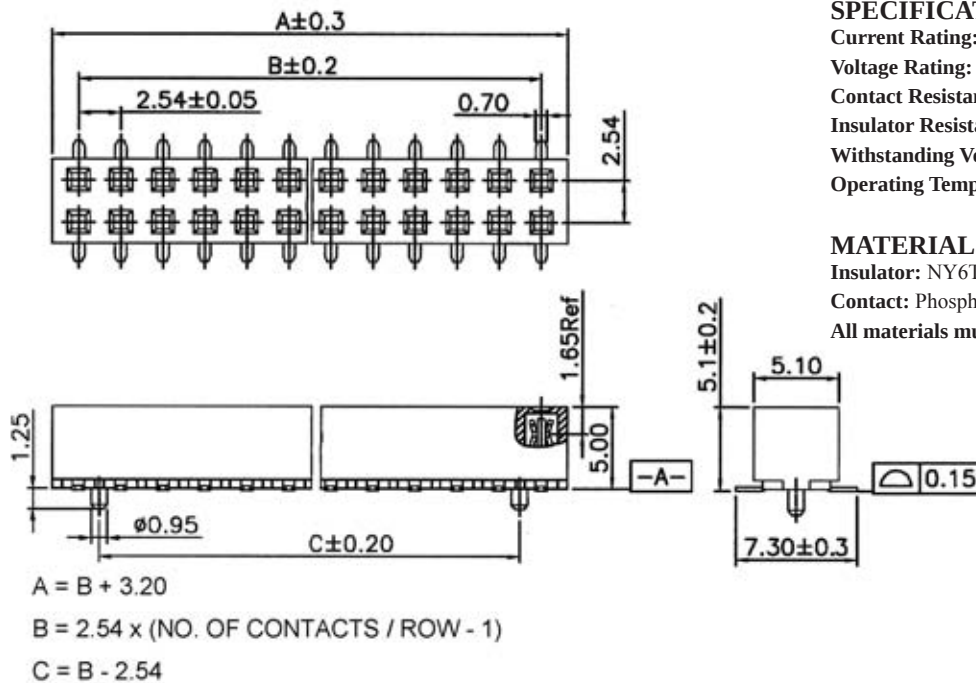
"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

"G" WITH FILM IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=5.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A
Voltage Rating: 250V AC/DC
Contact Resistance: 20mΩ Max.
Insulator Resistance: 5000MΩ Min.
Withstanding Voltage: 500V AC/Min.
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black
Contact: Phosphor Bronze
 All materials must be RoHS compliant.

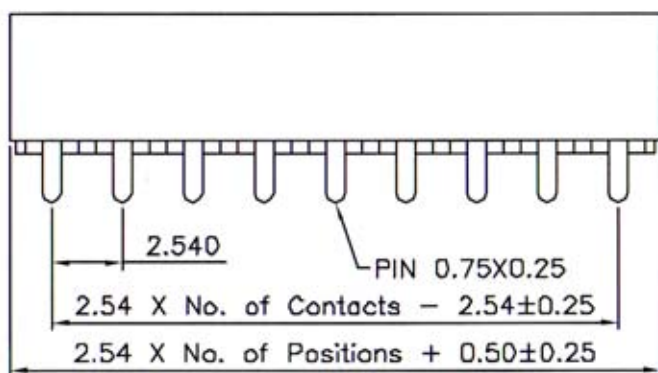
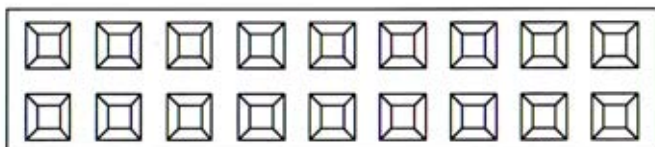
ORDERING INFORMATION:

P/N 25 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"F43" WITHOUT LOCATING PEGS
"F44" WITH LOCATING PEGS
2. NO. OF CONTACTS:
006 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL
"F" WITH FILM IN TUBE
"G" WITH FILM IN TAPE & REEL

2.54MM(0.100") FEMALE HEADER STRADDLE TYPE PROFILE=5.00MM



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

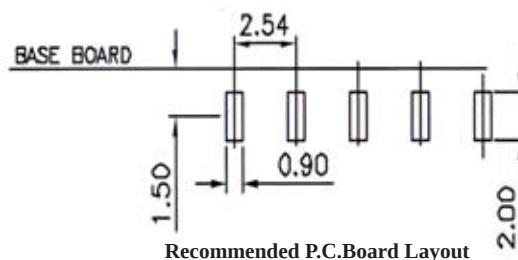
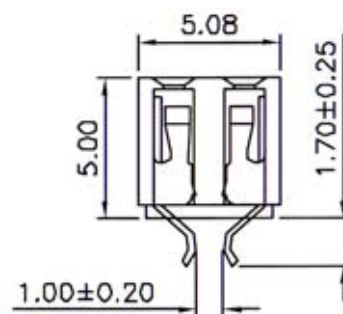
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
NYLON 6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 4 W Z - $\frac{x}{1} \frac{x}{2} \frac{x}{3} B - \frac{x}{3}$

1. NO. OF CONTACTS:

004 ~ 080

2. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

"S" SELECTIVE GOLD PLATED

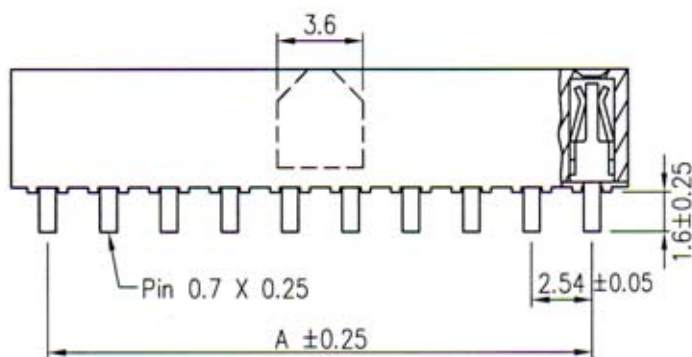
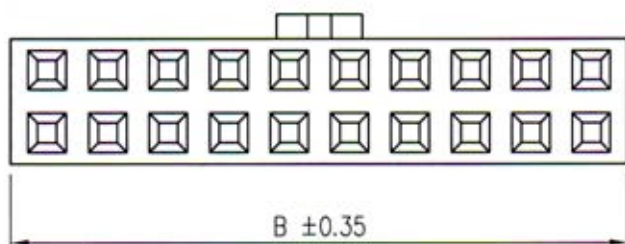
3. PACKAGE OPTION:

"O" BULK PACKAGE

"T" W/O PAD IN TUBE

NOTE: OTHER DESIGNS ARE WELCOME.

2.54MM(0.100") FEMALE HEADER POLARIZATION STRADDLE TYPE PROFILE=5.00MM



DIMENSIONS:

A = 2.54 x (No. of Contacts-1)

B = 0.5 + 2.54 x No. of Positions

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

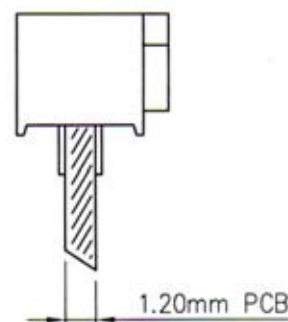
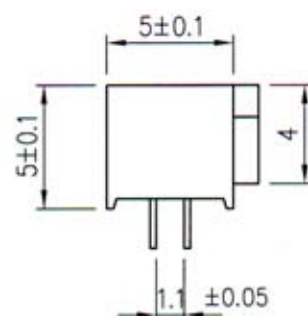
Insulation Material: Polyester, UL 94V-0

Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 Fxx - xxx x B
 1 2 3

1. POLARIZATION NOTCH OPTION:
"F30" WITHOUT POLARIZATION NOTCH
"F31" WITH POLARIZATION NOTCH
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SIDE ENTRY SMT TYPE PROFILE=5.95MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

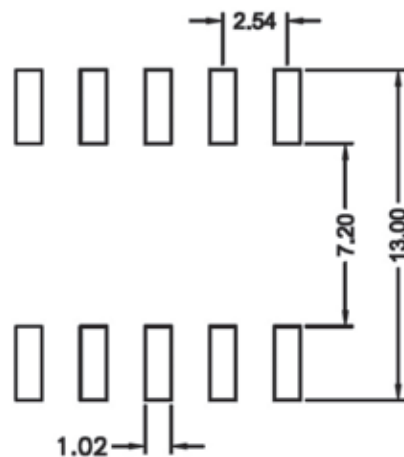
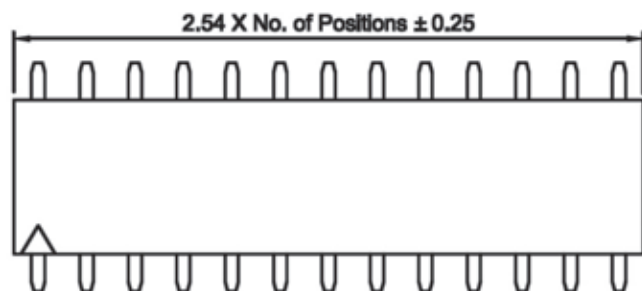
MATERIALS

Contact Material: Phosphor Bronze

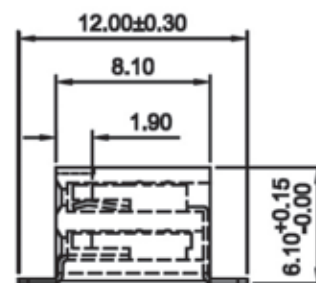
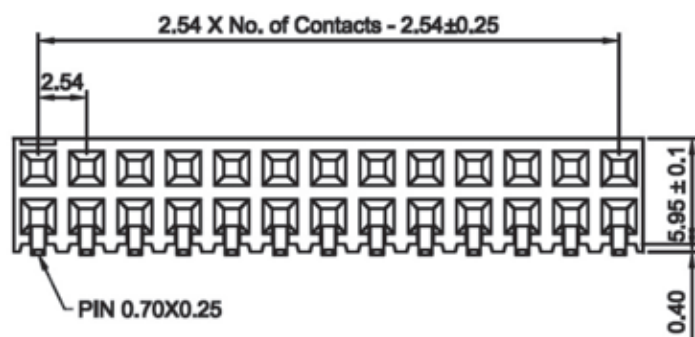
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

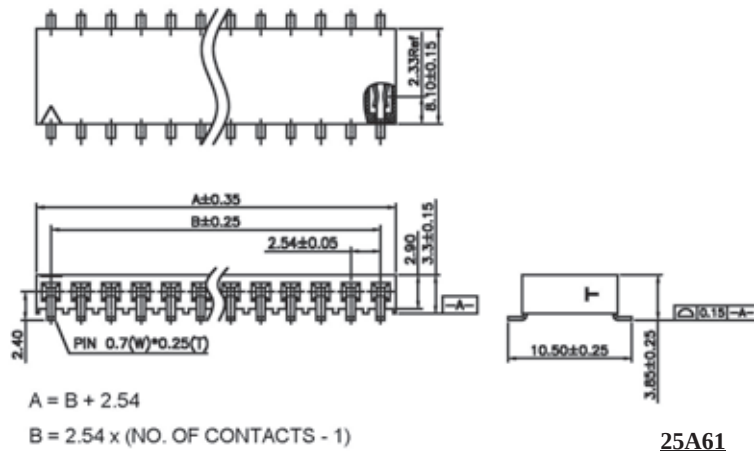
P/N 2 5 4 B Q - x x x x B - x
1 2 3 4

1. LOCATING PEG OPTION:
"BQ" DOUBLE ROW SIDE ENTRY SMT TYPE
2. NO. OF CONTACTS:
004~080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. PAD, FILM & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL
"F" WITH FILM IN TUBE
"G" WITH FILM IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER SIDE ENTRY SMT TYPE

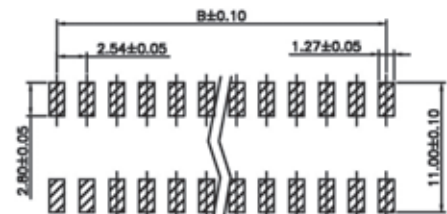


SPECIFICATIONS

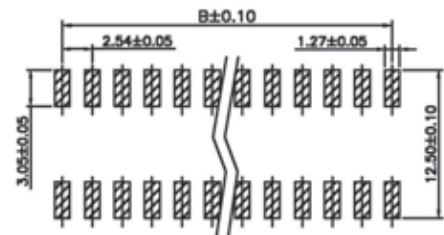
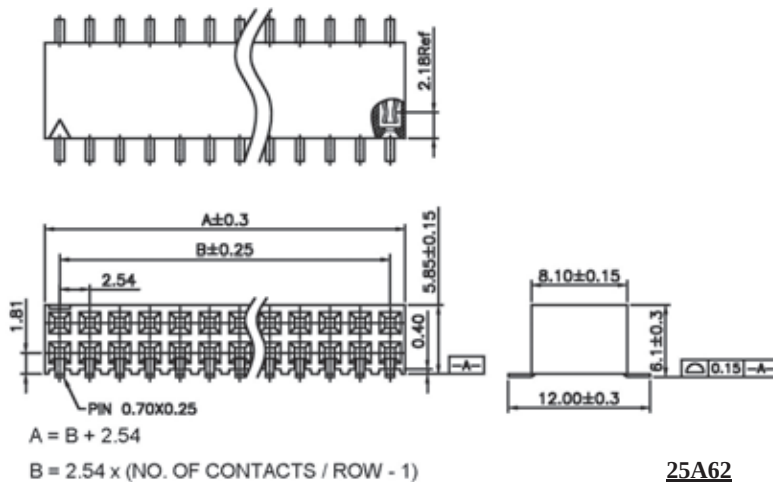
Current Rating: 3.0 A
 Voltage Rating: 250V AC/DC
 Contact Resistance: $20\text{m}\Omega$ Max.
 Insulator Resistance: $5000\text{M}\Omega$ Min.
 Withstanding Voltage: 500V AC/Min.
 Operating Temperature: -40°C to $+105^\circ\text{C}$

MATERIALS

Insulator: NY6T UL94V-0, Black
 Contact: Phosphor Bronze
 All materials must be RoHS compliant.



Recommended P.C.Board Layout



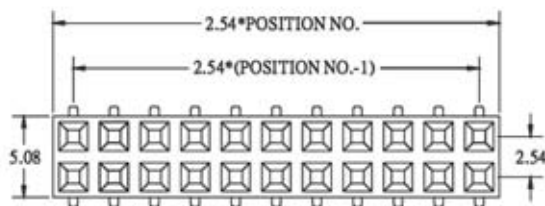
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 $\frac{\text{XXX}}{1}$ - $\frac{\text{XXX}}{2}$ $\frac{\text{X}}{3}$ B - $\frac{\text{X}}{4}$

1. CONTACT TYPE:
 "A61" SINGLE ROW
 "A62" DOUBLE ROW
2. NO. OF CONTACTS:
 002 ~ 040 FOR SINGLE ROW
 004 ~ 080 FOR DOUBLE ROW
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "R" W/O PAD IN TAPE & REEL

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=6.40MM



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

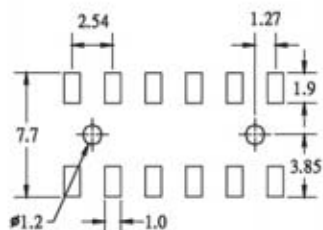
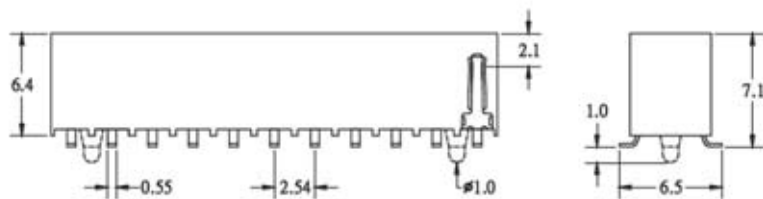
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: LCP, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

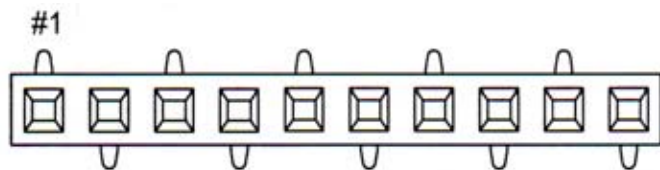
ORDERING INFORMATION:

P/N 25 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

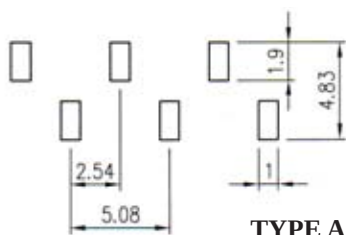
1. CONTACT TYPE:
"B06" WITHOUT LOCATING PEGS
"K08" WITH LOCATING PEGS
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED
4. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

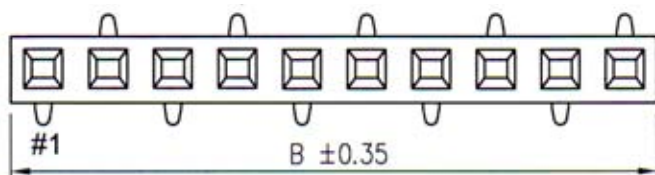
2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=7.10MM



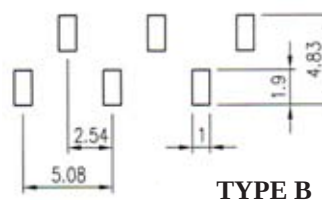
TYPE A



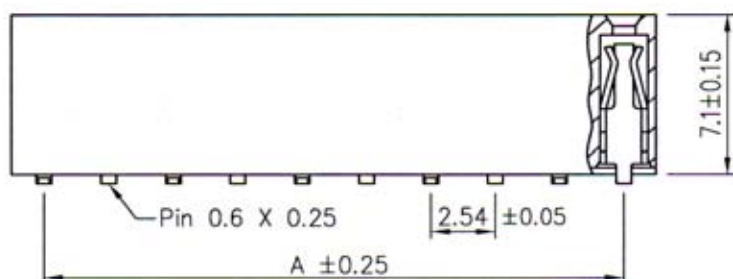
TYPE A



TYPE B



TYPE B



DIMENSIONS:

A = 2.54 x (No. of Contacts-1)

B = 0.5 + 2.54 x No. of Positions

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1} x - \frac{x}{2} x x \frac{x}{3} B - \frac{x}{4}$

1. PCB LAYOUT TYPE:

"FW" TYPE A

"FX" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

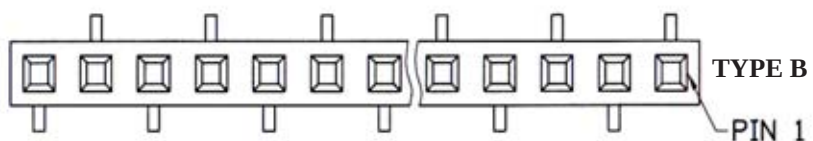
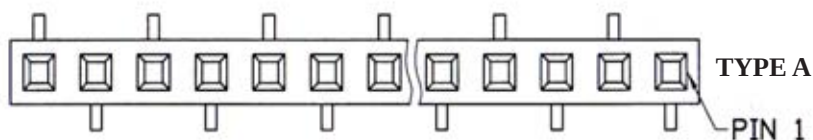
"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

"G" WITH FILM IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=7.10MM

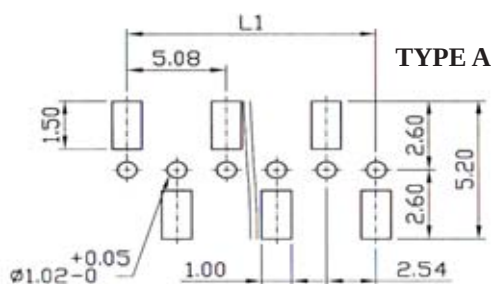
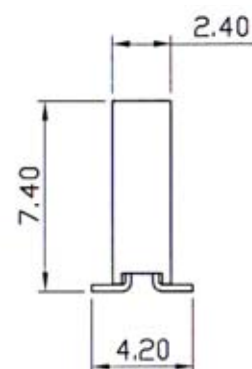
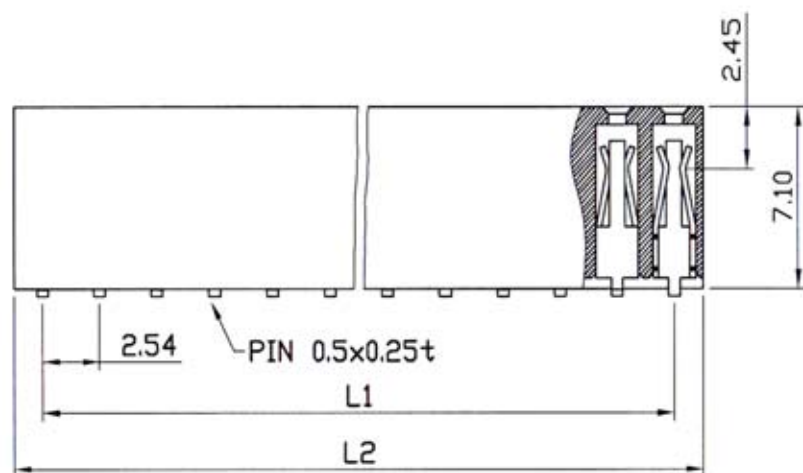


SPECIFICATIONS

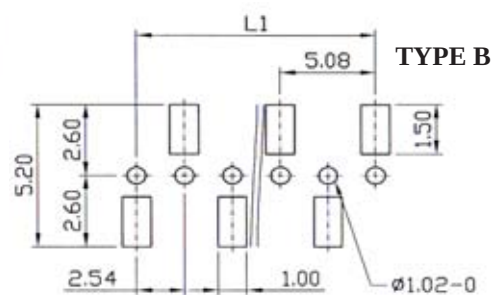
Current Rating: 3 Amp
 Insulation Resistance: 1000MΩ Min
 Dielectric Withstanding: 600V AC/DC
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
 Insulation Material: Polyester, UL 94V-0
 Nylon-6T
 Contact Plating: Full Gold, Full Tin, Selective Plated
 Standard: Gold Flash all Over Nickel
 All materials must be RoHS compliant.



Recommended P.C. Board Layout



Recommended P.C. Board Layout

DIMENSIONS:

L1 = 2.54 x (No. of Contacts-1)
 L2 = 0.5 + 2.54 x No. of Positions

ORDERING INFORMATION:

P/N 25 $\frac{A_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. PCB LAYOUT TYPE:

"A55" TYPE A

"A56" TYPE B

2. NO. OF CONTACTS:

003 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM (0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=7.10MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

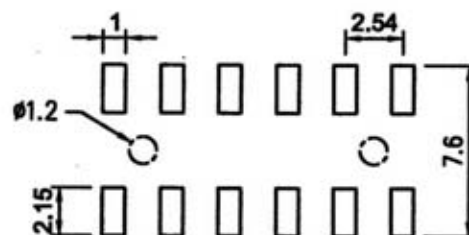
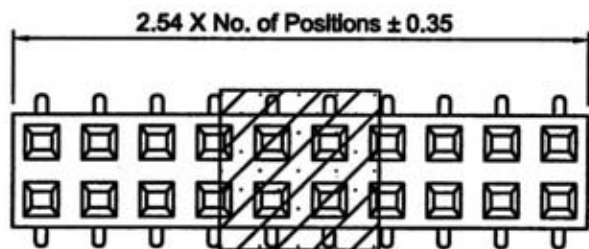
MATERIALS

Contact Material: Phosphor Bronze

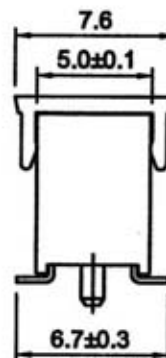
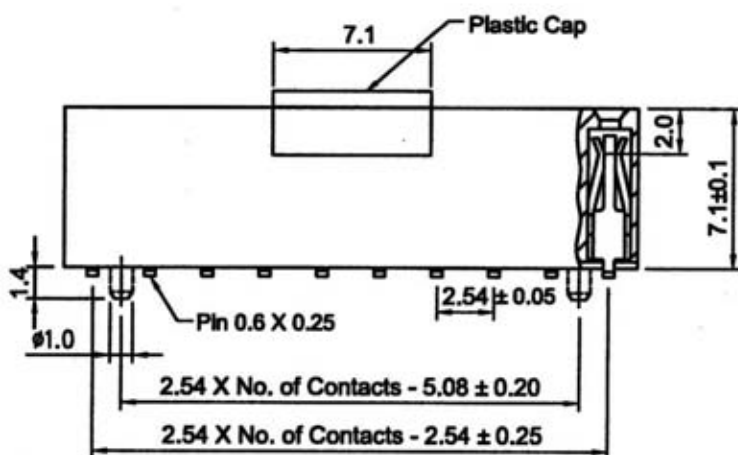
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:

"FZ" W/O LOCATING PEGS

"FY" WITH LOCATING PEGS

2. NO. OF CONTACTS:

004~080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

"G" WITH FILM IN TAPE & REEL

NOTE: CONTACT POINT DEPTH = 2.00MM

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=7.10MM

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

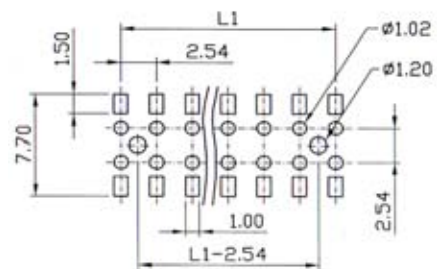
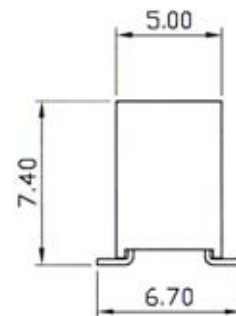
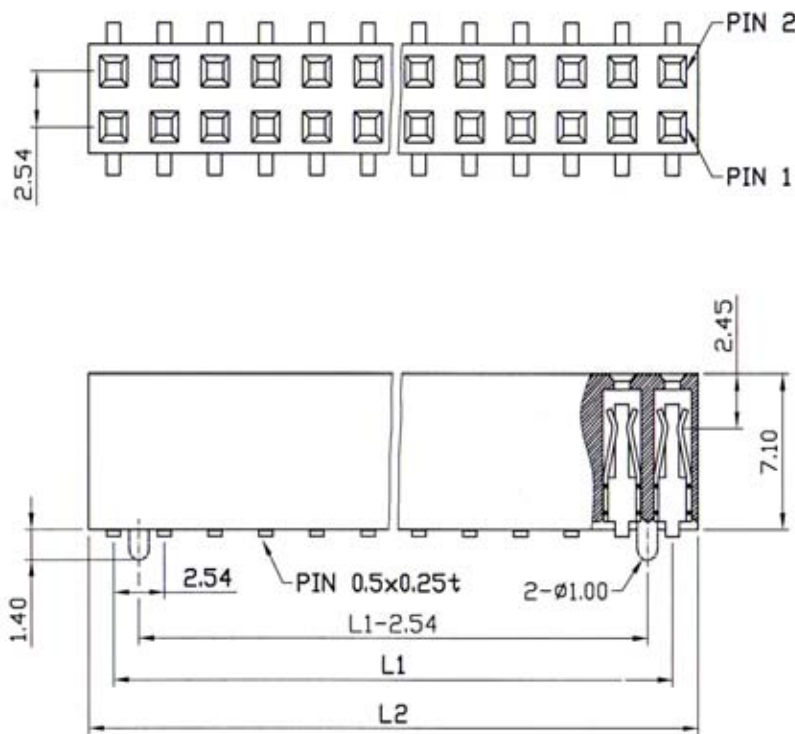
Insulation Material: Polyester, UL 94V-0

Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

L1 = 2.54 x (No. of Contacts-1)

L2 = 0.5 + 2.54 x No. of Positions/Row

ORDERING INFORMATION:

P/N 25 $\frac{F_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. LOCATING PEG OPTION:

"F17" WITHOUT LOCATING PEG

"F18" WITH LOCATING PEG

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP SMT TYPE PROFILE=7.10MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

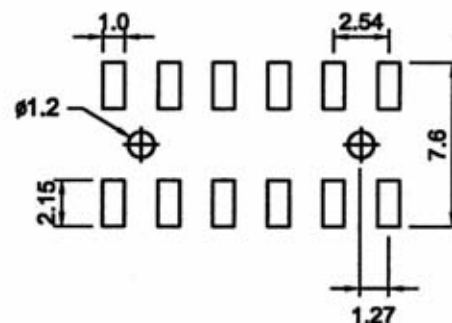
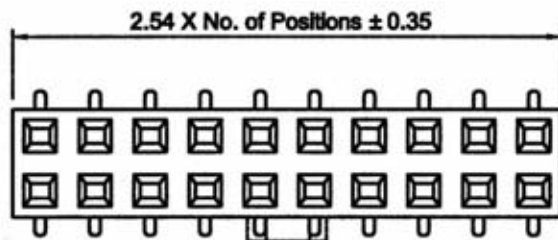
MATERIALS

Contact Material: Phosphor Bronze

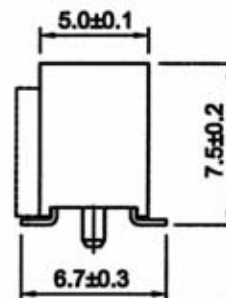
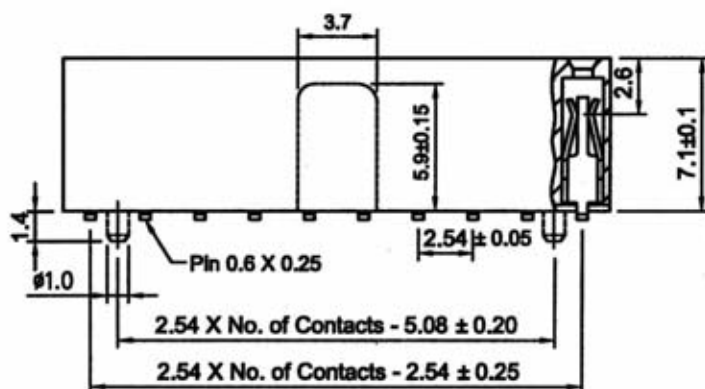
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 25 A₁ x₂ x₃ - x₂ x₃ x₄ B - x₄

1. CONTACT TYPE OPTION:

"A25" W/O LOCATING PEGS
"A26" WITH LOCATING PEGS

2. NO. OF CONTACTS:

006~080

3. CONTACT FINISH:

"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE
"F" WITH FILM IN TUBE
"G" WITH FILM IN TAPE & REEL

NOTE: OPTION "P" & "Q" UNAVAILABLE!

2.54MM(0.100") FEMALE HEADER SMT TYPE WITH POLARIZATION BUMP PROFILE=7.10MM

SPECIFICATIONS

Rating Current: 3 Amperes Max

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 1000V AC

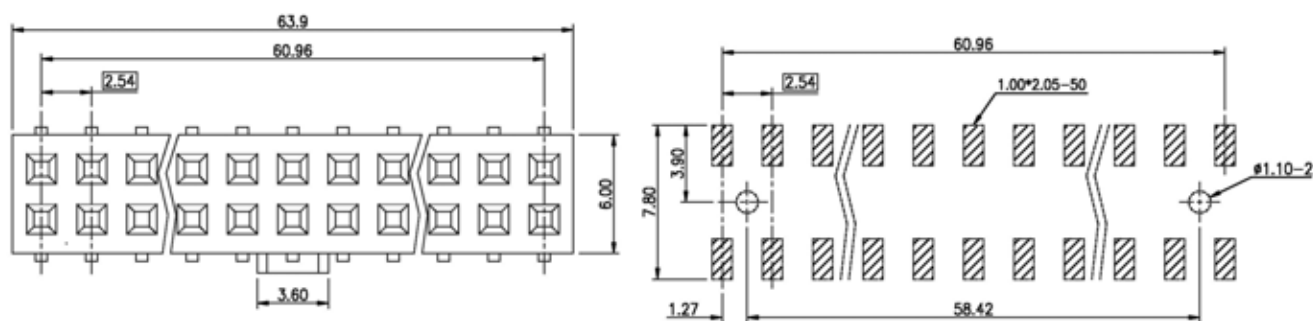
Operating Temperature: -55°C to +105°C

MATERIALS

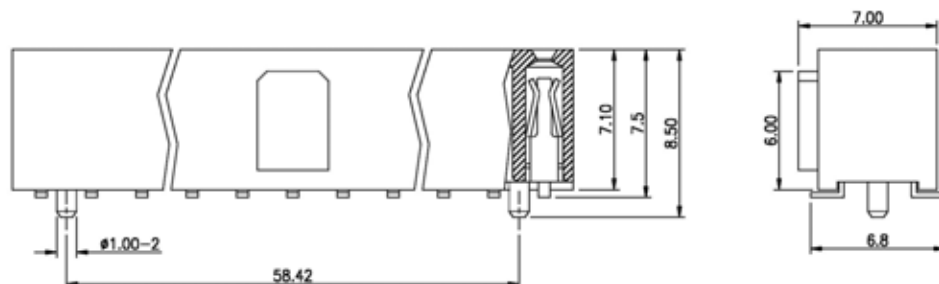
Housing: Nylon-6T (UL 94V-0), Black

Terminal: Copper Alloy, Gold Plating

*** RoHS & REACH compliant.**



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 H 5 4 - x x x G B - x

1. LOCATING PEG OPTION:
"H54" WITH LOCATING PEGS
2. NO. OF CONTACTS:
050
3. CONTACT FINISH:
"G" FULL GOLD PLATED
4. PAD, FILM & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"F" WITH FILM IN TUBE
"G" WITH FILM IN TAPE & REEL

2.54MM(0.100") FEMALE HEADER SMT TYPE WITH POLARIZATION BUMP PROFILE=7.10MM

SPECIFICATIONS

Rating Current: 3 Amperes Max

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 1000V AC

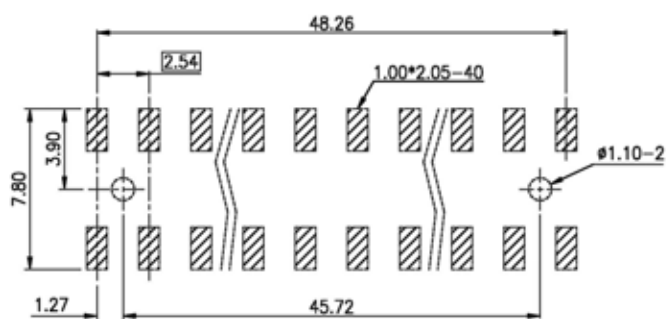
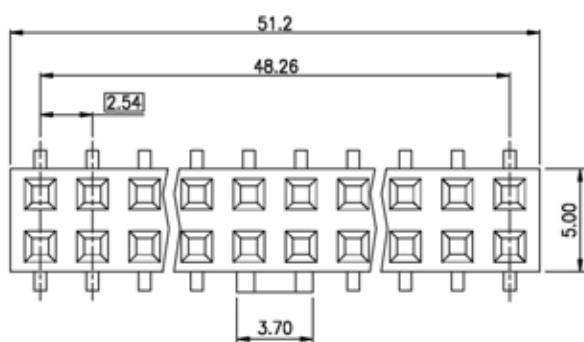
Operating Temperature: -55°C to +105°C

MATERIALS

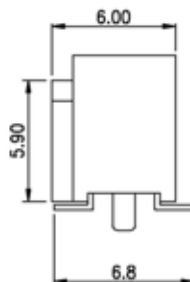
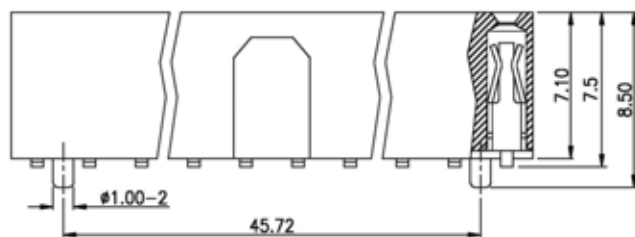
Housing: Nylon-6T (UL 94V-0), Black

Terminal: Copper Alloy, Gold Plating

*** RoHS & REACH compliant.**



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 25 H53 - x x x G B - x

1. LOCATING PEG OPTION:
"H53" WITH LOCATING PEGS
2. NO. OF CONTACTS:
040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
4. PAD, FILM & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"F" WITH FILM IN TUBE
"G" WITH FILM IN TAPE & REEL

2.54MM(0.100") FEMALE HEADER DOUBLE ROW WITH POLARIZATION BUMP SMT TYPE PROFILE=8.40MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

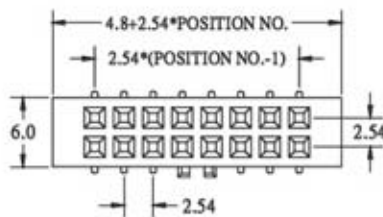
Operating Temperature: -40°C to +105°C

MATERIALS

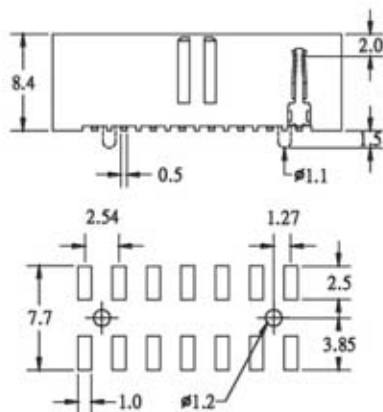
Insulator: LCP, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

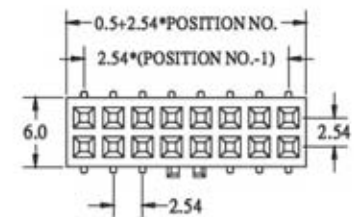
All materials must be RoHS compliant.



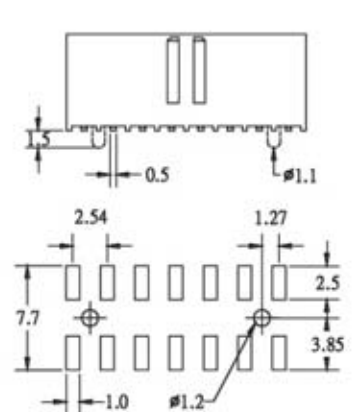
TYPE A



Recommended P.C.Board Layout



TYPE B



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 xxx - xxx x B - x
1 2 3 4

1. CONTACT TYPE:

- "K19" TYPE A WITHOUT LOCATING PEGS
- "K20" TYPE A WITH LOCATING PEGS
- "K21" TYPE B WITHOUT LOCATING PEGS
- "K22" TYPE B WITH LOCATING PEGS

2. NO. OF CONTACTS:

- 006, 008, 010, 012, 014, 016, 020, 024,
- 026, 030, 034, 040, 044, 050, 060, 064

3. CONTACT FINISH:

- "S" SELECTIVE GOLD PLATED

4. PAD & PACKAGE OPTION:

- "T" W/O PAD IN TUBE
- "P" WITH PAD IN TUBE
- "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=8.50MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

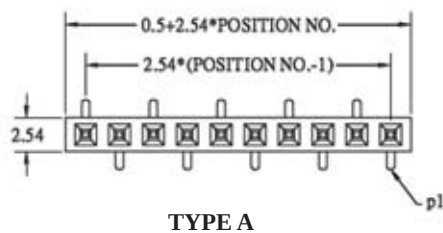
Operating Temperature: -40°C to +105°C

MATERIALS

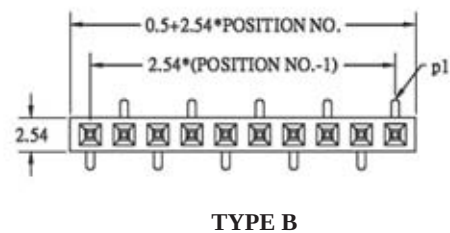
Insulator: LCP, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

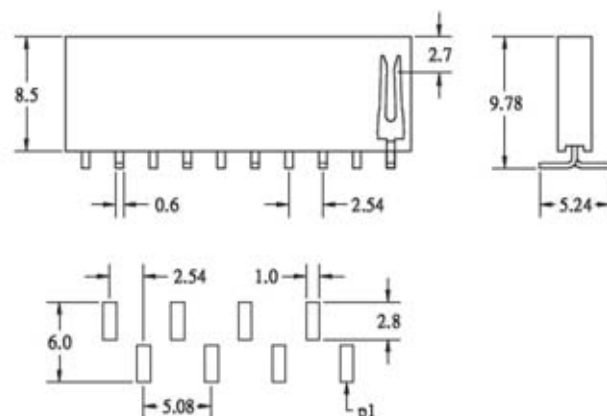
All materials must be RoHS compliant.



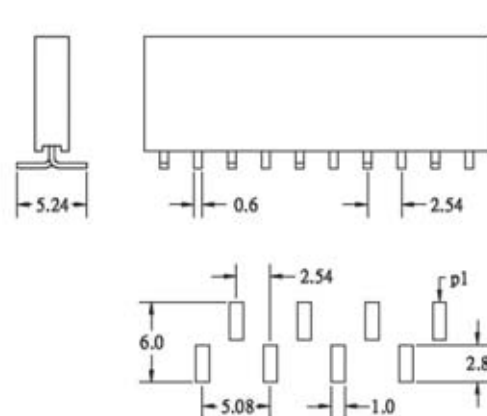
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4}$ B - $\frac{x}{4}$

1. PCB LAYOUT TYPE:

"K57" TYPE A

"K58" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

4. PAD & PACKAGE OPTION:

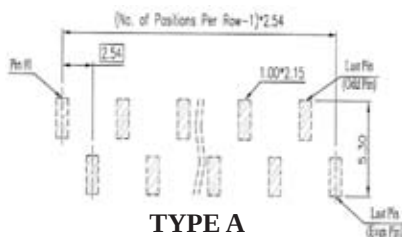
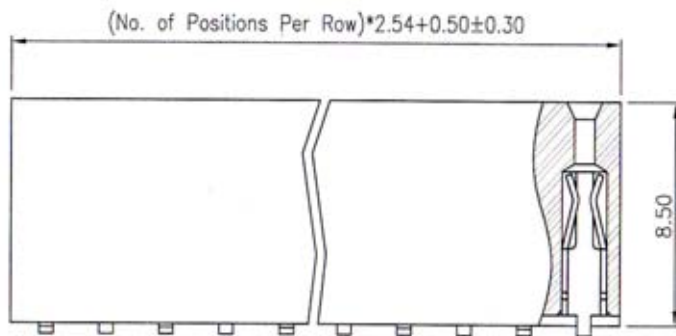
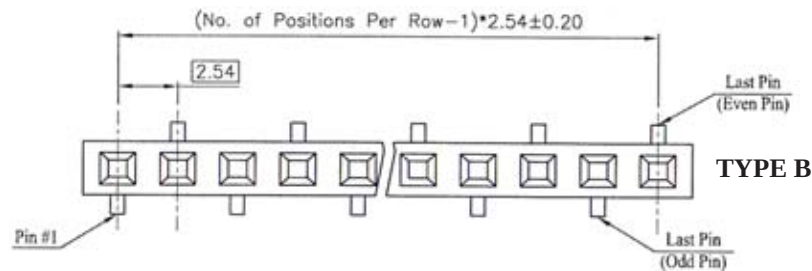
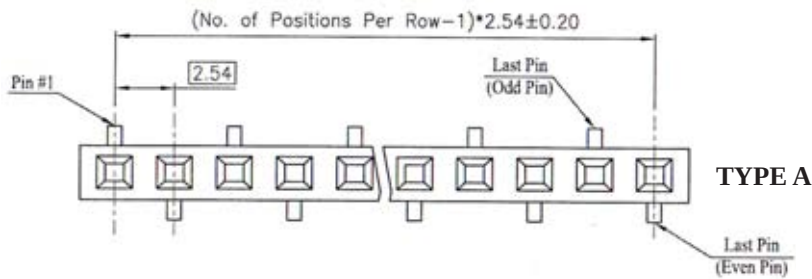
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

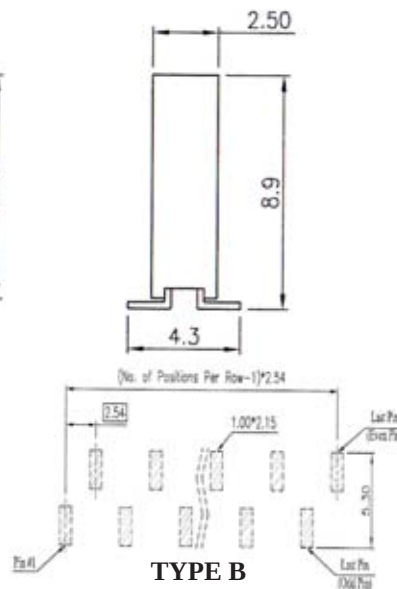
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=8.50MM



Recommended P.C.Board Layout



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 25 E x x - x x x x B - x

1 2 3 4

1. INSULATOR TYPE:

"E83" TYPE A

"E84" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

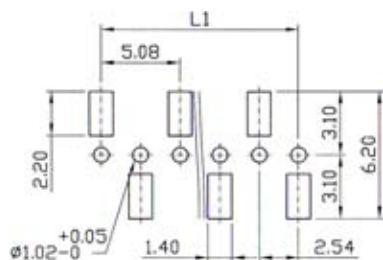
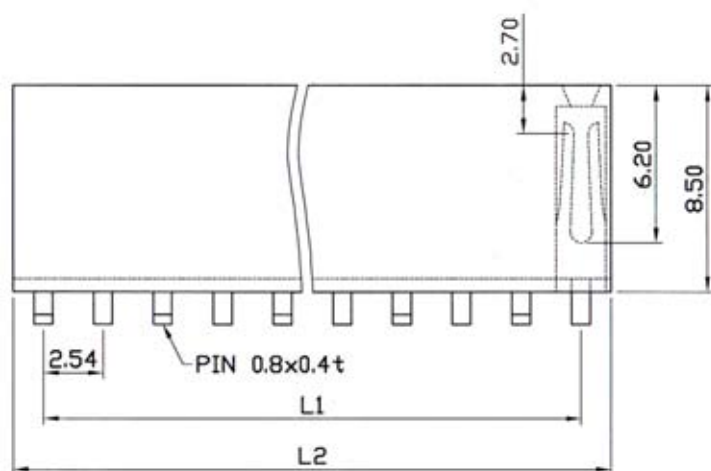
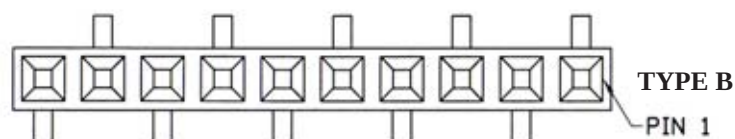
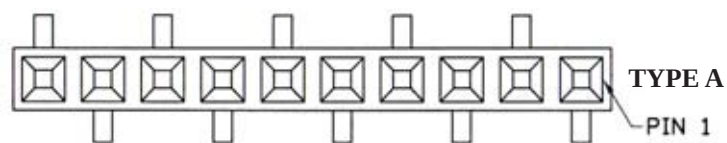
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=8.50MM



TYPE A

Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

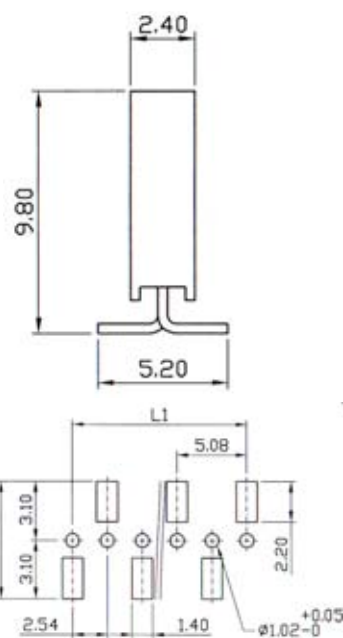
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



TYPE B

Recommended P.C.Board Layout

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts}-1)$

$L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 25 $\frac{F \times x}{1} - \frac{x \times x}{2} \frac{x}{3} B - \frac{x}{4}$

1. PCB LAYOUT TYPE:

"F11" TYPE A

"F12" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

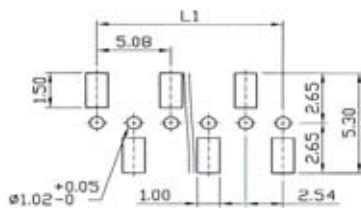
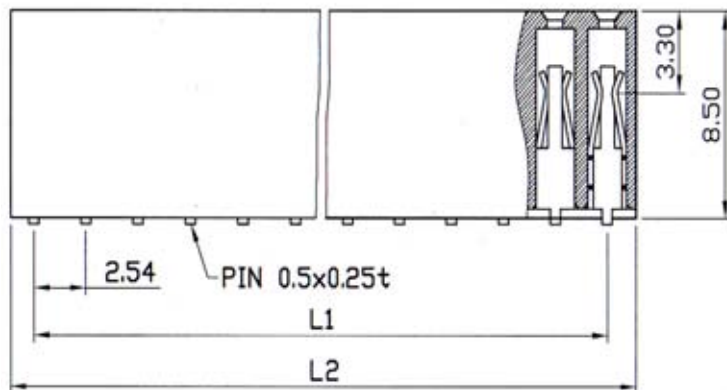
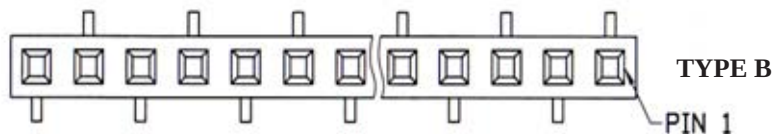
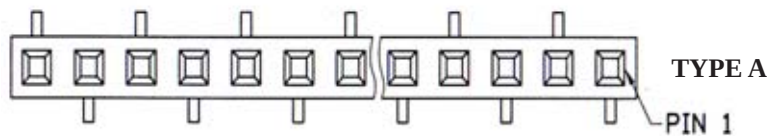
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=8.50MM



TYPE A

Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

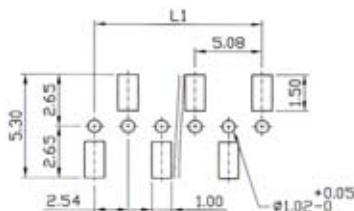
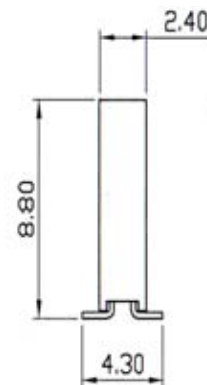
Contact Material: Phosphor Bronze

Insulation Material: Polyester, UL 94V-0
Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



TYPE B

Recommended P.C.Board Layout

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts} - 1)$

$L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 25 $\frac{F \times \times}{1} - \frac{\times \times \times \times}{2} \frac{\times}{3} B - \frac{\times}{4}$

1. PCB LAYOUT TYPE:

"F09" TYPE A

"F10" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

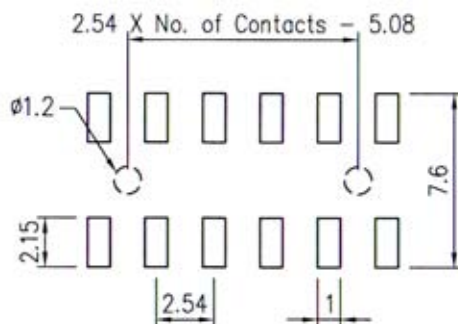
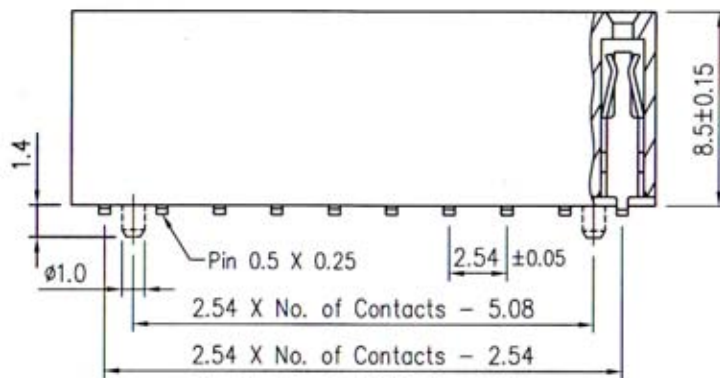
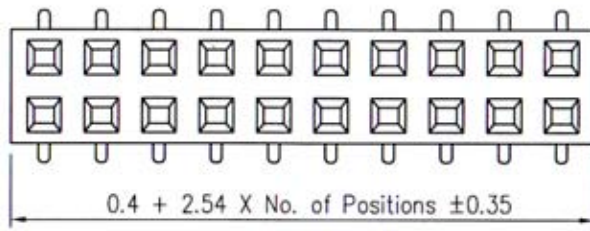
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=8.50MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

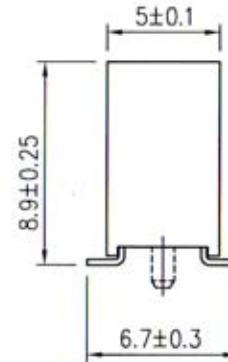
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 x x x - x x x x B - x
1 2 3 4

1. LOCATING PEG OPTION:

"A19" W/O LOCATING PEG

"E03" WITH LOCATING PEG

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

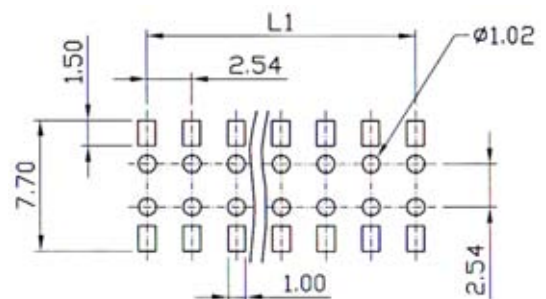
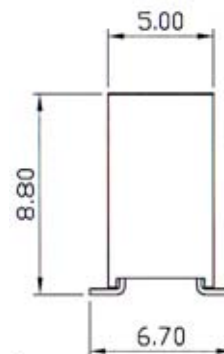
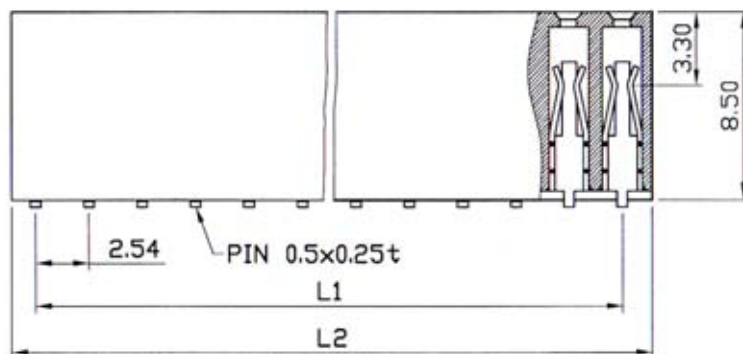
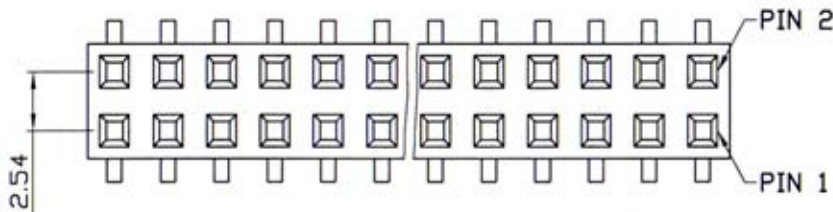
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOET: PAD = Pick & Place Pad

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=8.50MM



Recommended P.C.Board Layout

DIMENSIONS:
 $L1 = 2.54 \times (\text{No. of Contacts}-1)$
 $L2 = 0.5 + 2.54 \times \text{No. of Positions}$

SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.

ORDERING INFORMATION:

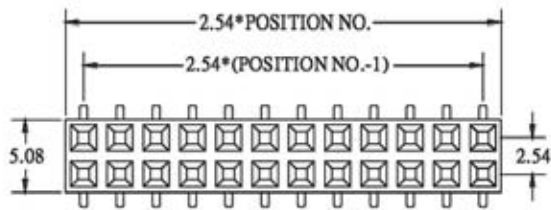
P/N 25 $\frac{Hxx}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. LOCATING PEG OPTION:
"H30" WITHOUT LOCATING PEG
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=8.40MM, 9.40MM & 10.90MM



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

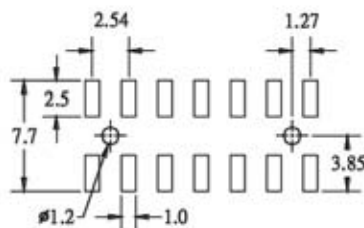
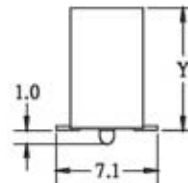
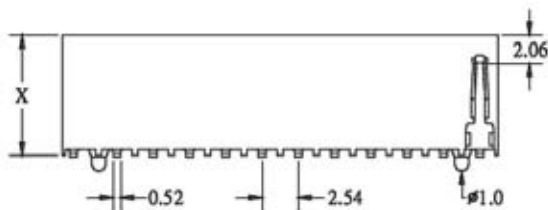
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: LCP, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

X	Y	WITHOUT PEGS	WITH PEGS
8.40	8.50	K69	K70
9.40	9.50	K71	K72
10.90	11.00	K73	K74

ORDERING INFORMATION:

P/N 2 5 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. INSULATOR HEIGHT:
K69, K70, K71, K72, K73, K74
2. NO. OF CONTACTS:
004 ~ 100
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED
4. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP SMT TYPE PROFILE=10.90MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

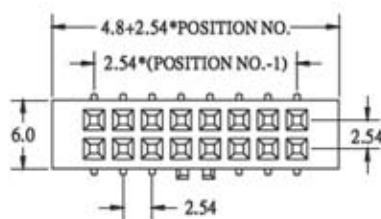
Operating Temperature: -40°C to +105°C

MATERIALS

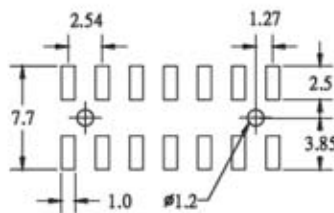
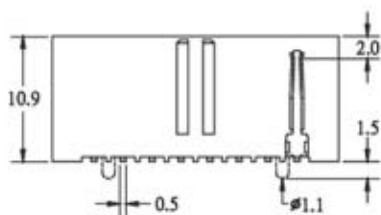
Insulator: LCP, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

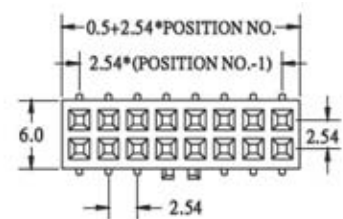
All materials must be RoHS compliant.



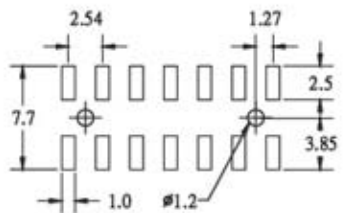
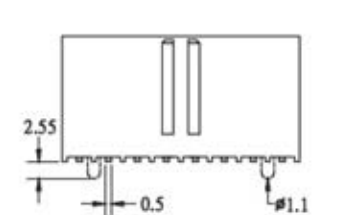
TYPE A



Recommended P.C.Board Layout



TYPE B



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B - x
1 2 3 4

1. CONTACT TYPE:

- "K61" TYPE A WITHOUT LOCATING PEGS
- "K62" TYPE A WITH LOCATING PEGS
- "K63" TYPE B WITHOUT LOCATING PEGS
- "K64" TYPE B WITH LOCATING PEGS

2. NO. OF CONTACTS:

- 006, 008, 010, 012, 014, 016, 020, 024,
- 026, 030, 034, 040, 044, 050, 060, 064

3. CONTACT FINISH:

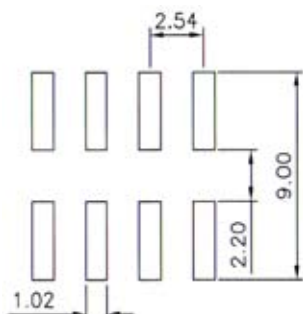
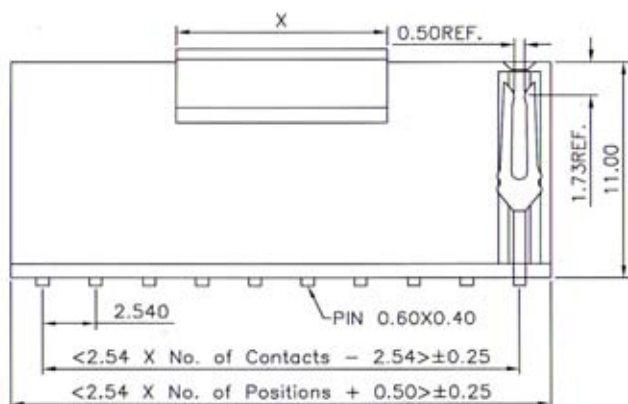
- "S" SELECTIVE GOLD PLATED

4. PAD & PACKAGE OPTION:

- "T" W/O PAD IN TUBE
- "P" WITH PAD IN TUBE
- "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=11.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

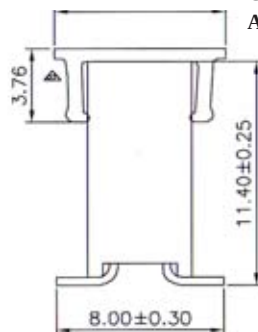
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon 6T, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 F32 - x x x x B - x

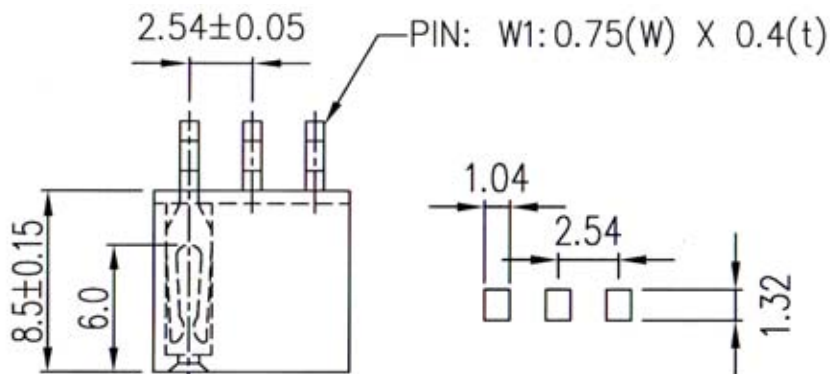
1 2 3 4

1. CONNECTOR TYPE:
"F32" W/O LOCATING PEG
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

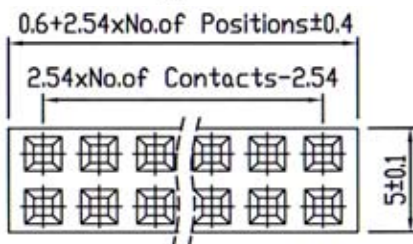
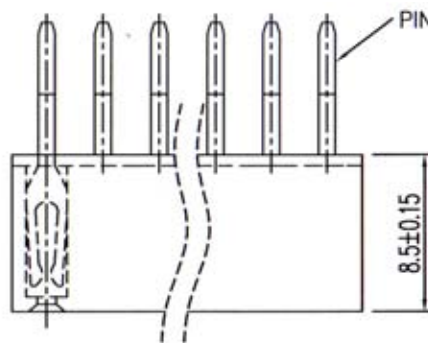
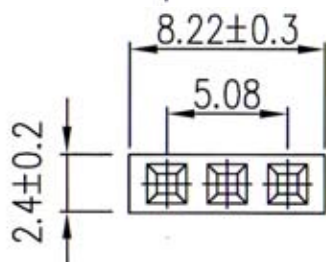
4. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOET: PAD = Pick & Place Pad

2.54MM(0.100") FEMALE HEADER R/A SMT TYPE PROFILE=8.50MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze

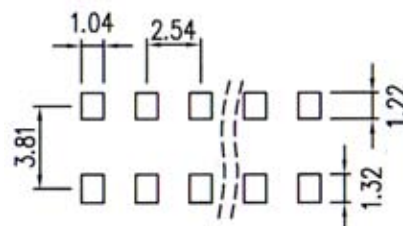
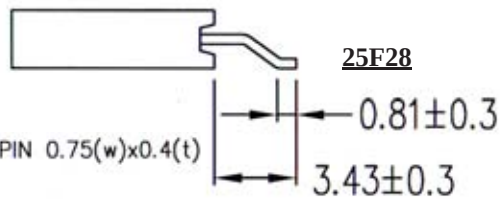
Insulation Material: Polyester, UL 94V-0

Nylon-6T

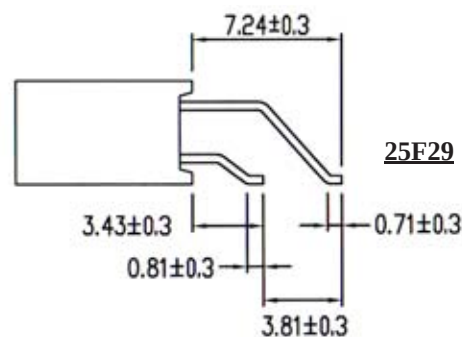
Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 25 F₁ x x - x x x x B - x₄

1. NO. OF ROWS:

"F28" SINGLE ROW

"F29" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

4. PACKAGE OPTION:

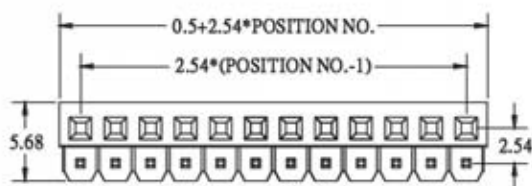
"T" W/O PAD IN TUBE

"R" W/O PAD IN TAPE & REEL

NOTE: 25F28 MATES WITH 25G97

25F29 MATES WITH 25G98

2.54MM(0.100") BINARY (HEADER & SOCKET) CONNECTOR STRAIGHT DIP TYPE



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

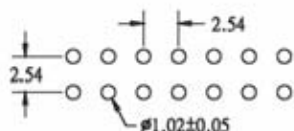
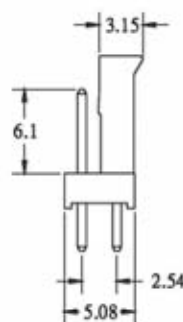
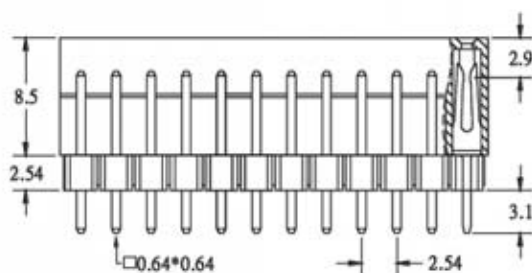
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



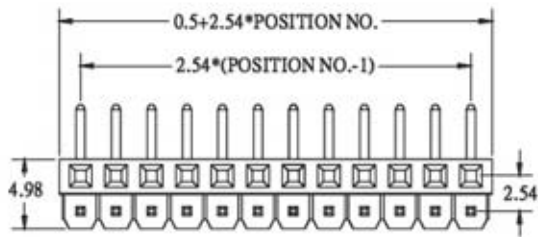
ORDERING INFORMATION:

P/N 25 K66 - xxxx B
1 2 3

1. CONTACT TYPE:
"K66" HEADER + SOCKET STRAIGHT TYPE
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED

NOTE: MATING WITH 25K67, 25K68 & 25K66

2.54MM(0.100") BINARY (HEADER & SOCKET) CONNECTOR RIGHT ANGLE DIP TYPE (1)



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

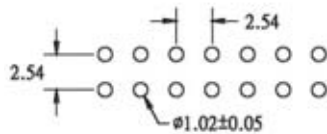
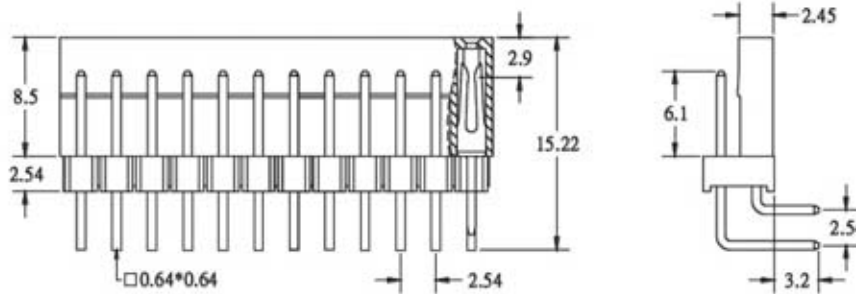
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

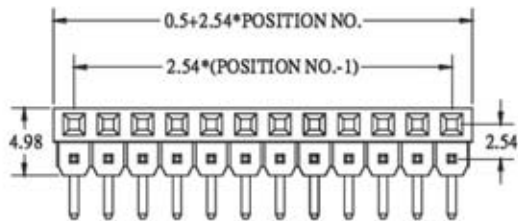
ORDERING INFORMATION:

P/N 25 K67 - xxxx B
1 2 3

1. CONTACT TYPE:
"K67" HEADER + SOCKET RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED

NOTE: MATING WITH 25K66, 25K68 & 25K67

2.54MM(0.100") BINARY (HEADER & SOCKET) CONNECTOR RIGHT ANGLE DIP TYPE (2)



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

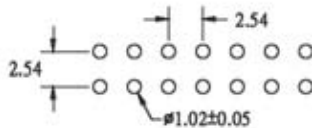
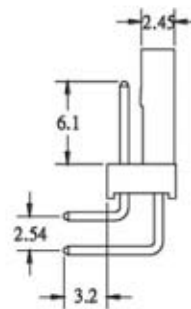
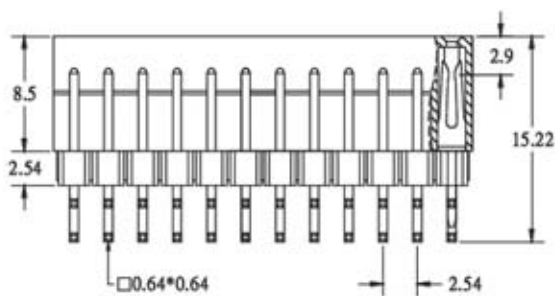
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

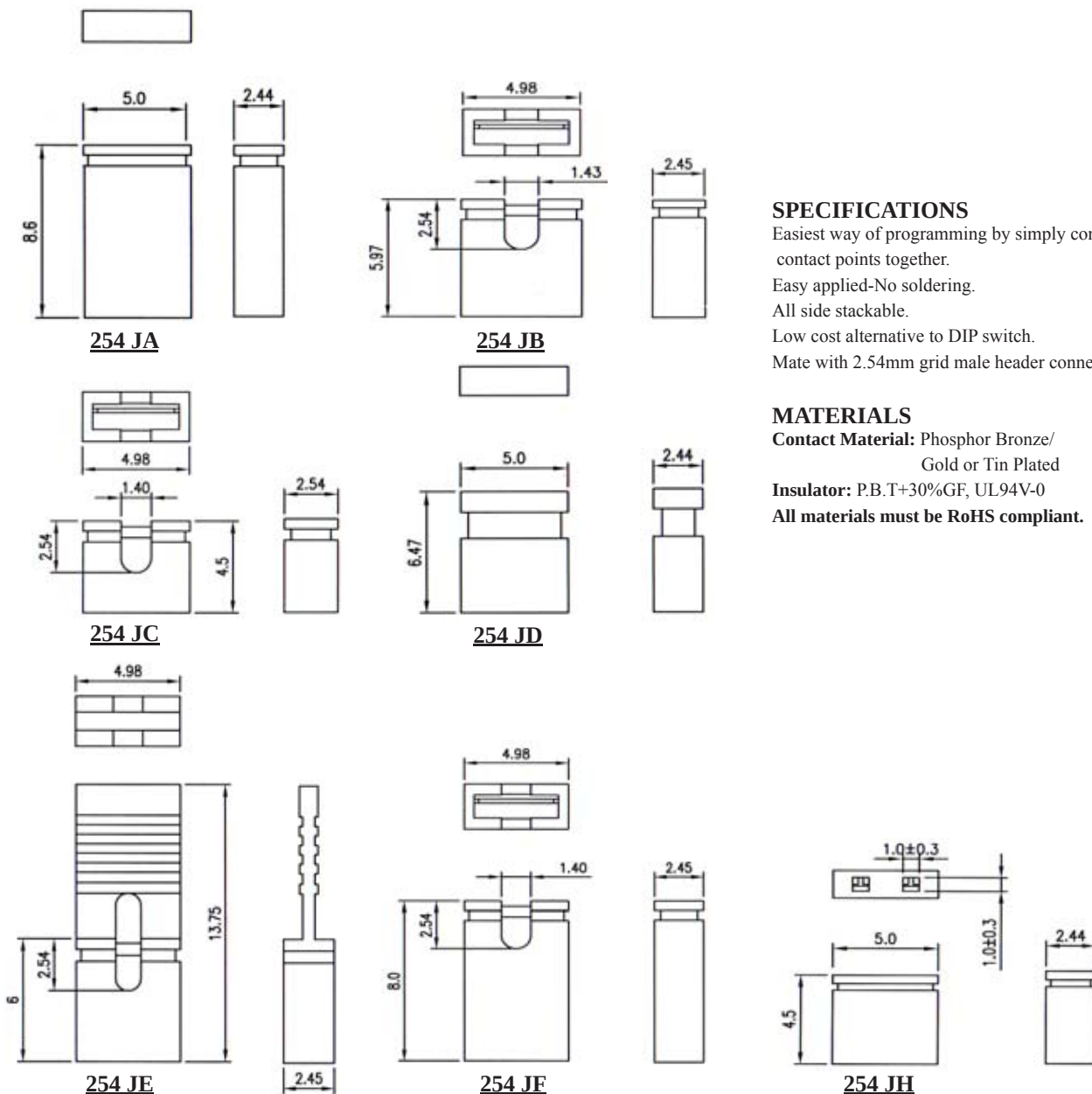
ORDERING INFORMATION:

P/N 25 K68 - 1 2 3 B

1. CONTACT TYPE:
"K68" HEADER + SOCKET RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED

NOTE: MATING WITH 25K66, 25K67 & 25K68

2.54MM(0.100") SPACING MINI JUMPERS (1)



SPECIFICATIONS

Easiest way of programming by simply connecting contact points together.
Easy applied-No soldering.
All side stackable.
Low cost alternative to DIP switch.
Mate with 2.54mm grid male header connectors e.g.

MATERIALS

Contact Material: Phosphor Bronze/
Gold or Tin Plated

Insulator: P.B.T+30%GF, UL94V-0

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ x - 0 0 2 $\frac{x}{2}$ $\frac{x}{3}$ $\frac{x}{4}$ x

1. HEIGHT & TYPE:

"JA" 8.6MM CLOSE TYPE
"JB" 6.0MM OPEN TYPE
"JC" 4.5MM OPEN TYPE
"JD" 6.4MM CLOSE TYPE
"JE" 13.5MM OPEN TYPE
"JF" 8.0MM OPEN TYPE
"JH" 4.5MM CLOSE TYPE
"JJ" 12.5MM CLOSE TYPE

2. CONTACT FINISH:

"G" FULL GOLD PLATED
"T" FULL TIN PLATED

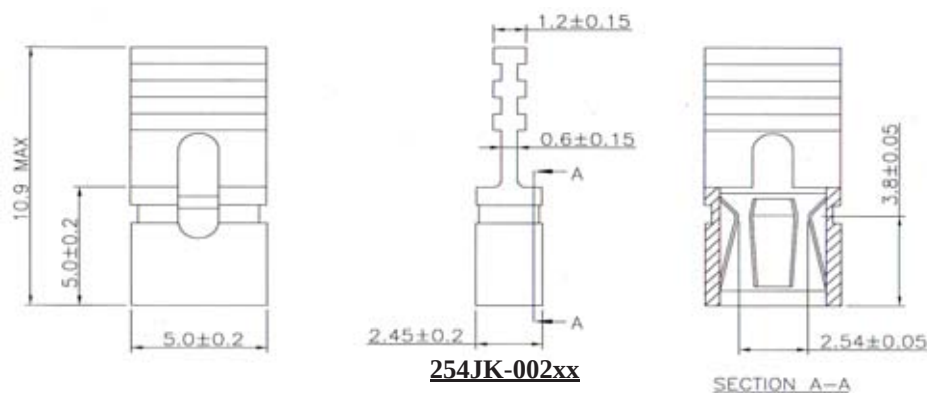
3. INSULATOR COLOR:

"B" BLACK
"A" GRAY
"N" GREEN
"R" RED
"U" BLUE
"W" WHITE
"Y" YELLOW

4. GOLD PLATING THICKNESS:

" " GOLD FLASH
"10" 10 MICROINCH GOLD

2.54MM(0.100") MINI JUMPER (2)



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

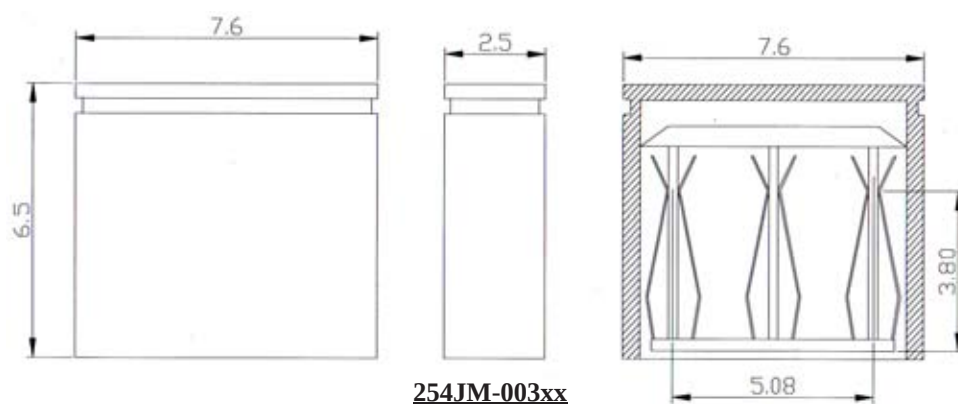
MATERIALS

Insulation Material: Polyester, UL 94V-0

P.B.T or Nylon 66

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1} \frac{x}{2} - \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{x}{6}$

1. MINI JUMPER TYPE:

"JK" H= 10.9mm CLOSE TYPE 2 PINS

"JM" H= 6.5mm CLOSE TYPE 3 PINS

2. NO. OF CONTACTS:

002 FOR 254JK

003 FOR 254JM

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR COLOR:

"B" BLACK (STANDARD)

"R" RED

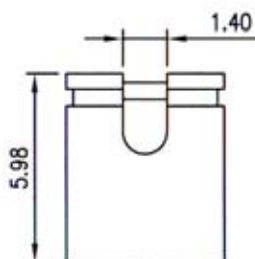
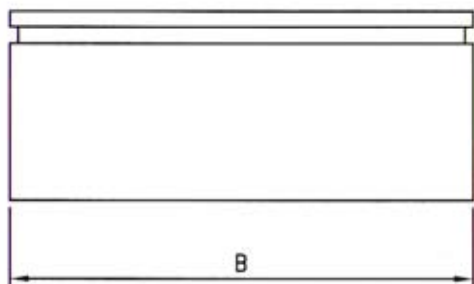
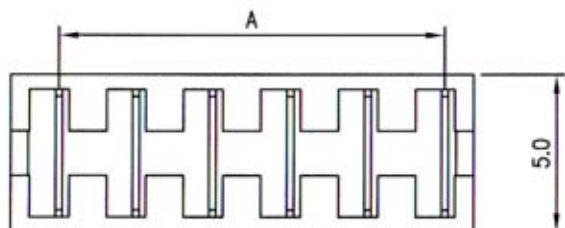
"N" GREEN

"U" BLUE

"W" WHITE

"Y" YELLOW

2.54MM(0.100") SPACING MULTIPOSITION MINI JUMPERS



SPECIFICATIONS

Difference type from 04 to 20 position

Multiposition jumper versions facilitate multiprogramming

Dual beam contact

Mate with 2.54mm grid male header connectors

Insulation Material: P.B.T+30%GF, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

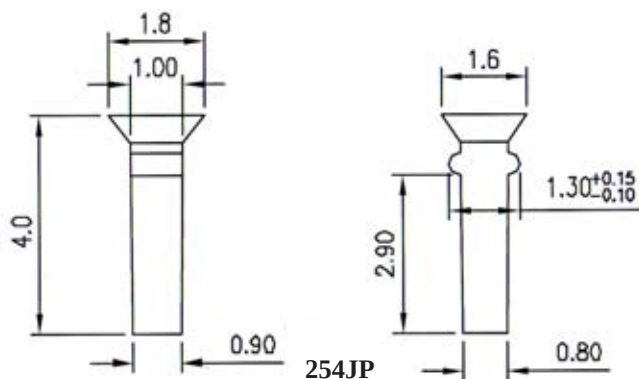
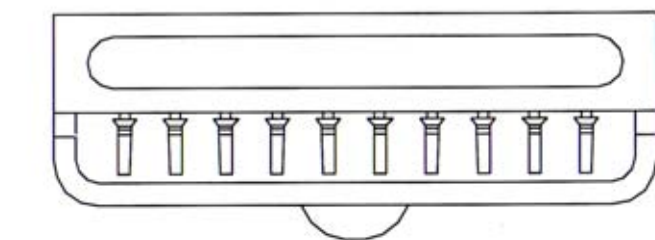
No. of Contacts	Dimensions(mm)	
	A	B
04	2.54	5.08
06	5.08	7.62
08	7.62	10.16
10	10.16	12.70
12	12.70	15.21
14	15.21	17.78
16	17.78	20.32
18	20.32	22.86
20	22.86	25.40

ORDERING INFORMATION:

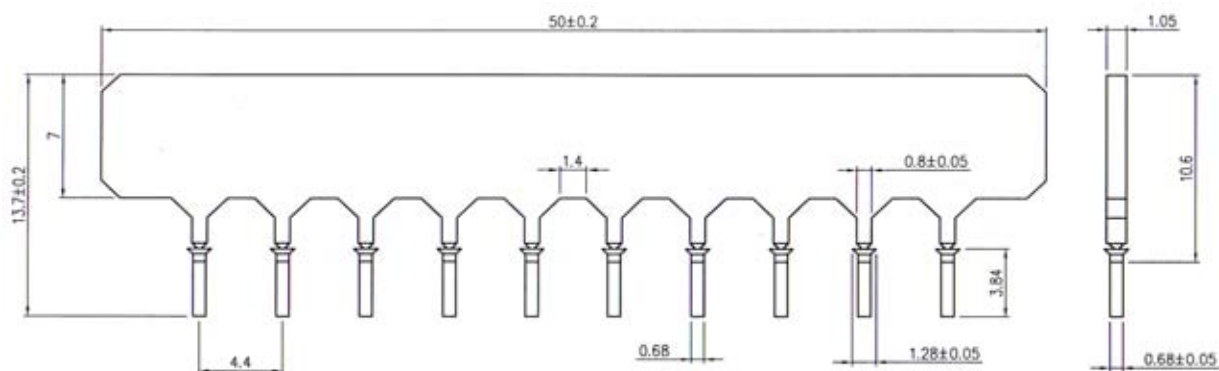
P/N 2 5 4 J G - x x x G B
 1 2 3 4

1. MINI JUMPER TYPE:
"JG" 6.0MM OPEN TYPE
2. NO. OF CONTACTS:
004 ~ 024
3. CONTACT FINISH:
"G" FULL GOLD PLATED
4. INSULATOR COLOR:
"B" BLACK (STANDARD)
"R" RED
"N" GREEN
"U" BLUE
"Y" YELLOW

2.54MM(0.100") PLUGGED KEY



254JP



254JN

MATERIALS

Insulation Material: P.B.T+30%GF, UL94V-0

All materials must be RoHS compliant.

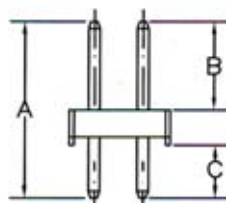
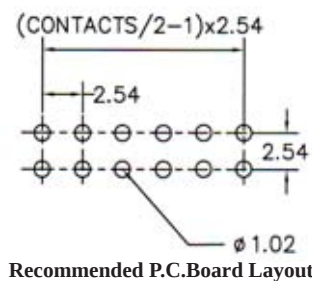
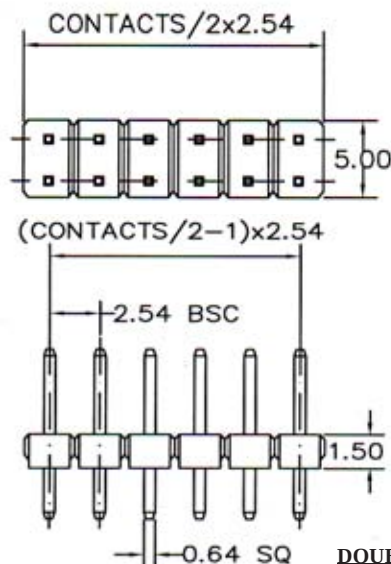
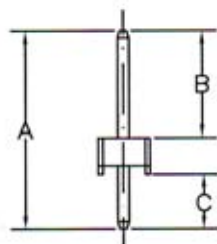
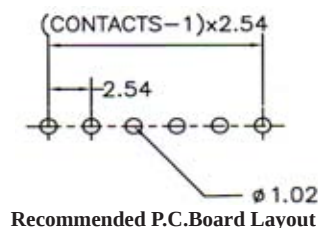
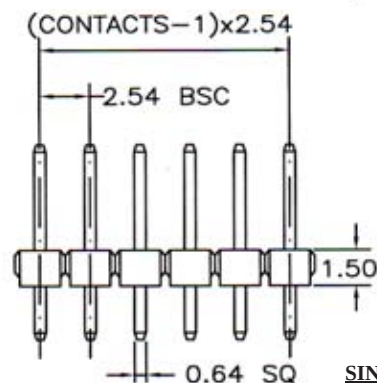
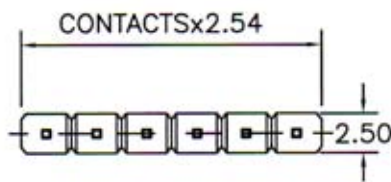
ORDERING INFORMATION:

PLUGGED KEY:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{010}{2}$ P $\frac{x}{3}$

1. PLUGGED KEY TYPE:
"JN" LENGTH= 3.84MM
"JP" LENGTH= 4.00MM
2. PACKING UNIT:
"010" 10PCS/SET
3. INSULATOR COLOR:
"B" BLACK (STANDARD)
"W" WHITE (OPTIONAL)

2.54MM(0.100") PIN HEADER STRAIGHT TYPE PROFILE=1.50MM



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

Terminal Code 1	Terminal Code 2	Dimensions(mm)	
		B	C
B90	C03	6.0	2.5
B91	C04	6.6	2.5
B92	C05	6.3	3.3
B93	C06	7.6	3.3
B94	C07	9.0	3.3
B95	C08	9.5	3.3
B96	C09	9.8	3.3
B97	C10	12.9	3.3
B98	C11	14.8	3.3
B99	C12	16.6	3.3
C01	C13	17.8	3.3
C02	C14	19.9	3.3
F51	F61	6.2	2.5
F52	F62	6.8	2.5
F53	F63	6.5	3.3
F54	F64	7.8	3.3
F55	F65	9.1	3.3
F56	F66	9.9	3.3
F57	F67	15.0	3.3
F58	F68	16.8	3.3
F59	F69	18.0	3.3
F60	F70	20.1	3.3

ORDERING INFORMATION:

P/N 2 5 xxx - xxx x B
 1 2 3

1. TERMINAL CODE:

SINGLE ROW PROFILE H=1.5MM:

B90, B91, B92, B93, B94, B95, B96, B97, B98
B99, C01, C02, F51, F52, F53, F54, F55, F56,
F57, F58, F59, F60

DOUBLE ROW PROFILE H=1.5MM:

C03, C04, C05, C06, C07, C08, C09, C10, C11,
C12, C13, C14, F61, F62, F63, F64, F65, F66,
F67, F68, F69, F70

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

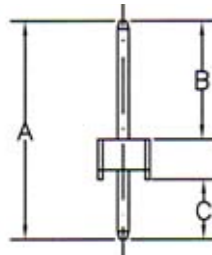
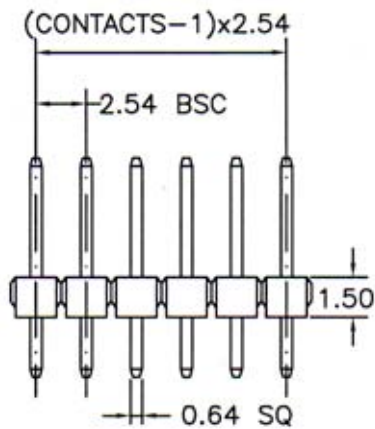
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

CONTACTSx2.54

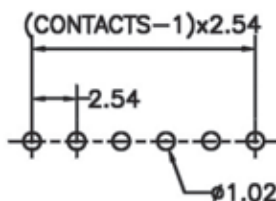
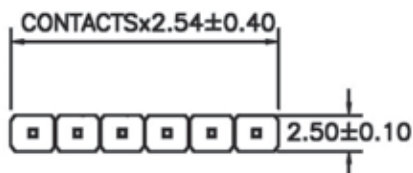
2.50



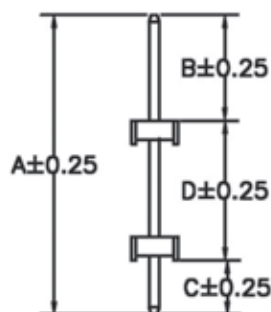
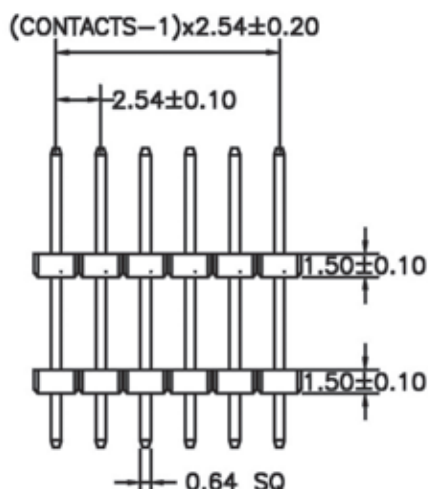
Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T
All materials must be RoHS compliant.

1. EXTERIOR CODE:
1S1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
002 ~ 040
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.54MM (0.100") PIN HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 5 5 1 S 2 - A/B/C/D - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

1S2

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

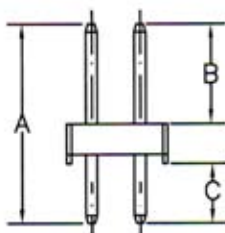
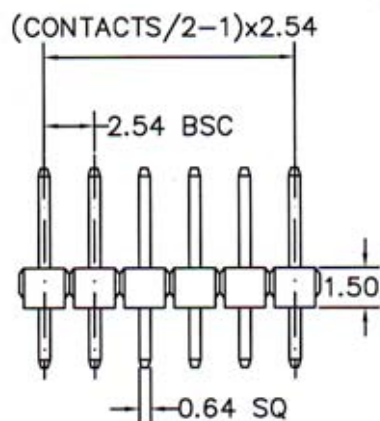
"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

CONTACTS/2x2.54

5.00



Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T
All materials must be RoHS compliant.

CODE: 2 6 1 2 S 1 - A/B/C - x x x x B

$$\mathbf{P/N} \quad \mathbf{P} \frac{\mathbf{x\ x\ x\ x\ x}}{\mathbf{y\ y\ m\ m\ d\ d}} - \frac{\mathbf{x\ x\ x\ x}}{3} \frac{\mathbf{x}}{4} \mathbf{B}$$

- # ELITALIA

2.54MM (0.100") PIN HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=1.50MM

SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

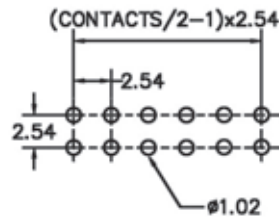
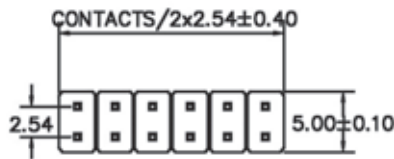
Operating Temperature: -55°C to +105°C

MATERIALS

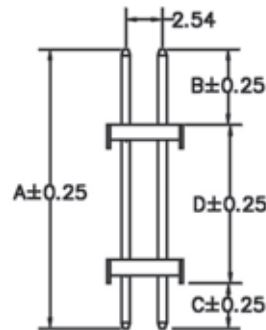
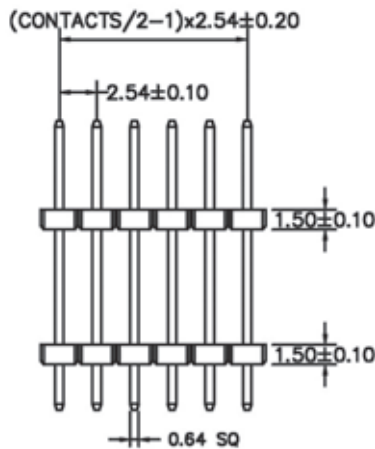
Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

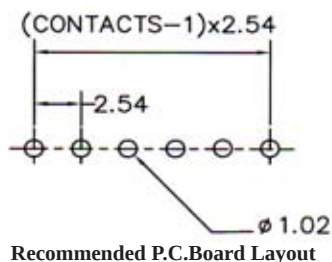
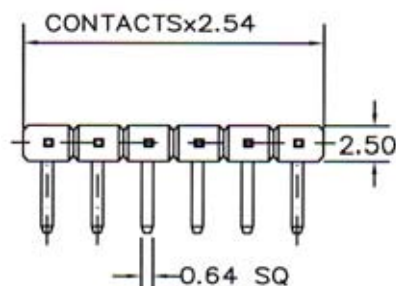
CODE: 2 6 1 2 S 2 - A/B/C/D - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:
2S2
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER RIGHT ANGLE TYPE PROFILE=1.50MM



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

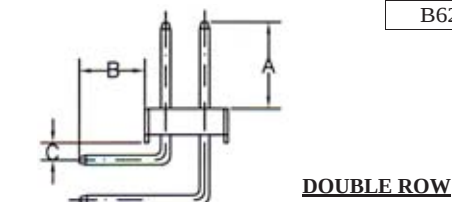
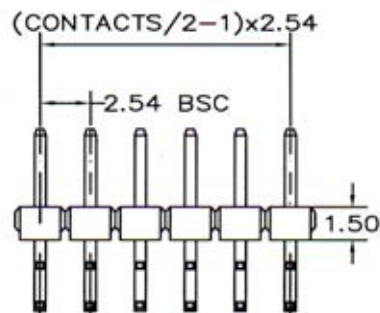
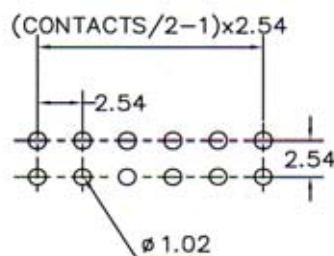
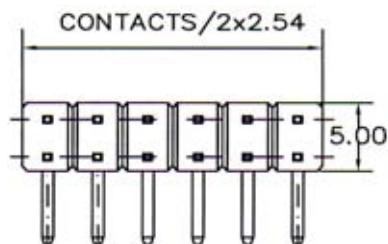
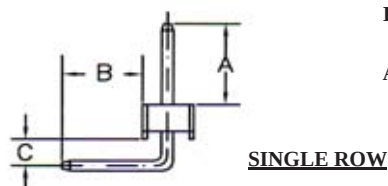
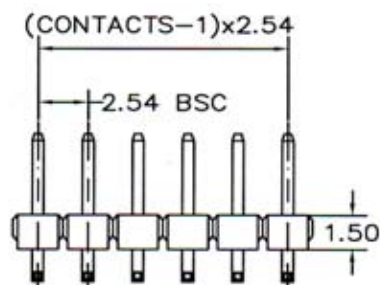
Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.



Terminal Code 1	Terminal Code 2	Dimensions(mm)		
		A	B	C
B54	B63	3.5	3.3	1.7
B55	B64	4.8	3.3	1.7
B56	B65	6.1	3.3	1.7
B57	B66	6.9	3.3	1.7
B58	B67	9.9	3.3	1.7
B59	B68	12.0	3.3	1.7
B60	B69	13.8	3.3	1.7
B61	B70	15.0	3.3	1.7
B62	B71	17.1	3.3	1.7

ORDERING INFORMATION:

P/N 25 Bxx - xxx B

1 2 3

1. TERMINAL CODE:

SINGLE ROW PROFILE H=1.5MM:

B54, B55, B56, B57, B58, B59, B60, B61, B62

DOUBLE ROW PROFILE H=1.5MM:

B63, B64, B65, B66, B67, B68, B69, B70, B71

2. NO. OF CONTACTS:

001 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

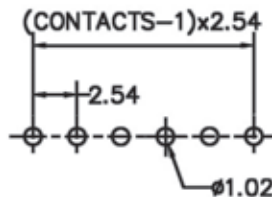
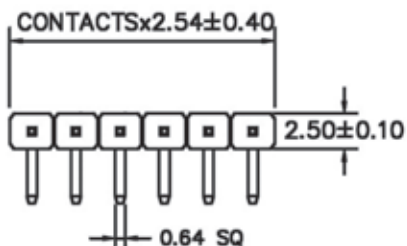
"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

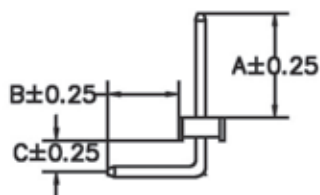
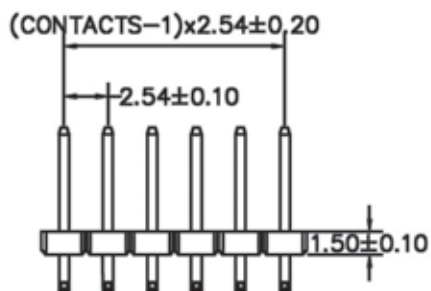
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM (0.100") PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 5 5 1 D 1 - A/B/C - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

1D1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

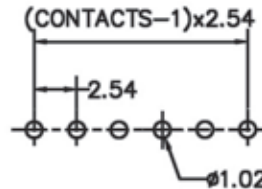
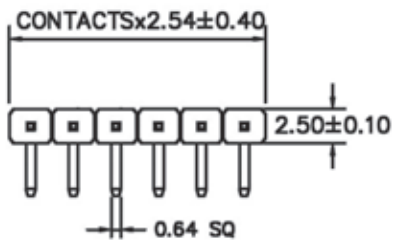
4. CONTACT FINISH:

"G" FULL GOLD PLATED

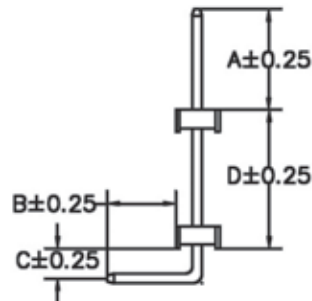
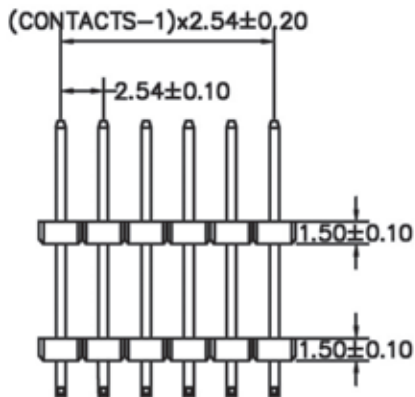
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

**2.54MM (0.100") PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE
PROFILE=1.50MM**



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 5 5 1 D 4 - A/B/C/D - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

1D4

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

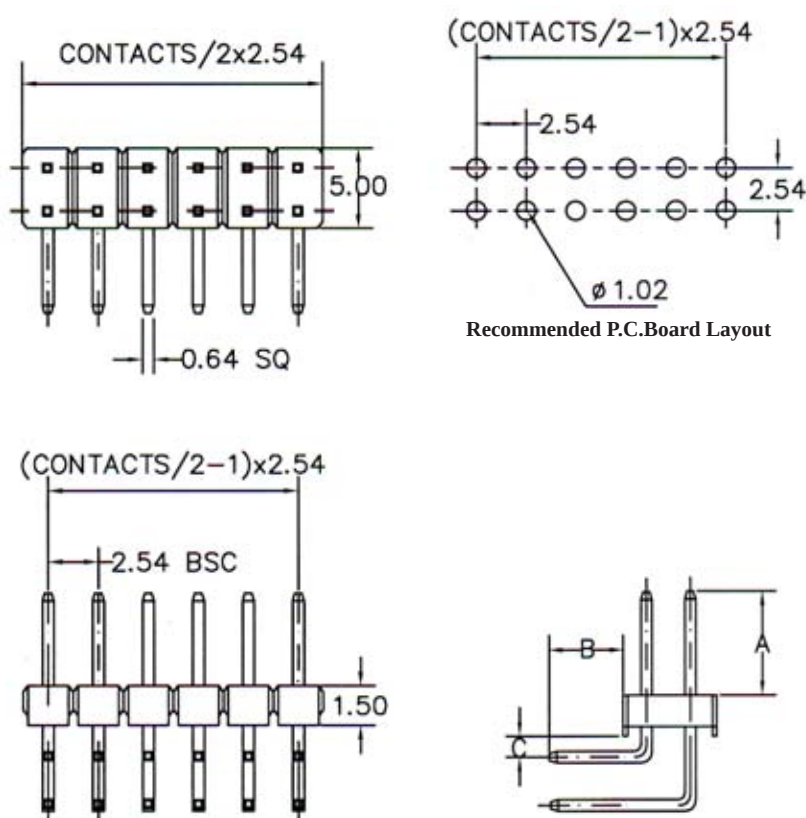
4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=1.50MM



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

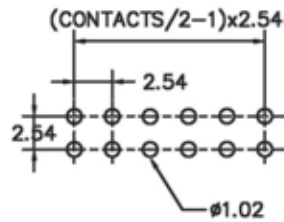
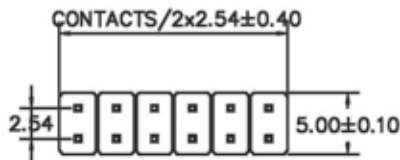
CODE: 2 6 1 2 D 1 - A/B/C - x x x x B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

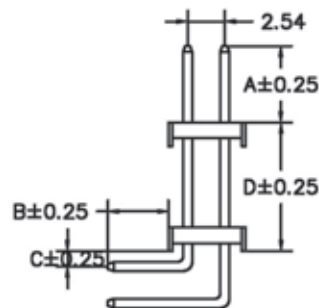
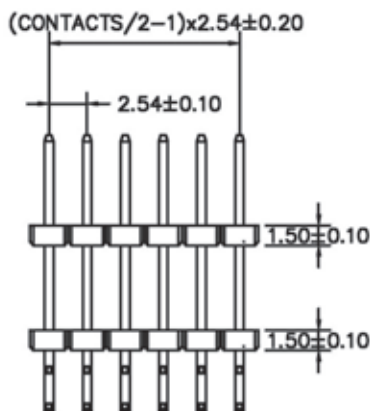
P/N P $\frac{XX}{YY}$ $\frac{XX}{MM}$ $\frac{XX}{DD}$ X - $\frac{XXX}{3}$ $\frac{X}{4}$ B

1. EXTERIOR CODE:
2D1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.54MM (0.100") PIN HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 A
Contact Resistance: 20mΩ Max.
Insulator Resistance: 1000MΩ Min.
Withstanding Voltage: 1000V AC/Min.
Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black
Contact: Copper Alloy
All materials must be RoHS compliant.

ORDERING INFORMATION:

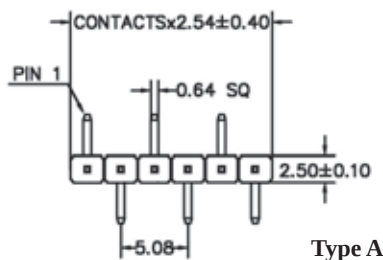
CODE: 2 6 1 2 D 4 - A/B/C/D - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:
2D4
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

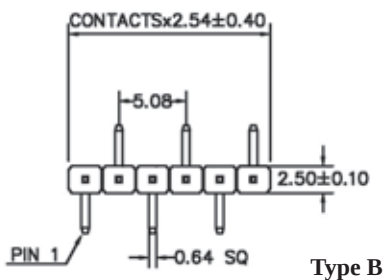
2.54MM (0.100") PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.50MM



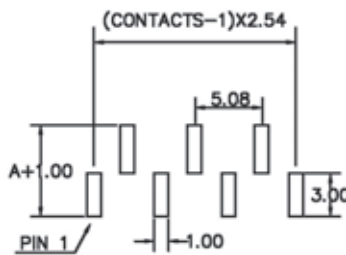
Type A



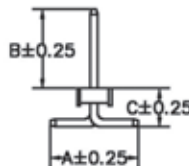
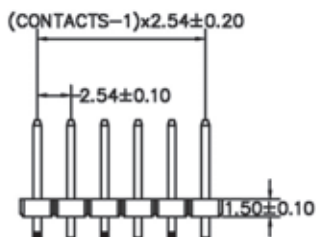
Recommended P.C.Board Layout



Type B



Recommended P.C.Board Layout



ORDERING INFORMATION:

CODE: 2 5 5 1 M 1 - A/B/C - x x x x B - x x
 1 2 3 4 5 6

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

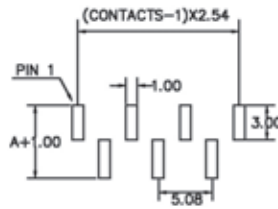
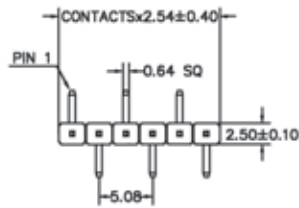
P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

- EXTERIOR CODE:
1M1
- DIMENSION A/B/C (UNIT: mm)
- NO. OF CONTACTS:
002 ~ 040
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

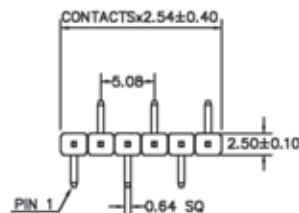
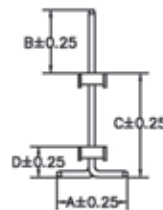
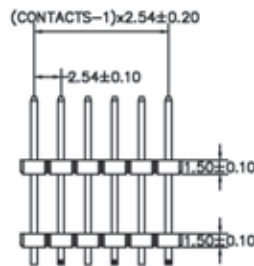
- PCB LAYOUT TYPE:
"A" TYPE A
"B" TYPE B
- PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

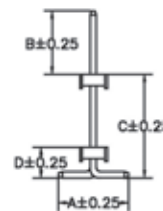
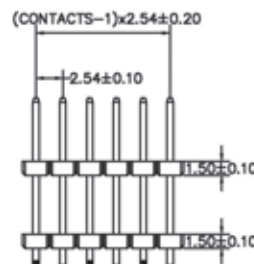
2.54MM (0.100") PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=1.50MM



Recommended P.C.Board Layout
Type A



Recommended P.C.Board Layout
Type B



SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 5 5 1 M 4 - A/B/C/D - x x x x B - x x
1 2 3 4 5 6

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

1M4

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PCB LAYOUT TYPE:

"A" TYPE A

"B" TYPE B

6. PAD & PACKAGE OPTION:

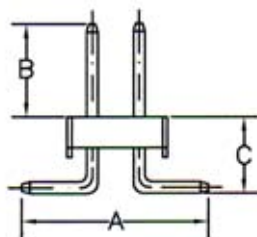
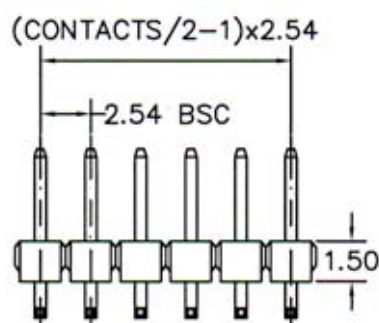
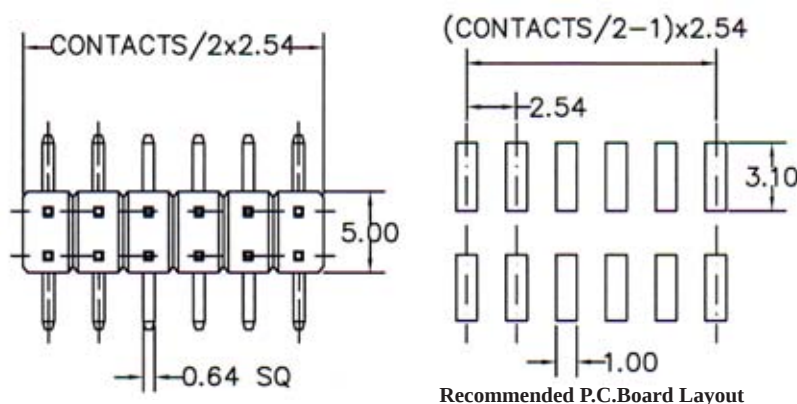
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=1.50MM



SPECIFICATIONS

Current Rating: 3 Amperes
 Insulation Resistance: 1000MΩ Min
 Dielectric Withstanding: 600V AC/DC
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
 Contact Plating: Gold / Tin over Nickel
 Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 1 2 M 1 - A/B/C - x x x x B - x
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

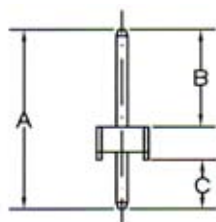
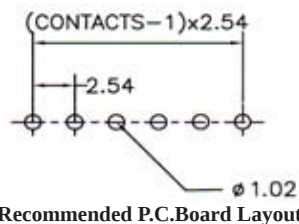
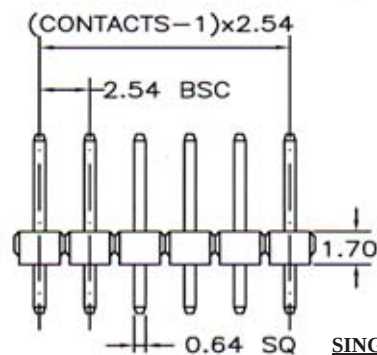
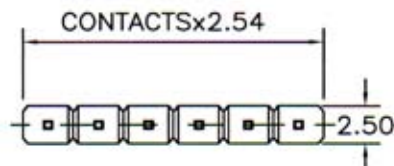
P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

1. EXTERIOR CODE:
2M1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") PIN HEADER STRAIGHT TYPE PROFILE=1.70MM



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

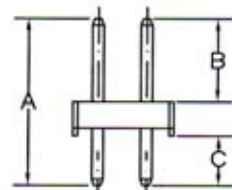
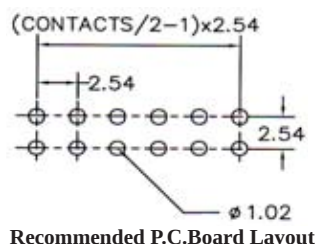
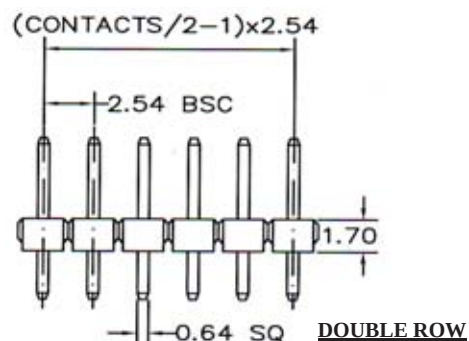
MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

All materials must be RoHS compliant.



SINGLE ROW	DOUBLE ROW	Dimensions(mm)	
		B	C
C15	C27	6.0	2.5
C16	C28	6.6	2.5
C17	C29	6.3	3.3
C18	C30	7.6	3.3
C19	C31	9.0	3.3
C20	C32	9.5	3.3
C21	C33	9.8	3.3
C22	C34	12.9	3.3
C23	C35	14.8	3.3
C24	C36	16.6	3.3
C25	C37	17.8	3.3
C26	C38	19.9	3.3
F45	F48	8.9	3.3
F46	F49	9.7	3.3
F47	F50	12.7	3.3

ORDERING INFORMATION:

P/N 2 5 x x x - x x x x B
 1 2 3

1. TERMINAL CODE:

SINGLE ROW PROFILE H=1.7MM:

C15, C16, C17, C18, C19, C20, C21, C22, C23
C24, C25, C26, F45, F46, F47

DOUBLE ROW PROFILE H=1.7MM:

C27, C28, C29, C30, C31, C32, C33, C34, C35,
C36, C37, C38, F48, F49, F50

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

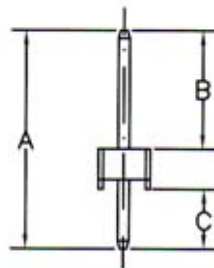
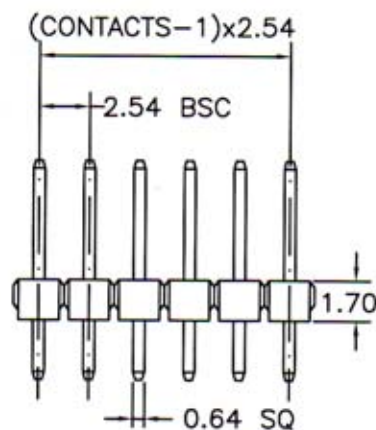
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S
DESIGNS!



Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T
All materials must be RoHS compliant.

1. EXTERIOR CODE:
1S1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
002 ~ 040
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.54MM (0.100") PIN HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=1.70MM

SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

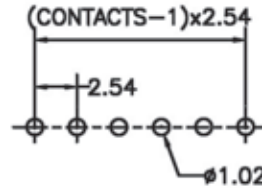
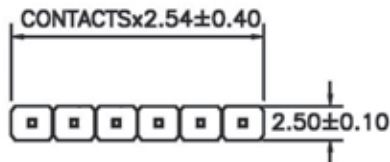
Operating Temperature: -55°C to +105°C

MATERIALS

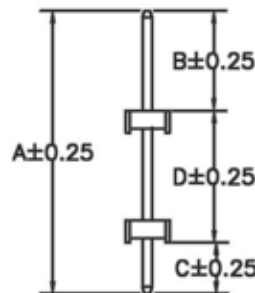
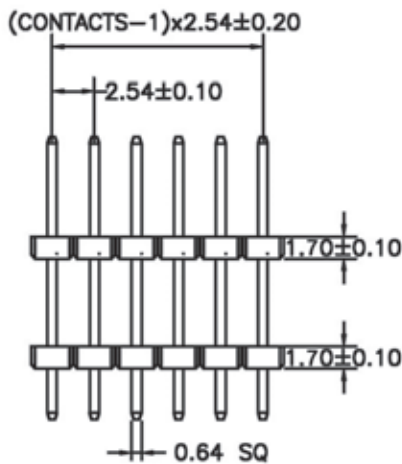
Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

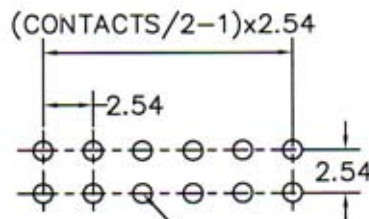
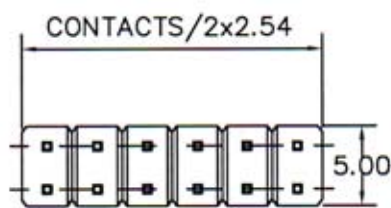
CODE: 2 5 7 1 S 2 - A/B/C/D - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

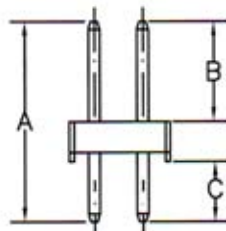
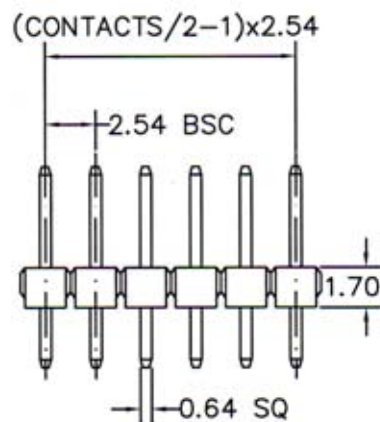
P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:
1S2
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
002 ~ 040
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=1.70MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 2 2S1 - A/B/C - xxx x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P xxx xxx xxx x - xxx x B
YY MM DD 3 4

1. EXTERIOR CODE:

2S1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

**2.54MM (0.100") PIN HEADER DOUBLE ROW STRAIGHT DIP TYPE
PROFILE=1.70MM**

Current Rating: 3 A

Contact Resistance:

Insulator Resistance: 1000MΩ M

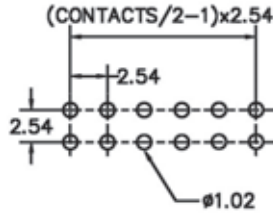
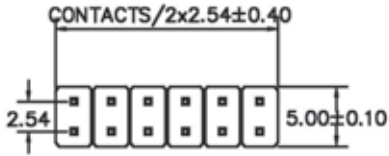
Operating Temperature: -55°C to +100°C

Operating temperature: 55 °C to 105 °C

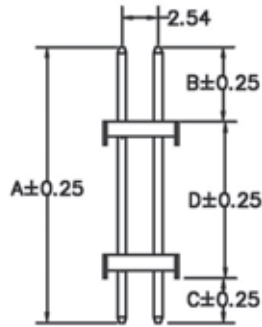
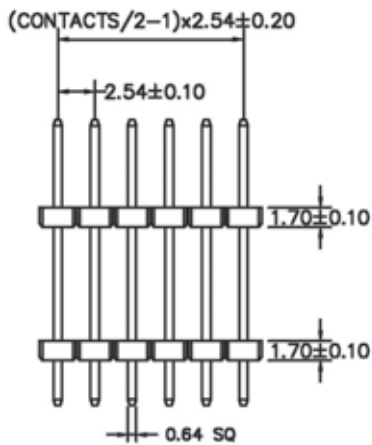
Insulator: NY6T U

Contact: Copper Alloy

THE PROPERTIES MUST BE:



Recommended P.C.Board Layout



ORDERING INFORMATION:

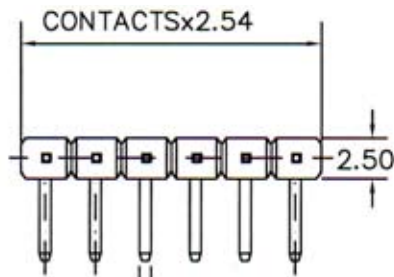
CODE: 2 6 2 $\frac{2}{1}$ S $\frac{2}{2}$ - $\frac{A/B/C/D}{2}$ - $\frac{x}{3} \frac{x}{4} \frac{x}{4} \frac{x}{4}$ B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

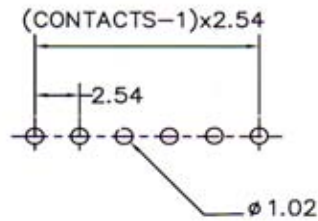
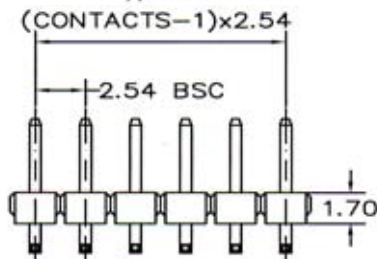
P/N P XX XX XX X - XXX X B
YY MM DD 3 4

1. EXTERIOR CODE:
2S2
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

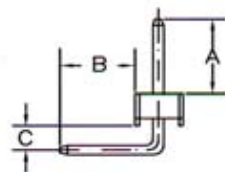
2.54MM(0.100") PIN HEADER RIGHT ANGLE TYPE PROFILE=1.70MM



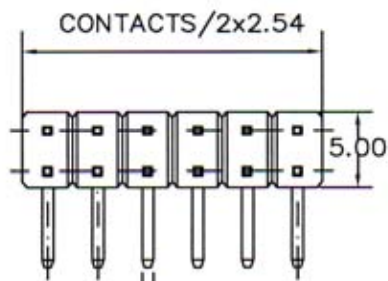
0.64 SQ



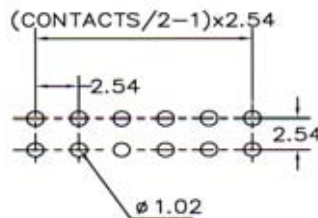
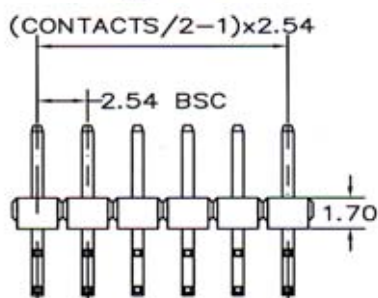
Recommended P.C.Board Layout



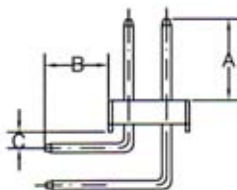
SINGLE ROW



0.64 SQ



Recommended P.C.Board Layout



DOUBLE ROW

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

Terminal Code 1	Terminal Code 2	Dimensions(mm)		
		A	B	C
B72	B81	3.5	3.3	1.5
B73	B82	4.8	3.3	1.5
B74	B83	6.1	3.3	1.5
B75	B84	6.9	3.3	1.5
B76	B85	9.9	3.3	1.5
B77	B86	12.0	3.3	1.5
B78	B87	13.8	3.3	1.5
B79	B88	15.0	3.3	1.5
B80	B89	17.1	3.3	1.5

ORDERING INFORMATION:

P/N 25 Bxx - xxx B
 1 2 3

1. TERMINAL CODE:

SINGLE ROW PROFILE H=1.7MM:

B72, B73, B74, B75, B76, B77, B78, B79, B80

DOUBLE ROW PROFILE H=1.7MM:

B81, B82, B83, B84, B85, B86, B87, B88, B89

2. NO. OF CONTACTS:

001 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

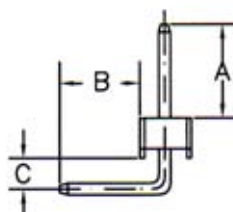
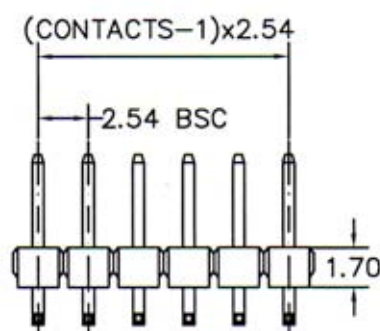
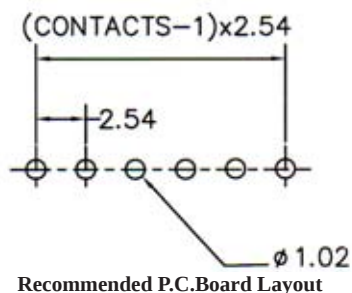
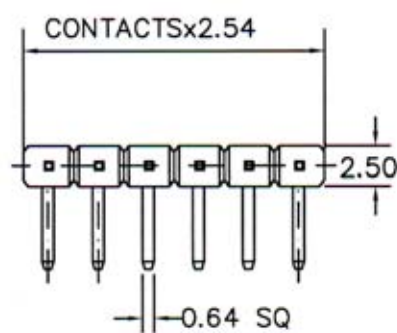
"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM(0.100") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=1.70MM



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000M Ω Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20m Ω Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

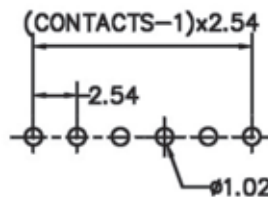
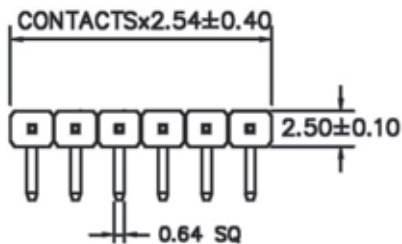
CODE: $2\ 5\ 7\ \frac{1\ D\ 1}{1} - \frac{A/B/C}{2} - \frac{x\ x\ x\ x\ B}{3\ 4}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

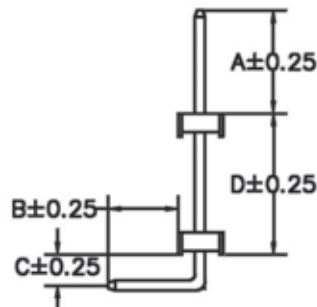
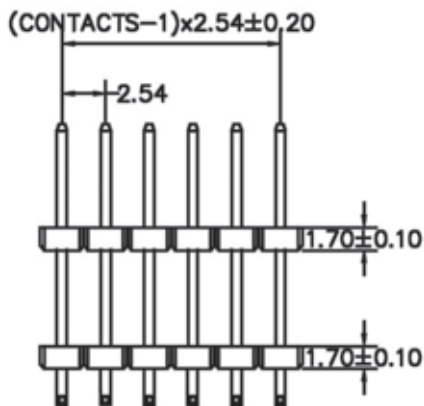
P/N $P\ \frac{x\ x\ x\ x\ x\ x\ x}{YY\ MM\ DD} - \frac{x\ x\ x\ x\ B}{3\ 4}$

1. EXTERIOR CODE:
1D1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
002 ~ 040
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.54MM (0.100") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=1.70MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 A
 Contact Resistance: 20mΩ Max.
 Insulator Resistance: 1000MΩ Min.
 Withstanding Voltage: 1000V AC/Min.
 Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black
 Contact: Copper Alloy
 All materials must be RoHS compliant.

ORDERING INFORMATION:

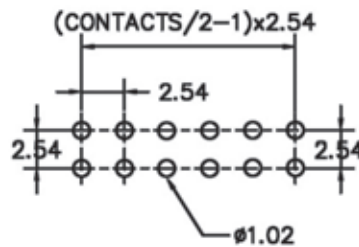
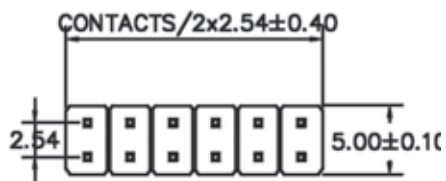
CODE: 2 5 7 1 D 4 - A/B/C/D - x x x x B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

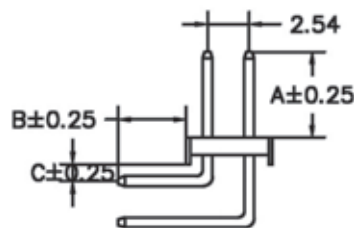
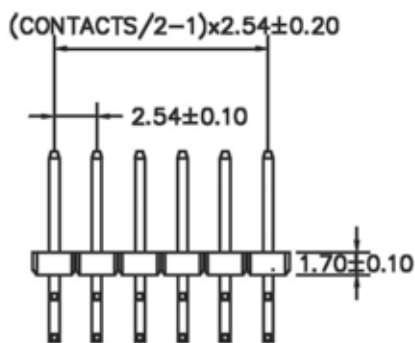
P/N P x x x x x x - x x x x B

1. EXTERIOR CODE:
1D4
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
002 ~ 040
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.54MM (0.100") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=1.70MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 2 2 D 1 - A/B/C - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

2D1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

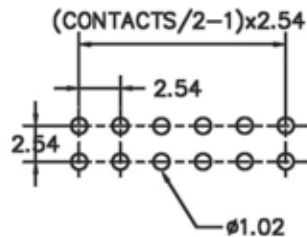
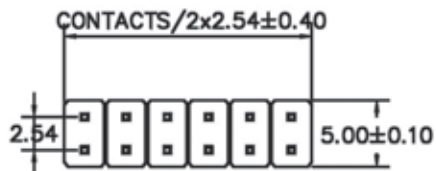
4. CONTACT FINISH:

"G" FULL GOLD PLATED

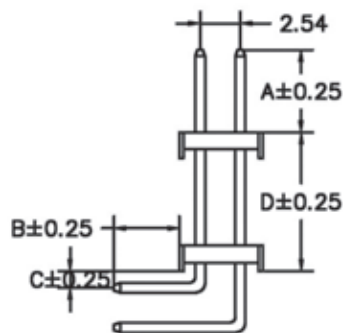
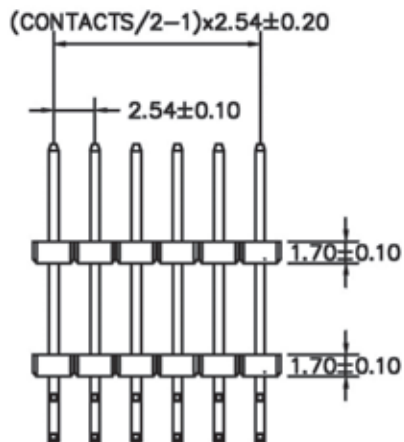
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM (0.100") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=1.70MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 2 2 D 4 - A/B/C/D - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

2D4

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER DOUBLE ROW WITH 0.5MM ROUND CONTACTS PROFILE=1.70MM

SPECIFICATIONS

Current Rating: 3Amp

Insulation Resistance: 5000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

CODE	DIMENSIONS(MM)		
	A	B	C
R01	6.50	2.30	2.50
R02	8.30	3.40	3.30
R03	11.30	6.30	3.30
R04	12.60	7.60	3.30
R05	14.70	9.70	3.30

MATERIAL

Insulator: High Temperature

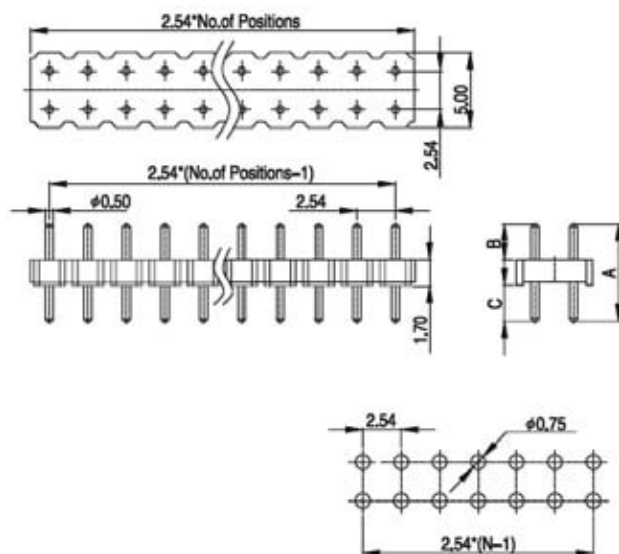
Thermoplastic UL94V-0

Contact: Copper Alloy

Plating: Au or Sn Over Nickel

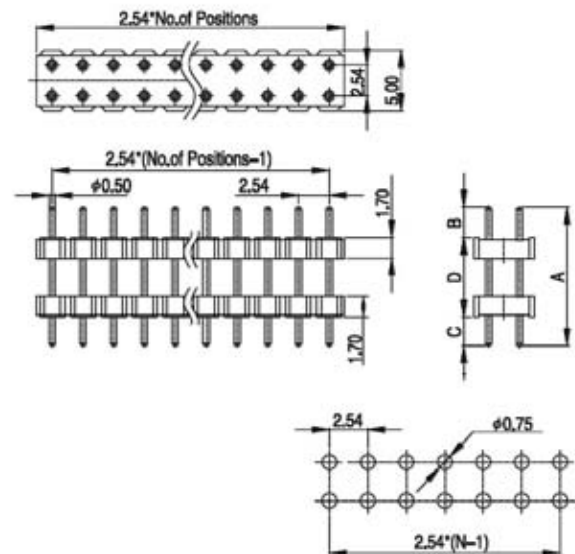
All materials must be RoHS compliant.

Single Body



Recommended P.C.Board Layout

Double Body



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 xxx - xxx x B
1 2 3

1. TERMINAL CODE:

SINGLE BODY TYPE:

R01, R02, R03, R04, R05

DOUBLE BODY TYPE:

"R08" A/B/C/D = 13.5/2.3/2.5/8.7MM

"R09" A/B/C/D = 17.5/3.4/3.3/10.8MM

2. NO. OF CONTACTS:

004 ~ 080

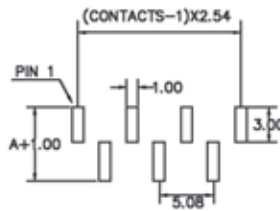
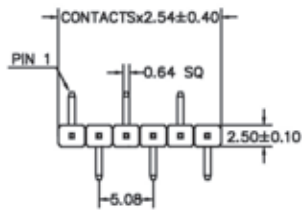
3. CONTACT FINISH:

"G" FULL GOLD PLATED

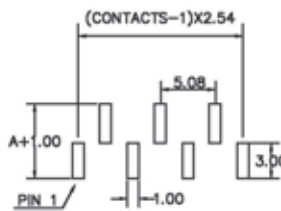
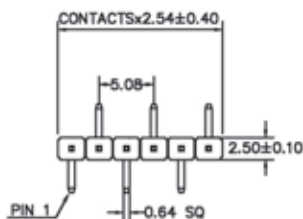
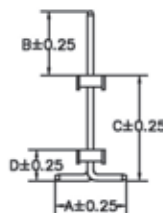
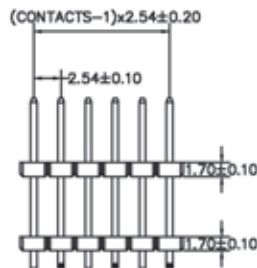
"T" FULL TIN PLATED

NOTE: Ø0.50MM ROUND CONTACTS

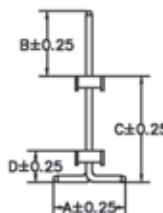
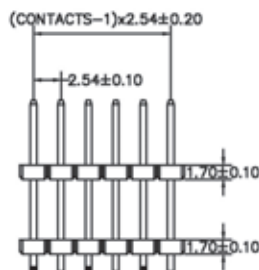
2.54MM (0.100") PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=1.70MM



Recommended P.C.Board Layout
Type A



Recommended P.C.Board Layout
Type B



SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 5 7 1 M 4 - A/B/C/D - x x x x B - x x
1 2 3 4 5 6

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

1M4

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PCB LAYOUT TYPE:

"A" TYPE A

"B" TYPE B

6. PAD & PACKAGE OPTION:

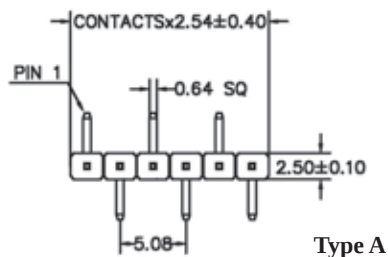
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

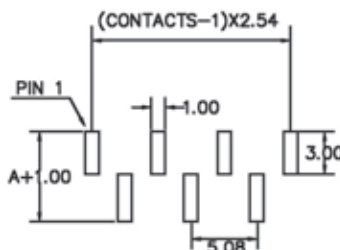
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

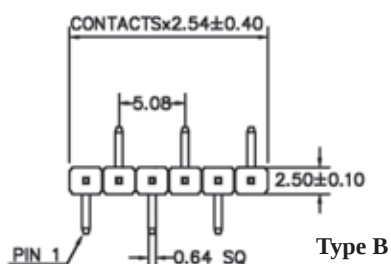
2.54MM (0.100") PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.70MM



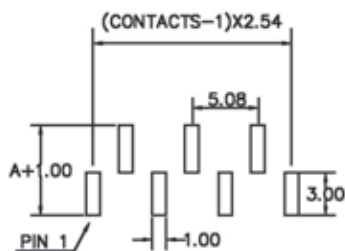
Type A



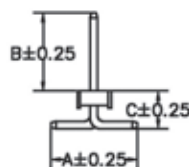
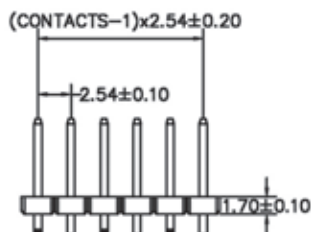
Recommended P.C. Board Layout



Type B



Recommended P.C. Board Layout



ORDERING INFORMATION:

CODE: 2 5 7 1 M 1 - A/B/C - x x x x B - x x

1 2 3 4 5 6

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B

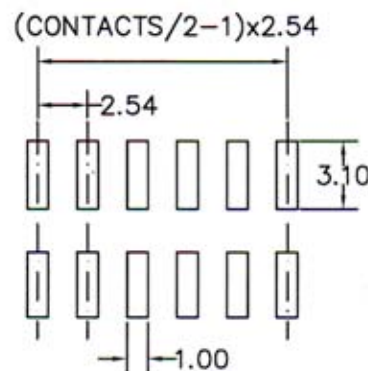
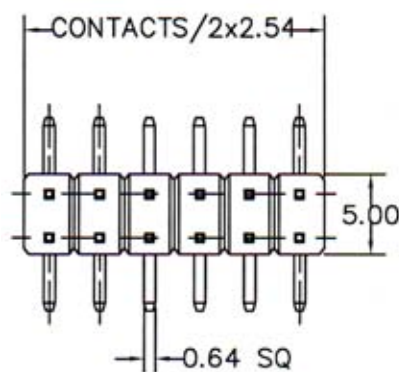
YY MM DD 3 4

1. EXTERIOR CODE:
1M1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
002 ~ 040
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

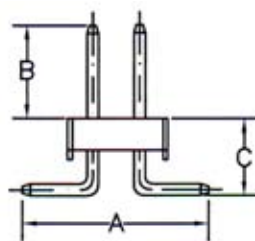
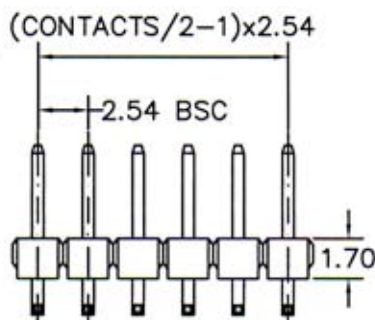
5. PCB LAYOUT TYPE:
"A" TYPE A
"B" TYPE B
6. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=1.70MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 2 2 M 1 - A/B/C - x x x x B - x
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

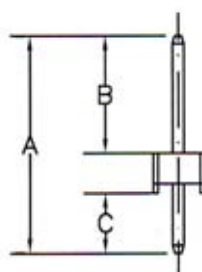
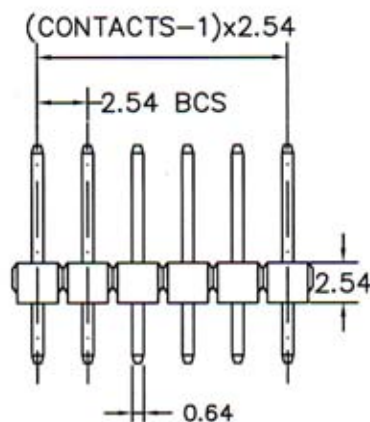
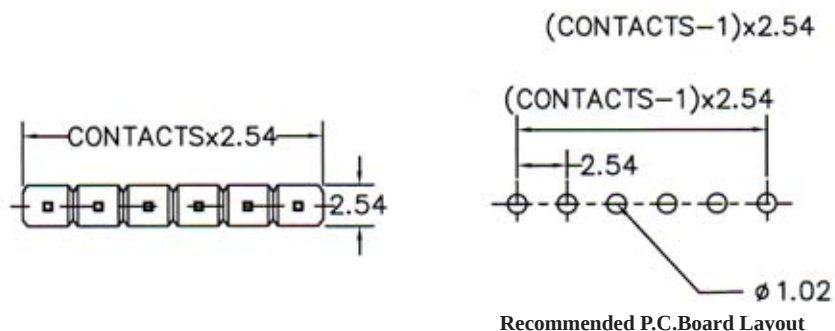
P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

1. EXTERIOR CODE:
2M1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T or Nylon-6T

All materials must be RoHS compliant.

Terminal Code	Dimensions(mm)		
	A	B	C
PA	10.20	5.20	2.50
PB	10.80	5.80	2.50
PC	11.60	5.80	3.30
PD	12.60	6.80	3.30
PE	14.00	8.20	3.30
PF	14.80	9.00	3.30
PG	17.90	12.10	3.30
PH	19.80	14.00	3.30
PJ	21.60	15.80	3.30
PK	22.80	17.00	3.30
PL	24.90	19.10	3.30
NF	11.60	6.00	3.10
NG	11.80	6.00	3.30
NH	12.60	7.00	3.10
NJ	13.50	8.00	3.00
NK	14.20	8.70	3.00
NL	16.00	10.50	3.00
NM	18.00	12.50	3.00
NN	20.00	14.50	3.00
TK	14.50	8.90	3.10
TL	11.30	5.50	3.30
TF	11.80	5.70	3.60
PP	13.90	8.10	3.30
PY	14.70	8.90	3.30
PZ	17.70	11.90	3.30

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / $\frac{xx}{4}$

1. TERMINAL CODE:

PA, PB, PC, PD, PE, PF, PG, PH, PJ, PK,
PL, NF, NG, NH, NJ, NK, NL, NM, NN,
TK, TL, TF, PP, PY, PZ

2. NO. OF CONTACTS:

001 ~ 040 (or 050)

3. CONTACT FINISH:

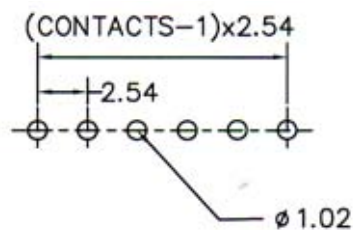
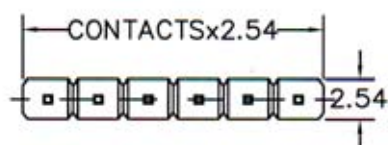
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

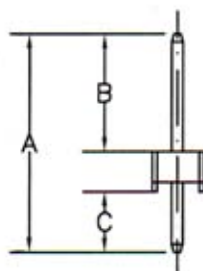
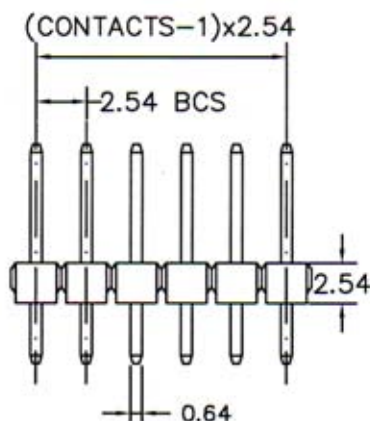
" " PBT
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S
DESIGNS!

2.54MM(0.100") PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=2.54MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE 2 5 4 1 S 1 - A/B/C - x x x x B / x x
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

1. EXTERIOR CODE:

1S1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

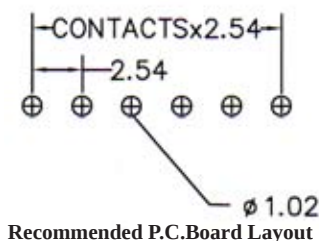
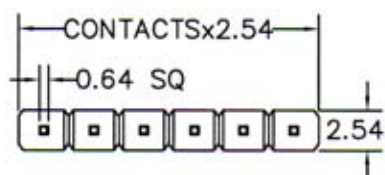
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

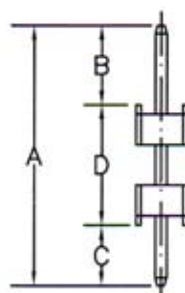
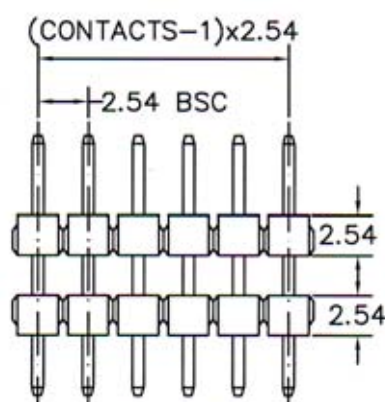
" " PBT

"6T" NYLON 6T

2.54MM(0.100") PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=2.54MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000M Ω Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20m Ω Max.

Operating Temperature: -40 $^{\circ}$ C to +105 $^{\circ}$ C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T or Nylon-6T

All materials must be RoHS compliant.

Terminal Code	Dimensions(mm)			
	A	B	C	D
HA	17.70	5.70	3.30	8.70
HB	19.80	5.70	3.30	10.80
HC	21.60	5.70	3.30	12.60
HD	22.80	5.70	3.30	13.80
HE	24.90	5.70	3.30	15.90
HF	26.70	5.70	3.30	17.70
HG	29.00	5.70	3.30	20.00
HH	30.80	5.70	3.30	21.80
HJ	37.80	5.70	3.30	28.80
HK	40.80	5.70	3.30	31.80
KP	24.90	6.40	3.00	10.50
TX	45.30	5.70	3.30	36.30

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / $\frac{xx}{4}$

1. TERMINAL CODE:

HA, HB, HC, HD, HE, HF, HG, HH, HJ,
HK, KP, TX

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

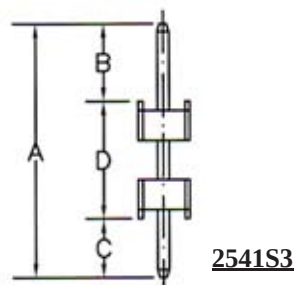
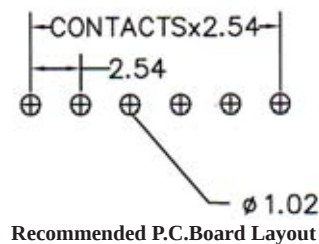
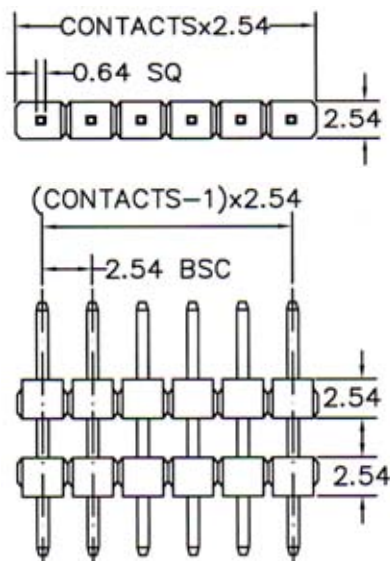
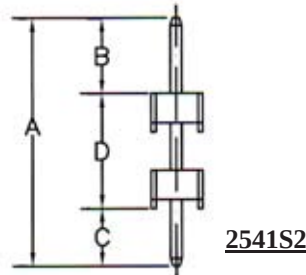
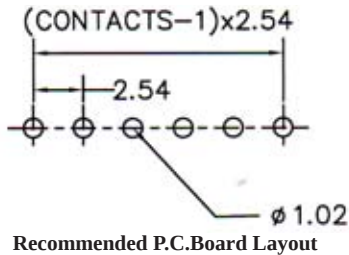
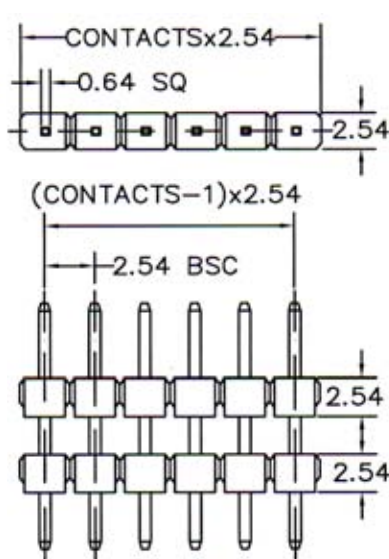
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S
DESIGNS!

2.54MM(0.100") PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
 Insulation Resistance: 1000MΩ Min
 Dielectric Withstanding: 600V AC/DC
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
 Contact Plating: Gold / Tin over Nickel
 Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 5 4 1 S x - A/B/C/D - x x x x B / x x

1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B

YY MM DD 3 4

1. EXTERIOR CODE:

"1S2" SEE DRAWING!

"1S3" SEE DRAWING!

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

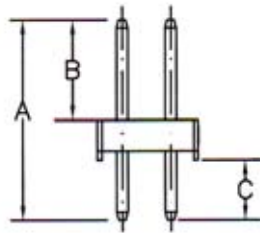
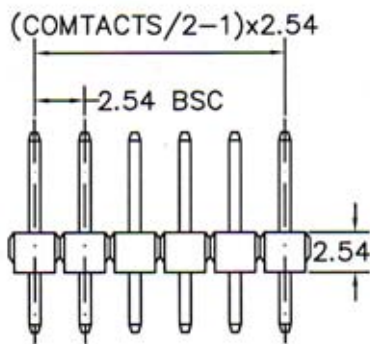
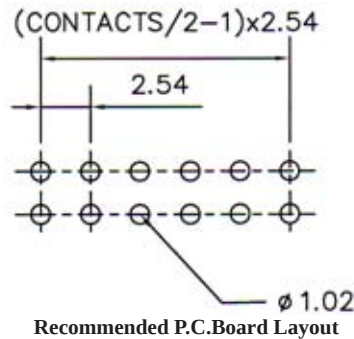
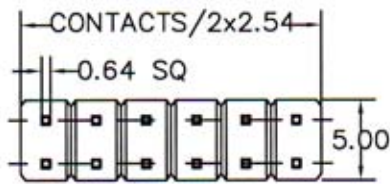
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.

Terminal Code	Dimensions(mm)		
	A	B	C
QA	10.20	5.20	2.50
QB	10.80	5.80	2.50
QC	11.60	5.80	3.30
QD	12.60	6.80	3.30
QE	14.00	8.20	3.30
QF	14.80	9.00	3.30
QG	17.90	12.10	3.30
QH	19.80	14.00	3.30
QJ	21.60	15.80	3.30
QK	22.80	17.00	3.30
QL	24.90	19.10	3.30
NP	11.60	6.00	3.10
NQ	11.80	6.00	3.30
NR	12.60	7.00	3.10
NS	13.50	8.00	3.00
NT	14.20	8.70	3.00
NU	16.00	10.50	3.00
NV	18.00	12.50	3.00
NW	20.00	14.50	3.00
TM	14.50	8.90	3.10
TN	11.30	5.50	3.30
TZ	11.80	5.70	3.60
QP	13.90	8.10	3.30
MR	14.70	8.90	3.30
MS	17.70	11.90	3.30

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1} - \frac{xxx}{2} \frac{x}{3} B / \frac{xx}{4}$

1. TERMINAL CODE:

QA, QB, QC, QD, QE, QF, QG, QH, QJ, QK, QL, NP, NQ, NR, NS, NT, NU, NV, NW, TM, TN, TZ, QP, MR, MS

2. NO. OF CONTACTS:

004 ~ 080 (or 100)

3. CONTACT FINISH:

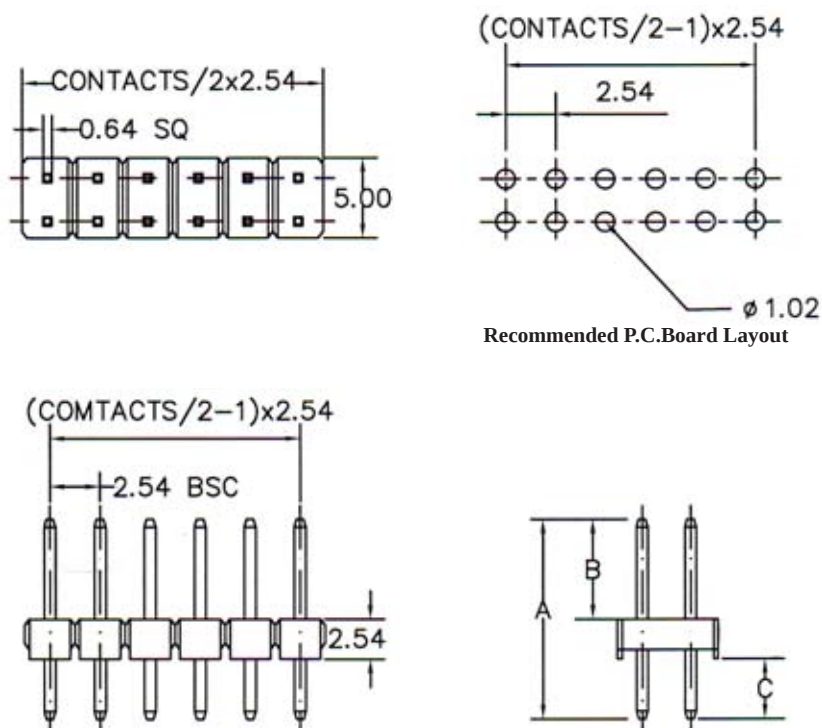
"G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT
 "6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM(0.100") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 0 2 S 1 - A/B/C - xxxx B / xx
 1 2 3 4 5

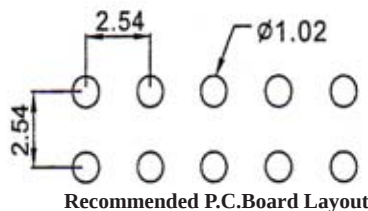
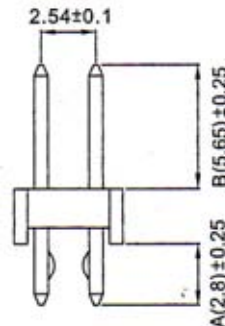
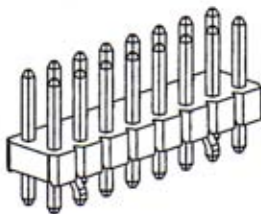
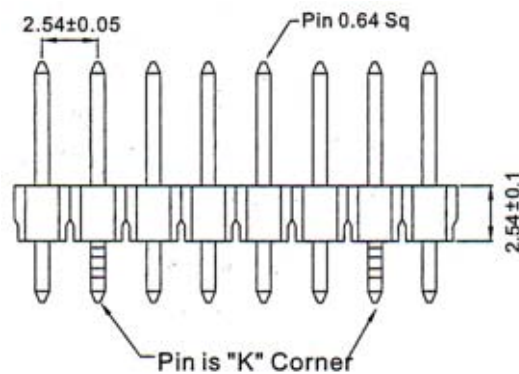
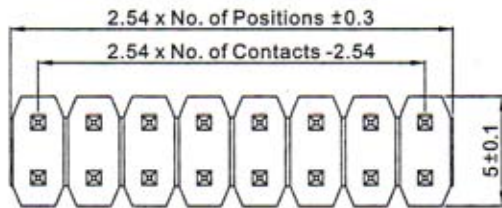
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P xxxxxx - xxxx B
 YY MM DD 3 4

1. EXTERIOR CODE:
2S1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") PIN HEADER DOUBLE ROW WITH KINKED CONTACTS PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T or Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 0 2 S K - A/B - x x x x B / x x
1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

2SK

2. DIMENSION A/B (UNITE: mm)

3. NO. OF CONTACTS:

004 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

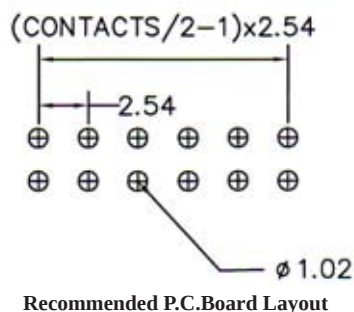
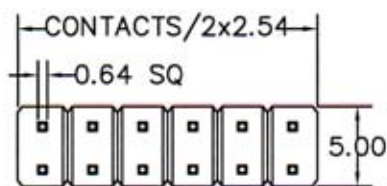
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

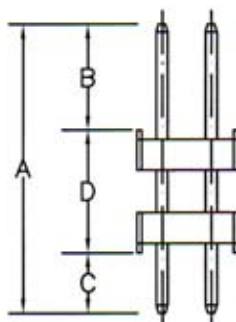
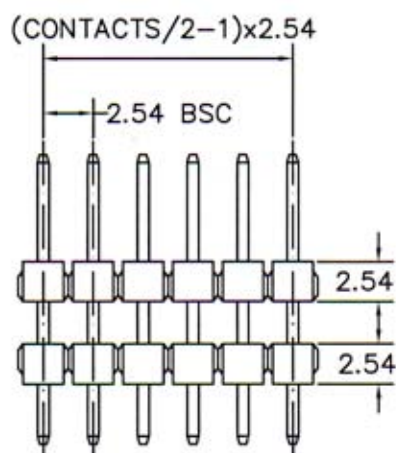
MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T or Nylon-6T

All materials must be RoHS compliant.



Terminal Code	Dimensions(mm)			
	A	B	C	D
HN	17.70	5.70	3.30	8.70
HP	19.80	5.70	3.30	10.80
HQ	21.60	5.70	3.30	12.60
HR	22.80	5.70	3.30	13.80
HS	24.90	5.70	3.30	15.90
HT	26.70	5.70	3.30	17.70
HU	29.00	5.70	3.30	20.00
HV	30.80	5.70	3.30	21.80
HW	37.80	5.70	3.30	28.80
HX	40.80	5.70	3.30	31.80
KT	24.90	6.40	3.00	10.50
TY	45.30	5.70	3.30	36.30

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1} - \frac{xxx}{2} \frac{x}{3} B / \frac{xx}{4}$

1. TERMINAL CODE:

DOUBLE ROW:

HN, HP, HQ, HR, HS, HT, HU, HV, HW, HX, KT, TY

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

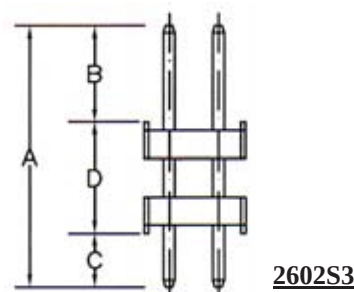
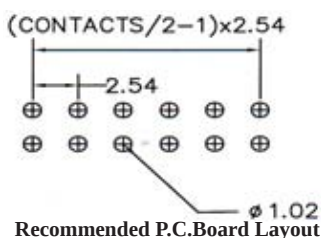
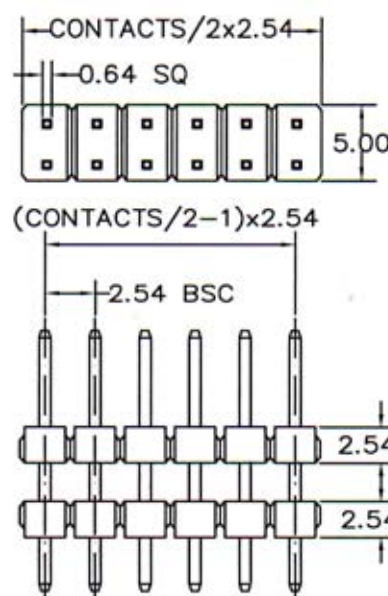
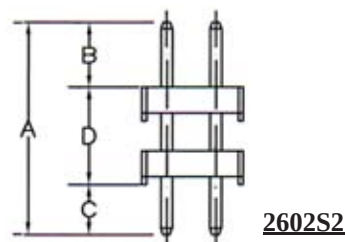
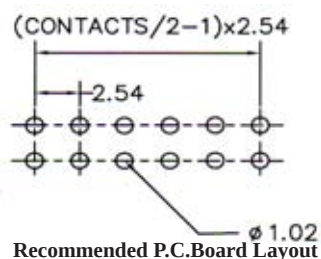
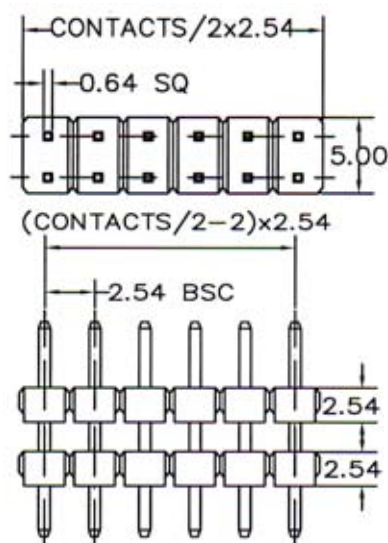
4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM(0.100") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
 Insulation Resistance: 1000MΩ Min
 Dielectric Withstanding: 600V AC/DC
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
 Contact Plating: Gold / Tin over Nickel
 Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 0 2 S x - A/B/C/D - x x x x B / x x
 1 2 3 4 5

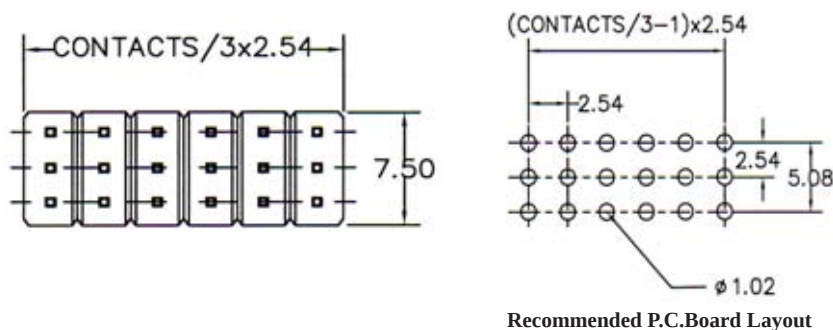
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

1. EXTERIOR CODE:
 "2S2" SEE DRAWING!
 "2S3" SEE DRAWING!
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
 004 ~ 080
4. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

5. INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T

2.54MM(0.100") PIN HEADER TRIPLE ROW STRAIGHT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

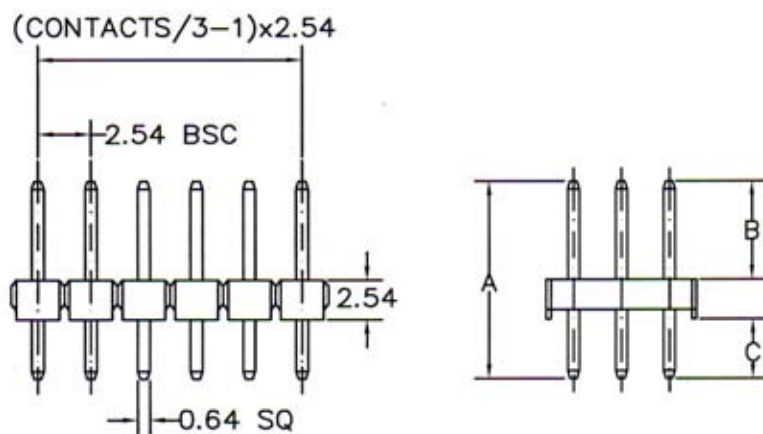
MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T or Nylon-6T

All materials must be RoHS compliant.



Terminal Code	Dimensions(mm)		
	A	B	C
KA	10.20	5.20	2.50
KB	10.80	5.80	2.50
KC	11.30	5.50	3.30
KD	12.60	6.80	3.30
KE	14.00	8.20	3.30
KF	14.80	9.00	3.30
KG	17.90	12.10	3.30
KH	19.80	14.00	3.30
KJ	21.60	15.80	3.30
KK	22.80	17.00	3.30
KL	24.90	19.10	3.30
KM	14.50	8.90	3.10
P6	13.90	8.10	3.30
P7	14.70	8.90	3.30
P8	17.70	11.90	3.30

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / $\frac{xx}{4}$

1. TERMINAL CODE:

KA, KB, KC, KD, KE, KF, KG, KH, KJ,
KK, KL, KM, P6, P7, P8

2. NO. OF CONTACTS:

006 ~ 120

3. CONTACT FINISH:

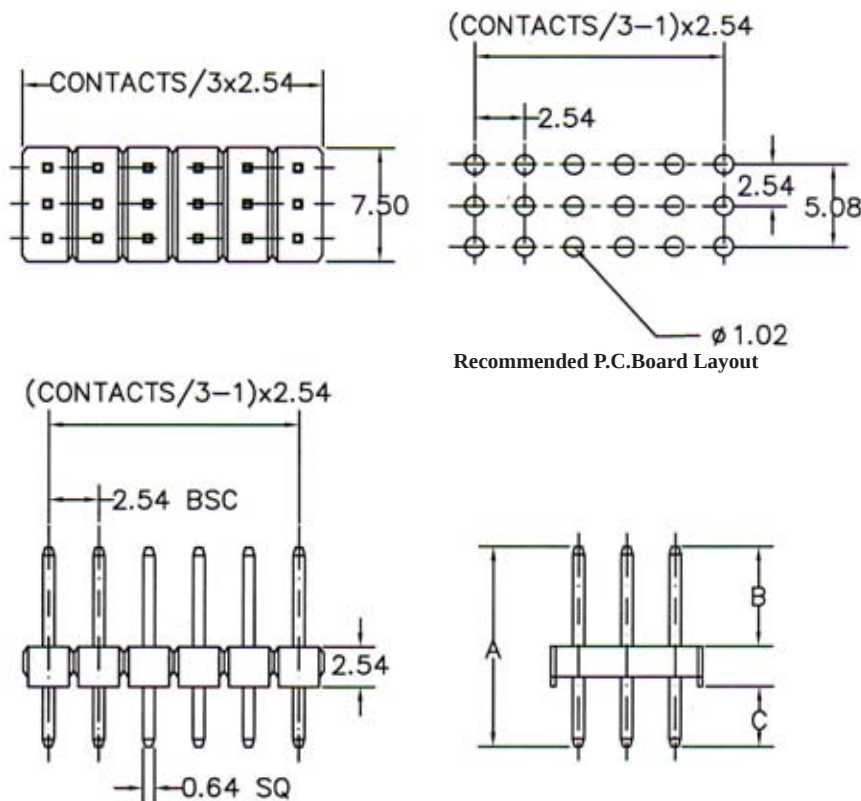
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM(0.100") PIN HEADER TRIPLE ROW STRAIGHT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
 Insulation Resistance: 1000MΩ Min
 Dielectric Withstanding: 600V AC/DC
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
 Contact Plating: Gold / Tin over Nickel
 Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 3 3 S 1 - A/B/C - x x x x B / x x
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

1. EXTERIOR CODE:
 3S1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:
 009 ~ 120

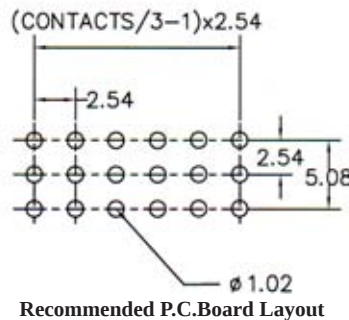
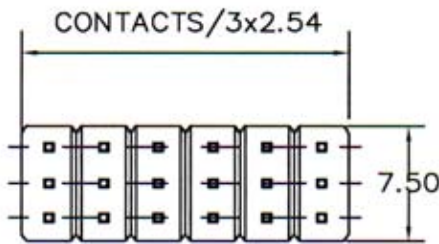
4. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") PIN HEADER TRIPLE ROW STRAIGHT TYPE PROFILE=2.54MM

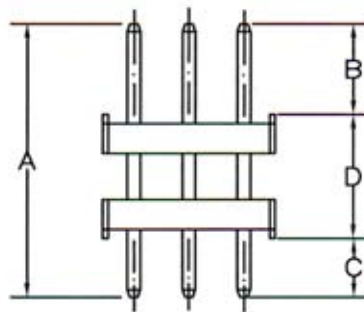
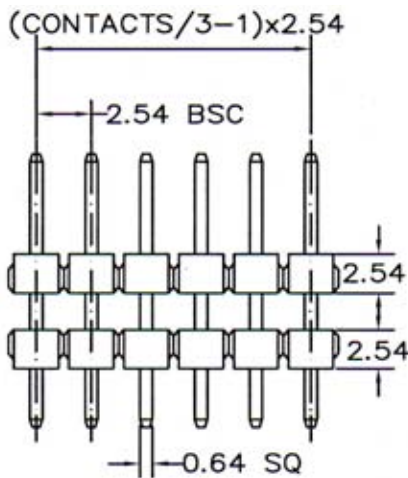


SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.



Terminal Code	Dimensions(mm)			
	A	B	C	D
LA	17.70	5.70	3.30	8.70
LB	19.80	5.70	3.30	10.80
LC	21.60	5.70	3.30	12.60
LD	22.80	5.70	3.30	13.80
LE	24.90	5.70	3.30	15.90
LF	26.70	5.70	3.30	17.70
LG	29.00	5.70	3.30	20.00
LH	30.80	5.70	3.30	21.80
LJ	37.80	5.70	3.30	28.80
LK	40.80	5.70	3.30	31.80
LZ	45.30	5.70	3.30	36.30

ORDERING INFORMATION:

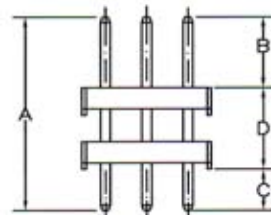
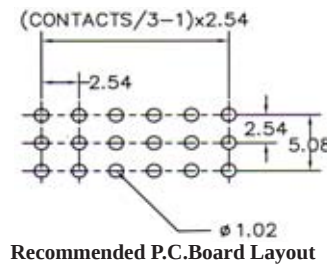
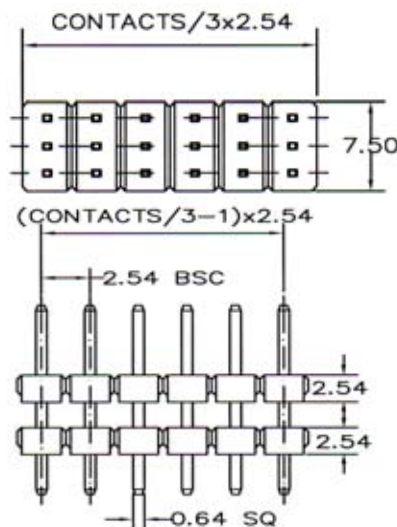
P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / $\frac{xx}{4}$

1. TERMINAL CODE:
LA, LB, LC, LD, LE, LF, LG, LH, LJ, LK, LZ
2. NO. OF CONTACTS:
006 ~ 120
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

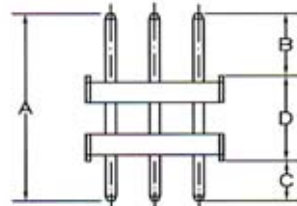
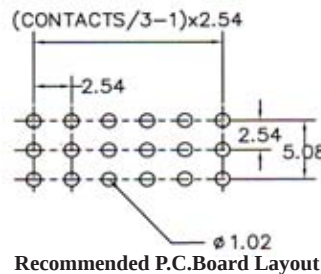
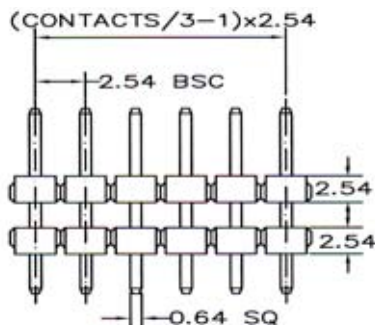
4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM(0.100") PIN HEADER TRIPLE ROW STRAIGHT TYPE PROFILE=2.54MM



2633S2



2633S3

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T or Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 3 3 S₁ x - A/B/C/D₂ - x x x x₃ B / xx₄ / xx₅

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P_{YY} xx_{MM} xx_{DD} x - x x x x₃ B₄

1. EXTERIOR CODE:

"3S2" SEE DRAWING!

"3S3" SEE DRAWING!

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

006 ~ 120

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

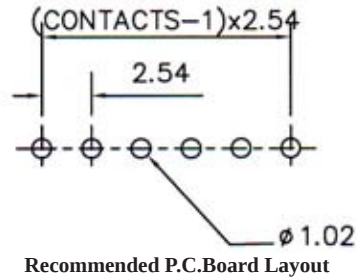
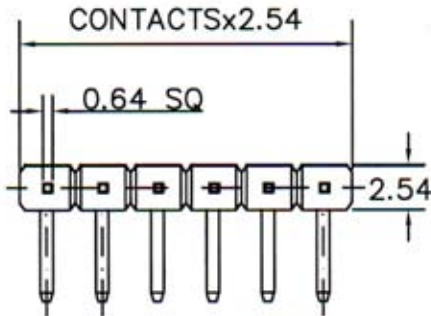
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

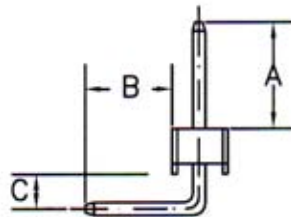
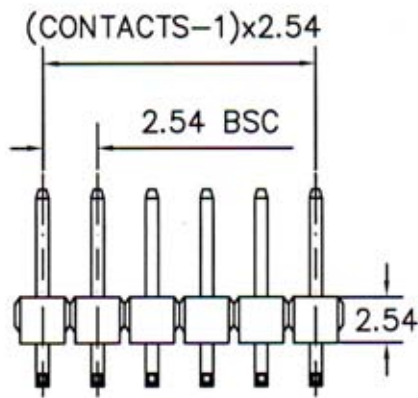
" " PBT

"6T" NYLON 6T

2.54MM(0.100") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=2.54MM



Recommended P.C.Board Layout



Dimension C=1.4mm

SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000M Ω Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20m Ω Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.

Terminal Code	Dimensions(mm)	
	A	B
RD	3.5	3.3
RE	4.8	3.3
RF	6.1	3.3
RG	6.9	3.3
RH	9.9	3.3
RJ	12.0	3.3
RK	13.8	3.3
RL	15.0	3.3
RM	17.1	3.3
AQ	4.9	3.5
AR	3.0	6.0
RZ	5.8	3.0
RA	6.0	3.6
EL	5.7	2.5
RU	4.0	2.8

ORDERING INFORMATION:

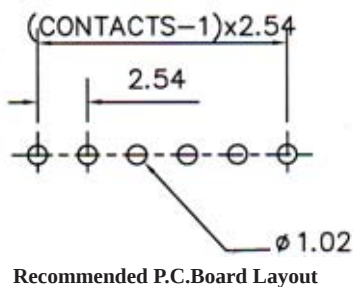
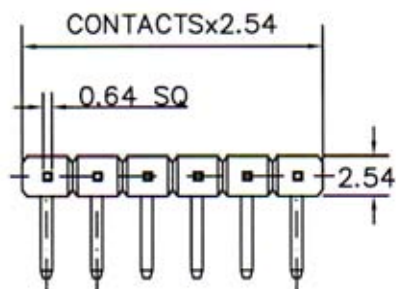
P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / $\frac{xx}{4}$

1. TERMINAL CODE:
RD, RE, RF, RG, RH, RJ, RK, RL,
RM, AQ, AR, RZ, RA, EL, RU
2. NO. OF CONTACTS:
001 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM(0.100") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=2.54MM

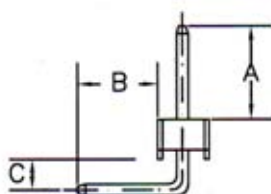
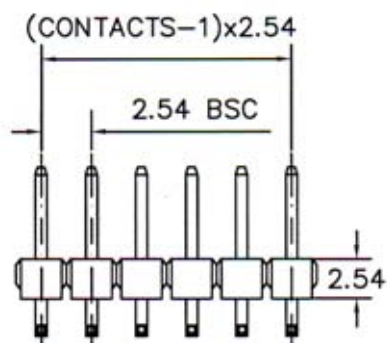


SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000M Ω Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20m Ω Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.



ORDERING INFORMATION:

CODE: 2 5 4 $\frac{1}{1}$ D $\frac{1}{2}$ - $\frac{A}{B/C}$ - $\frac{x}{3} \frac{x}{4} \frac{x}{5}$ B / $\frac{x}{5}$

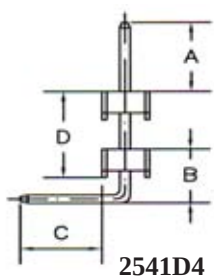
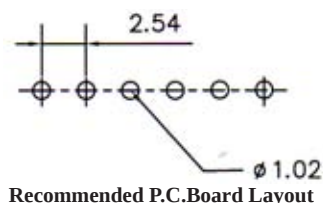
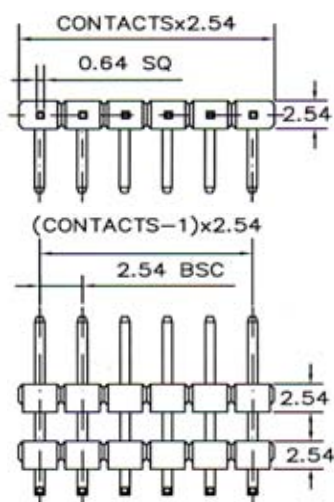
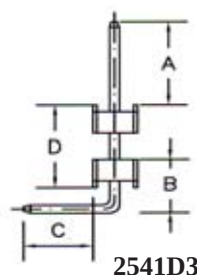
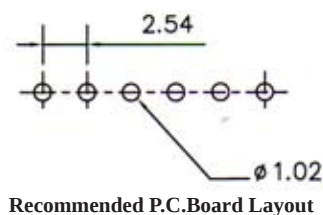
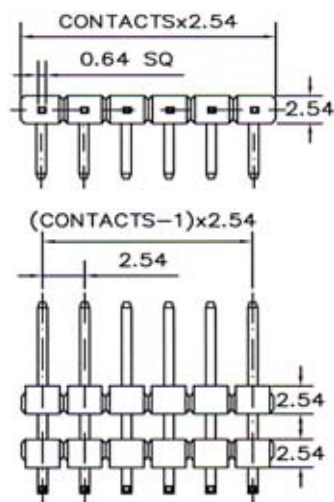
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{x}{YY} \frac{x}{MM} \frac{x}{DD} x$ - $\frac{x}{3} \frac{x}{4} \frac{x}{5}$ B

1. EXTERIOR CODE:
1D1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
002 ~ 040
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 5 4 $\frac{1}{1} \frac{D}{x} - \frac{A/B/C/D}{2} - \frac{x}{3} \frac{x}{4} \frac{x}{4} \frac{B}{x} / \frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{x}{YY} \frac{x}{MM} \frac{x}{DD} x - \frac{x}{3} \frac{x}{4} \frac{B}{x}$

1. EXTERIOR CODE:

"1D3" SEE DRAWING!

"1D4" SEE DRAWING!

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

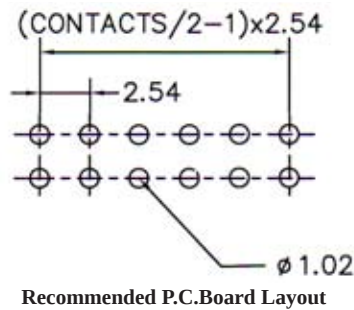
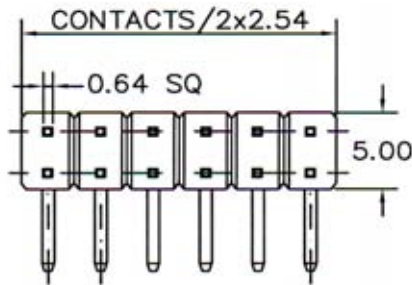
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=2.54MM

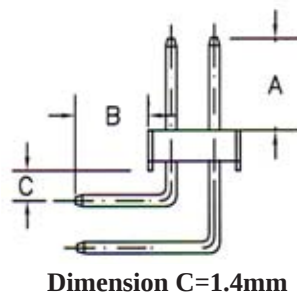
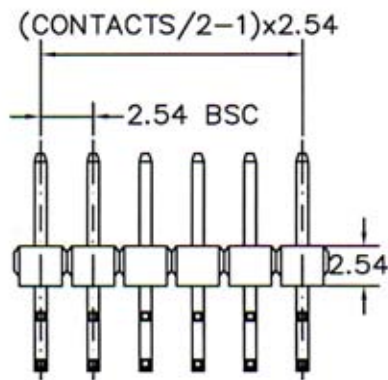


SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.



Terminal Code	Dimensions(mm)	
	A	B
RN	3.5	3.3
RP	4.8	3.3
RQ	6.1	3.3
RR	6.9	3.3
RS	9.9	3.3
RT	12.0	3.3
LN	13.8	3.3
LR	15.0	3.3
LT	17.1	3.3
MK	4.9	3.5
ML	3.0	6.0
MX	5.8	3.0
RC	6.0	3.6
RV	5.7	2.5
MY	4.0	2.8

ORDERING INFORMATION:

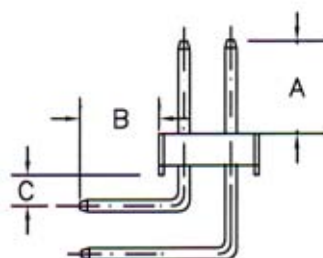
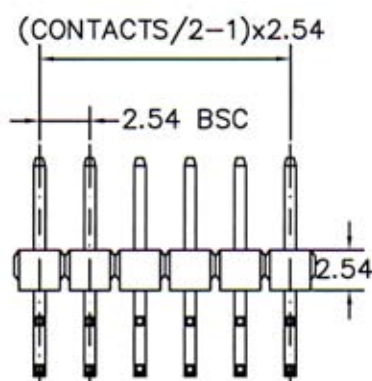
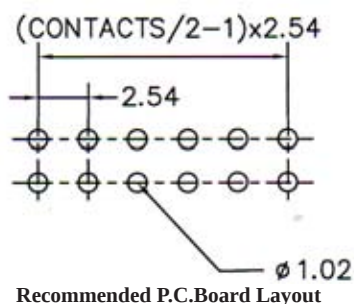
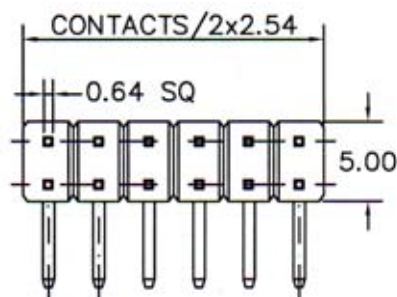
P/N 2 5 4 $\frac{xx}{1} - \frac{xxx}{2} \frac{x}{3} B / \frac{xx}{4}$

1. TERMINAL CODE:
RN, RP, RQ, RR, RS, RT, LN, LR, LT, MK, ML, MX, RC, RV, MY
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM(0.100") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 0 2 D 1 - A/B/C - x x x x B / x x
 1 2 3 4 5

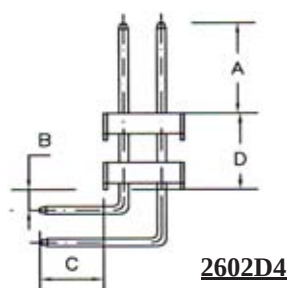
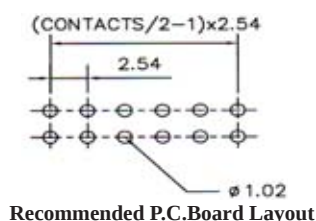
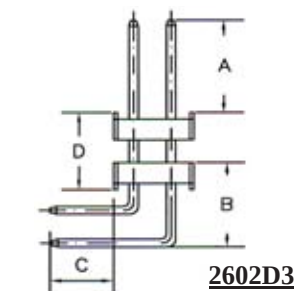
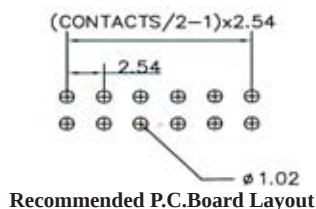
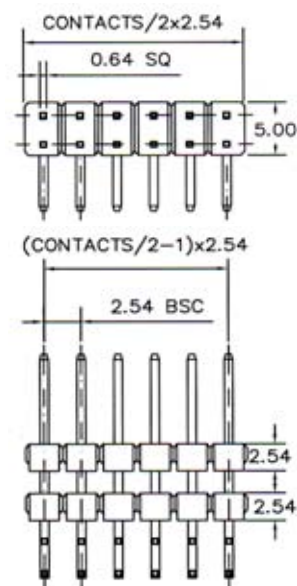
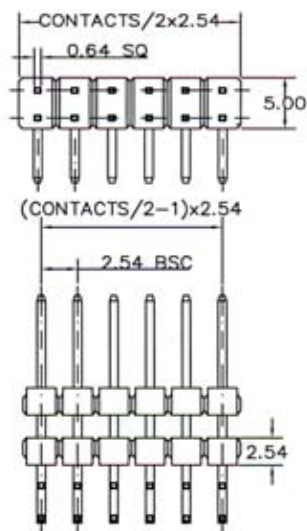
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

1. EXTERIOR CODE:
2D1
2. DIMENSION A/B/C (UNITE: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: $\frac{260}{1} \frac{2D}{2} \frac{x}{3} - \frac{A/B/C/D}{4} - \frac{xxxx}{5} \frac{B}{x} \frac{x}{x}$

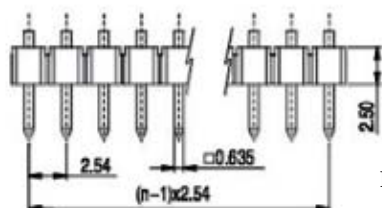
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N $\frac{P}{YY} \frac{xxxx}{MM} \frac{xx}{DD} x - \frac{xxxx}{3} \frac{B}{4}$

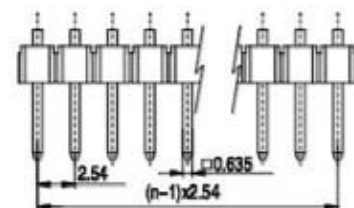
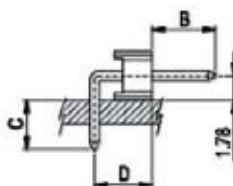
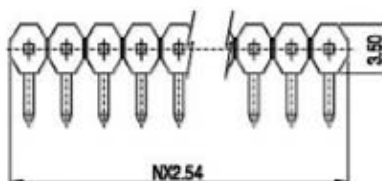
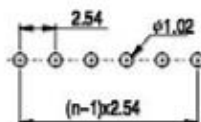
1. EXTERIOR CODE:
 "2D3" SEE DRAWING!
 "2D4" SEE DRAWING!
2. DIMENSION A/B/C/D (UNITE: mm)
3. NO. OF CONTACTS:
 004 ~ 080
4. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

5. INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T

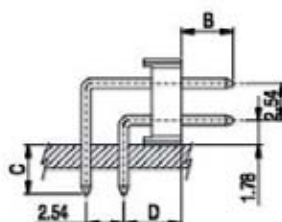
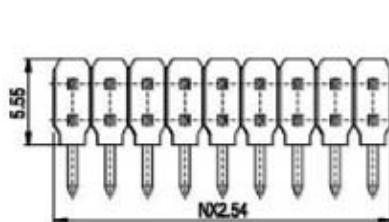
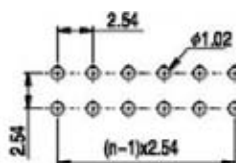
2.54MM (0.100") PIN HEADER RIGHT ANGLE DIP TYPE ROFILE=2.50MM



Recommended P.C.Board Layout



Recommended P.C.Board Layout



Cap option	Cap Length
PN ≤ 6	L=6.0mm
PN > 6	L=10.0mm

SINGLE ROW	DOUBLE ROW	B	C	D
C39	C48	3.5	3.3	3.9
C40	C49	4.8	3.3	3.9
C41	C50	6.1	3.3	3.9
C42	C51	6.9	3.3	3.9
C43	C52	9.9	3.3	3.9
C44	C53	12.0	3.3	3.9
C45	C54	13.8	3.3	3.9
C46	C55	15.0	3.3	3.9
C47	C56	17.1	3.3	3.9

ORDERING INFORMATION:

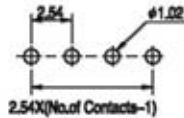
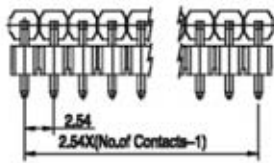
P/N 2 5 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / 6 $\frac{T}{4}$

- CONTACT TYPE:
C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56
- NO. OF CONTACTS:
002 ~ 040 FOR SINGLE ROW
004 ~ 080 FOR DOUBLE ROW
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

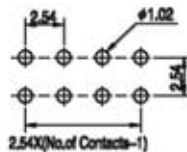
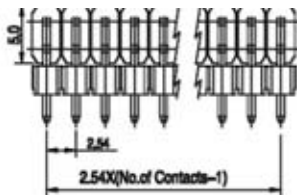
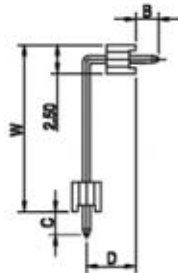
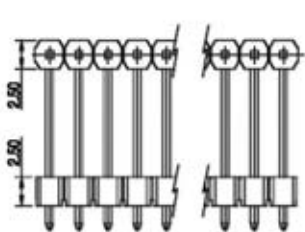
- INSULATOR MATERIAL:
"6T" NYLON 6T

NOTE: INSULATOR WIDTH 3.50MM (SINGLE ROW) & 5.55MM (DOUBLE ROW)!

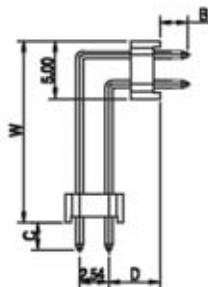
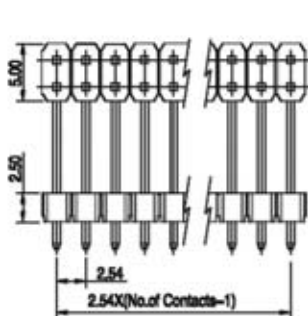
2.54MM (0.100") PIN HEADER RIGHT ANGLE DIP TYPE ROFILE=2.50MM



Recommended P.C.Board Layout



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 A

Insulator Resistance: 5000MΩ Min.

Dielectric Strength: 500V AC Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: High Temperature Thermoplastic,
UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

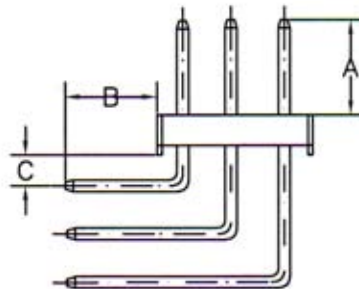
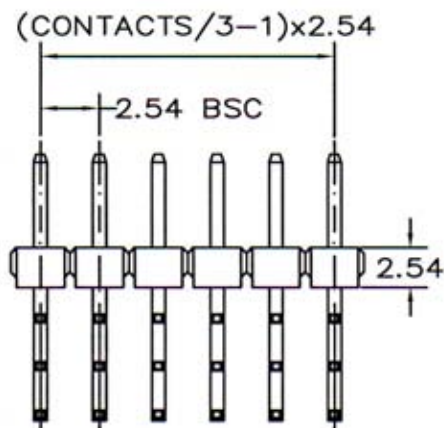
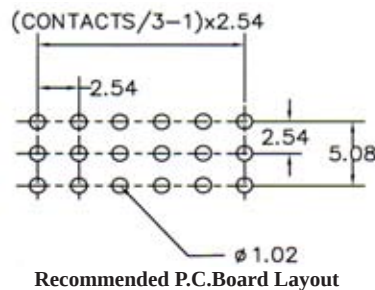
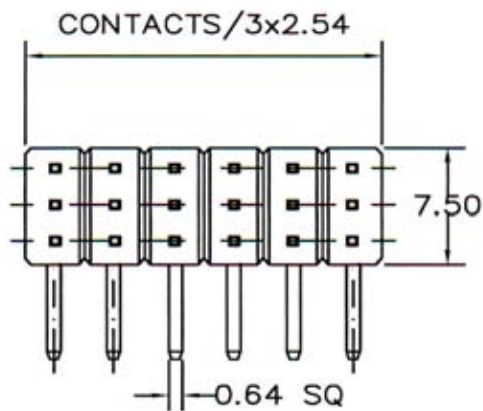
SINGLE ROW	DOUBLE ROW	B	C	D	W
A63	A65	4.60	3.30	3.90	13.50
A64	A66	4.80	3.30	3.90	16.80

ORDERING INFORMATION:

P/N 2 5 $\frac{1}{x x x}$ - $\frac{2}{x x x}$ $\frac{3}{x}$ B / $\frac{6}{T}$

- CONTACT TYPE:
A63, A64, A65, A66
- NO. OF CONTACTS:
002 ~ 050 FOR SINGLE ROW
004 ~ 100 FOR DOUBLE ROW
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
- INSULATOR MATERIAL:
"6T" NYLON 6T

2.54MM(0.100") PIN HEADER TRIPLE ROW RIGHT ANGLE TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T or Nylon-6T

All materials must be RoHS compliant.

Terminal Code	Dimensions(mm)		
	A	B	C
A1	3.5	3.3	1.4
A2	4.8	3.3	1.4
A3	6.1	3.3	1.4
A4	6.9	3.3	1.4
A5	9.9	3.3	1.4
A6	12.0	3.3	1.4
A7	13.8	3.3	1.4
A8	15.0	3.3	1.4
A9	17.1	3.3	1.4
B5	4.9	3.5	1.4
B6	3.0	6.0	1.4
B7	5.8	3.0	1.4
B8	6.0	3.6	1.4
B9	5.7	2.5	1.4
C5	4.0	2.8	1.4
RW	6.0	3.0	1.5
RX	10.0	2.8	1.5
RY	3.3	3.5	1.5

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1} - \frac{xxx}{2} \frac{x}{3} B / \frac{xx}{4}$

1. TERMINAL CODE:

A1, A2, A3, A4, A5, A6, A7, A8, A9,
B5, B6, B7, B8, B9, C5, RW, RX, RY

2. NO. OF CONTACTS:

009 ~ 120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

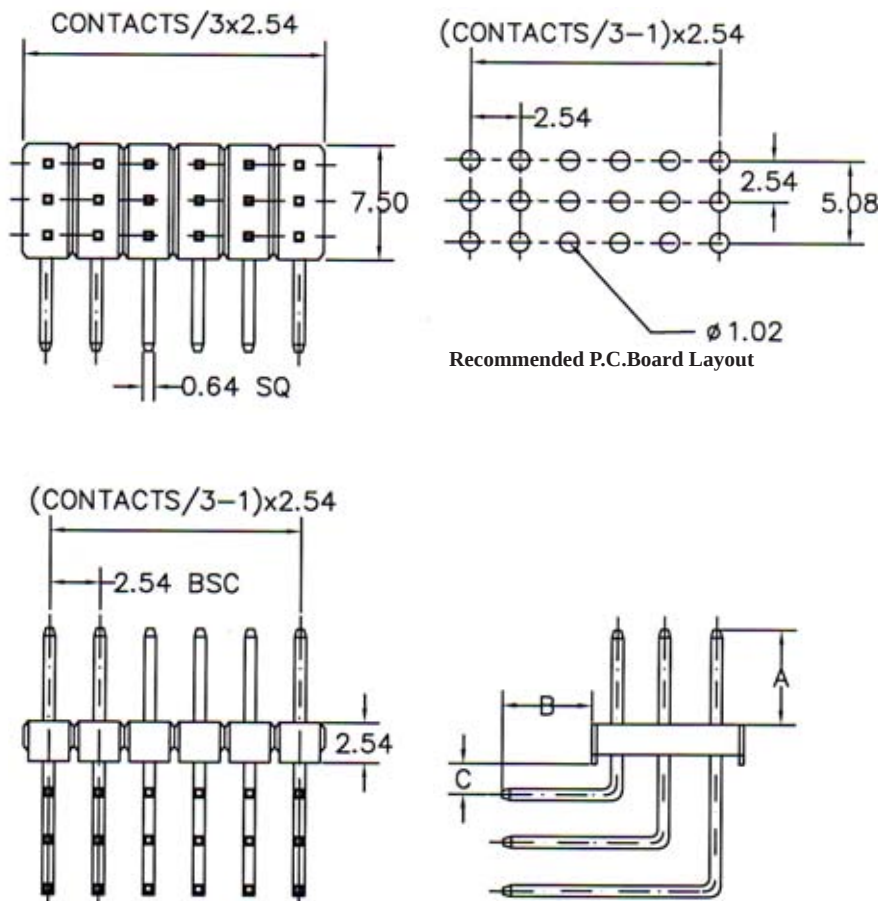
4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM(0.100") PIN HEADER TRIPLE ROW RIGHT ANGLE TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 3 3 D 1 - A/B/C - x x x x B / x x
 1 2 3 4 5

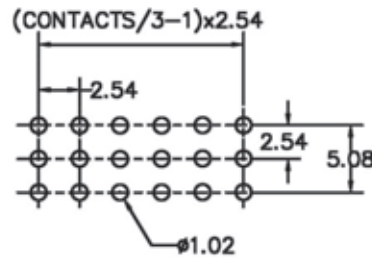
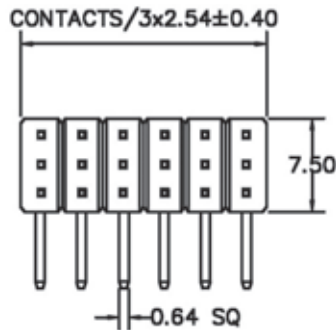
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

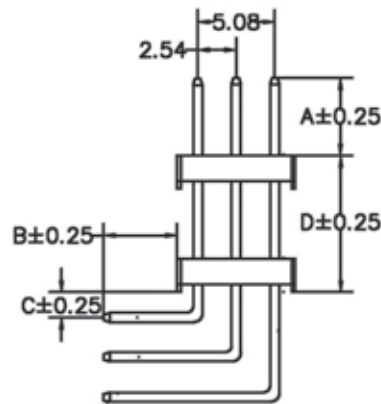
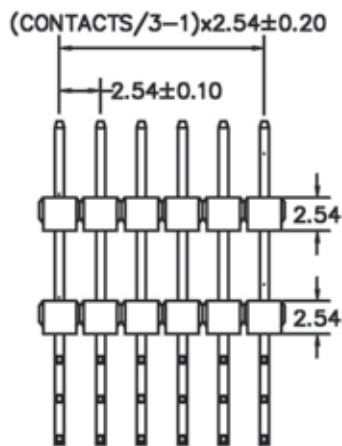
1. EXTERIOR CODE:
3D1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
009 ~ 120
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM (0.100") PIN HEADER TRIPLE ROW RIGHT ANGLE DIP TYPE PROFILE=2.54MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: PBT or NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 3 3 D 4 - A/B/C/D - x x x x B / x x
1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

3D4

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

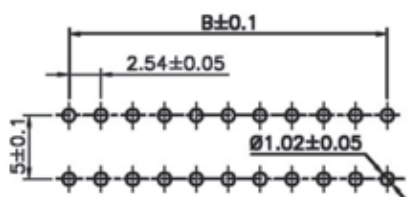
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

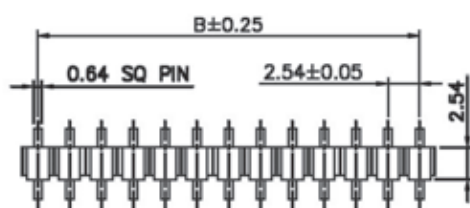
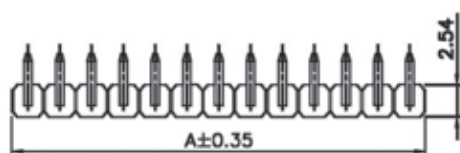
" " PBT

"6T" NYLON-6T

2.54MM(0.100") PIN HEADER SINGLE ROW "U" TYPE PROFILE=2.54MM

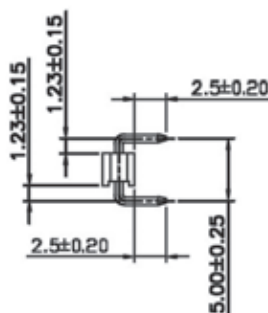


Recommended P.C.Board Layout



$$A = B + 2.54$$

$$B = 2.54 \times (\text{NO. OF CONTACTS} - 1)$$



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 250V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +85°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

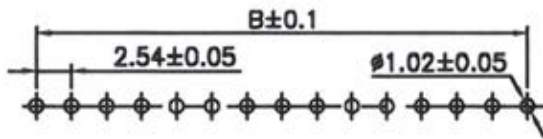
All materials must be RoHS compliant.

ORDERING INFORMATION:

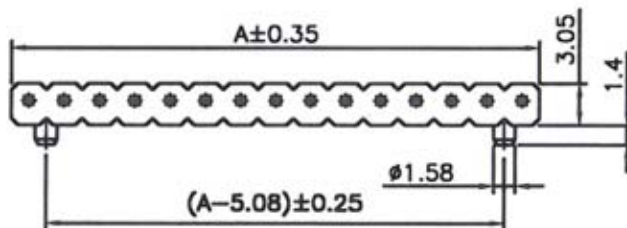
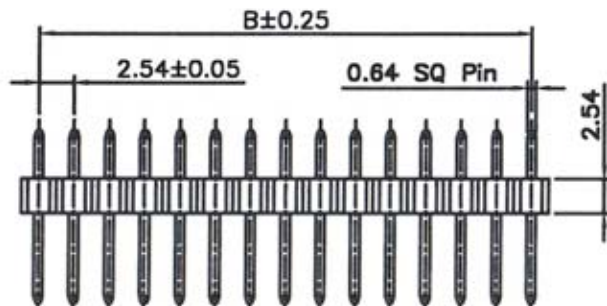
P/N 25 K81 - x x x x B
1 2 3

1. CONTACT TYPE:
"K81" U-SHAPED DIP TYPE
2. NO. OF CONTACTS:
001 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=2.54MM

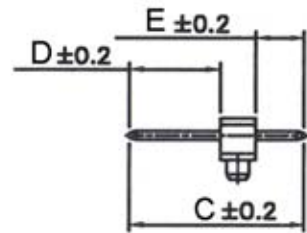


Recommended P.C.Board Layout



$$A = B + 2.54$$

$$B = 2.54 \times (\text{NO. OF CONTACTS} - 1)$$



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 250V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -25°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 0 1 S 9 - C/D/E - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

1S9

2. DIMENSION C/D/E (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

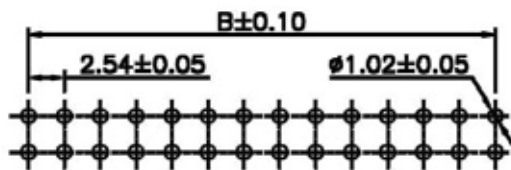
4. CONTACT FINISH:

"G" FULL GOLD PLATED

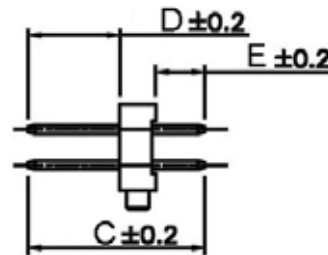
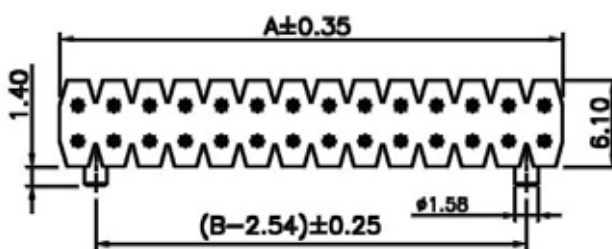
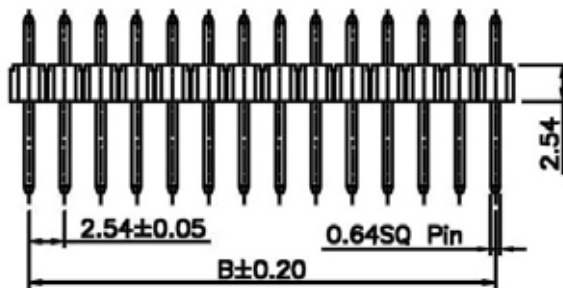
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=2.54MM



Recommended P.C.Board Layout



$$A = B + 2.54$$

$$B = 2.54 \times (\text{NO. OF CONTACTS/ROW} - 1)$$

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 250V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 0 2 S 9 - C/D/E - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

2S9

2. DIMENSION C/D/E (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

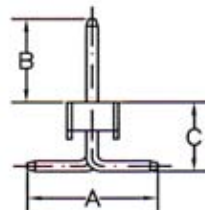
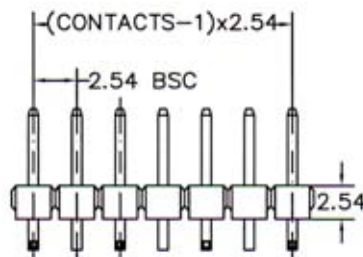
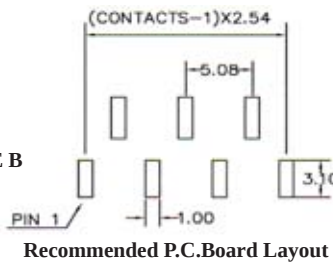
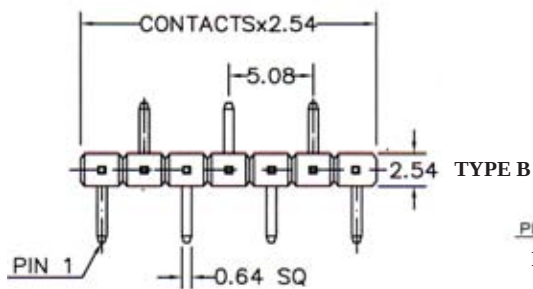
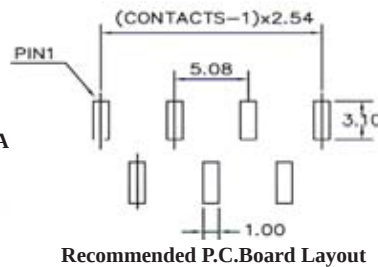
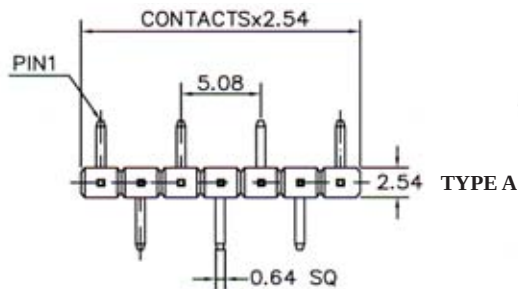
4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0) Nylon-6T
All materials must be RoHS compliant.

TYPE A	TYPE B	Dimensions(mm)		
		A	B	C
UA	YA	5.08	3.50	3.8
UB	YB	5.08	4.80	3.8
UC	YC	5.08	6.10	3.8
UD	YD	5.08	6.90	3.8
UE	YE	5.08	9.90	3.8
U5	U7	5.08	5.84	3.8
U6	U8	5.08	8.13	3.8
SY	XP	5.70	5.84	3.8
SZ	XQ	4.83	5.84	3.5

ORDERING INFORMATION:

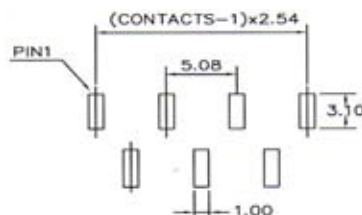
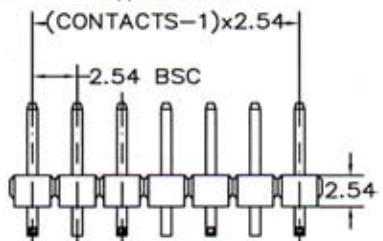
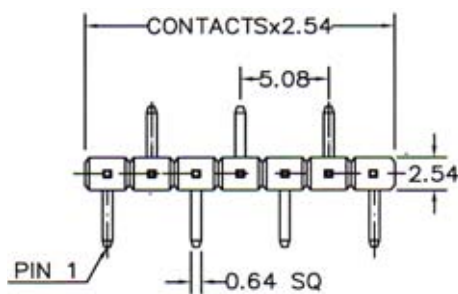
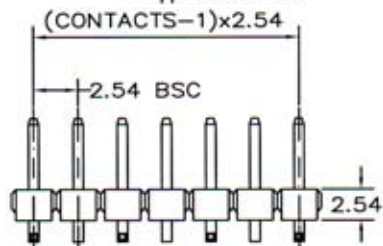
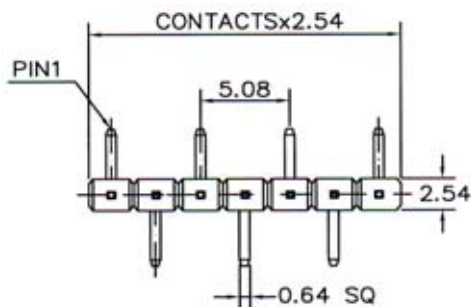
P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. TERMINAL CODE:
 TYPE A: UA, UB, UC, UD, UE, U5, U6, SY, SZ
 TYPE B: YA, YB, YC, YD, YE, U7, U8, XP, XQ
2. NO. OF CONTACTS:
 002 ~ 040
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

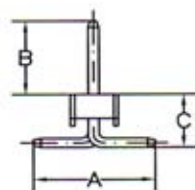
4. PAD & PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD
 NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

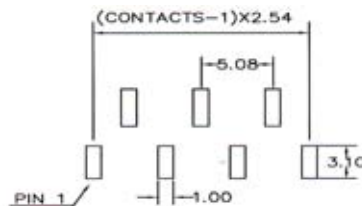
2.54MM(0.100") PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.54MM



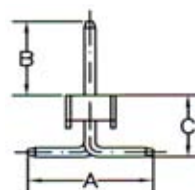
Recommended P.C.Board Layout



TYPE A



Recommended P.C.Board Layout



TYPE B

SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 5 4 1 M 1 - A/B/C - x x x x B - x x
 1 2 3 4 5 6

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

1. EXTERIOR CODE:

1M1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PCB LAYOUT TYPE:

"A" TYPE A

"B" TYPE B

6. PAD & PACKAGE OPTION:

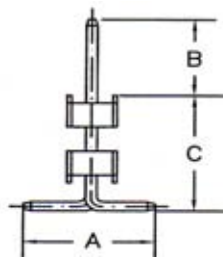
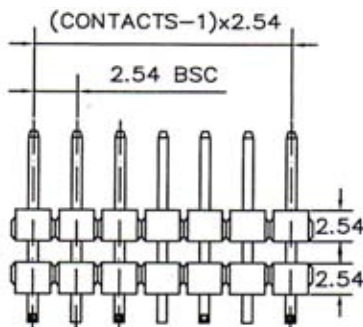
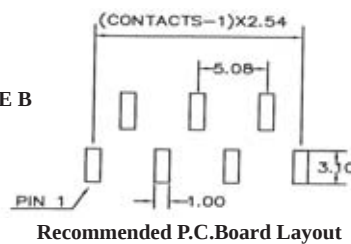
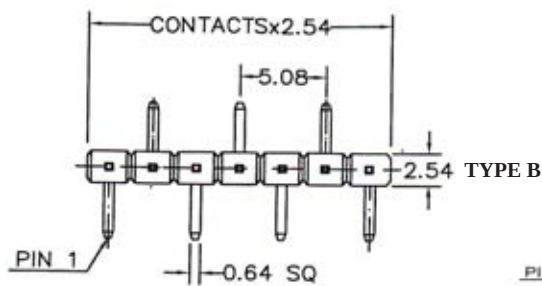
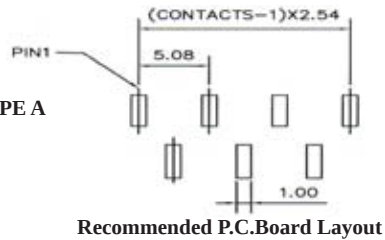
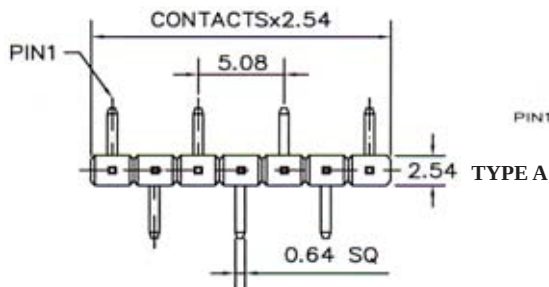
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T
All materials must be RoHS compliant.

TYPE A	TYPE B	Dimensions(mm)		
		A	B	C
B12	B24	5.8	3.5	7.2
B13	B25	5.8	4.8	7.2
B14	B26	5.8	6.1	6.7
B15	B27	5.8	6.9	8.9
N01	N04	5.08	5.7	6.3
N02	N05	5.08	5.7	7.1
N03	N06	5.08	5.7	10.1

ORDERING INFORMATION:

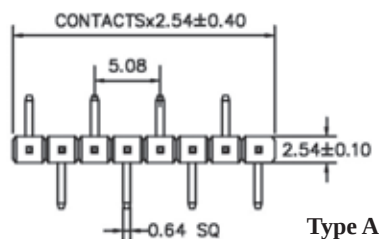
P/N 2 5 $\frac{B \times \times}{1} - \frac{\times \times \times}{2} \frac{B}{3} - \frac{\times}{4}$

1. TERMINAL CODE:
 TYPE A: B12, B13, B14, B15, N01, N02, N03
 TYPE B: B24, B25, B26, B27, N04, N05, N06
2. NO. OF CONTACTS:
 002 ~ 040
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

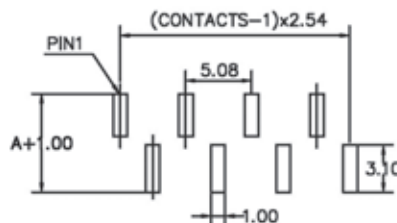
4. PAD & PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD
 NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

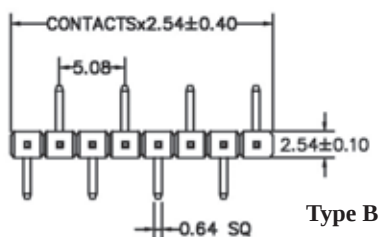
2.54MM (0.100") PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.54MM



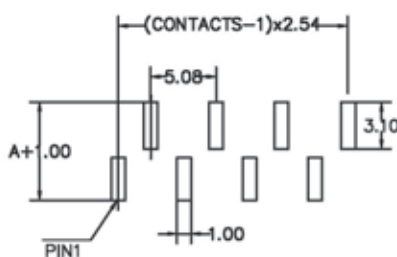
Type A



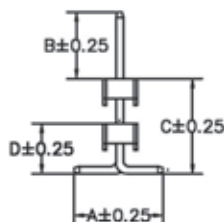
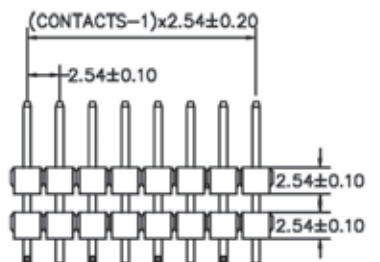
Recommended P.C.Board Layout



Type B



Recommended P.C.Board Layout



ORDERING INFORMATION:

CODE: 2 5 4 1 M 4 - A/B/C/D - x x x x B - x x
1 2 3 4 5 6

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:
1M4
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
002 ~ 040
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

5. PCB LAYOUT TYPE:
"A" TYPE A
"B" TYPE B
6. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

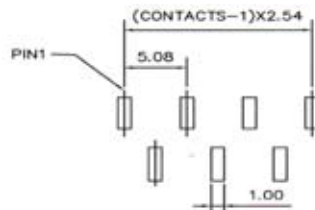
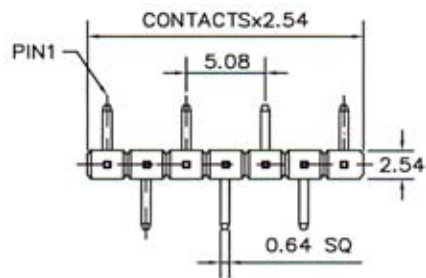
SPECIFICATIONS

Current Rating: 3A
Contact Resistance: 20mΩ Max.
Insulator Resistance: 1000MΩ Min.
Withstanding Voltage: 1000V AC/Min.
Operating Temperature: -55°C to +105°C

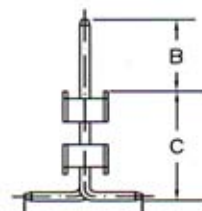
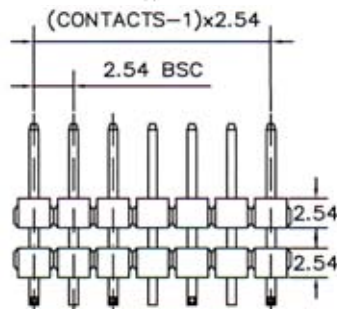
MATERIALS

Insulator: NY6T UL94V-0, Black
Contact: Copper Alloy
All materials must be RoHS compliant.

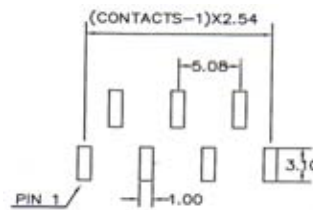
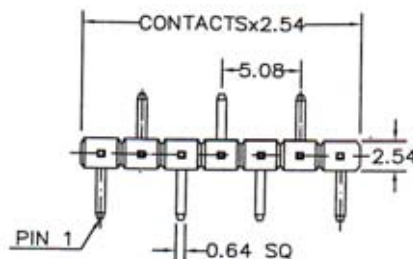
2.54MM(0.100") PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.54MM



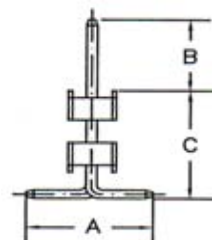
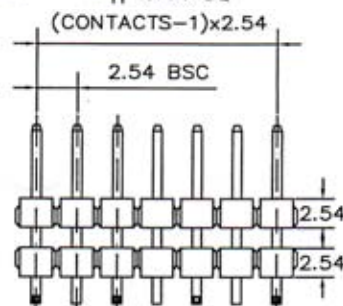
Recommended P.C.Board Layout



TYPE A



Recommended P.C.Board Layout



TYPE B

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 5 4 $\frac{1}{1}$ M 5 - $\frac{A/B/C}{2}$ - $\frac{x}{3} \frac{x}{4} \frac{x}{4}$ B - $\frac{x}{5} \frac{x}{6}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{x}{YY} \frac{x}{MM} \frac{x}{DD} x$ - $\frac{x}{3} \frac{x}{4} \frac{x}{4}$ B

1. EXTERIOR CODE:

1M5

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PCB LAYOUT TYPE:

"A" TYPE A

"B" TYPE B

6. PAD & PACKAGE OPTION:

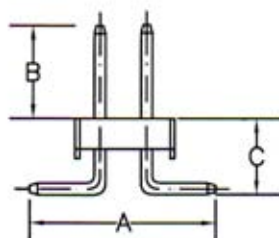
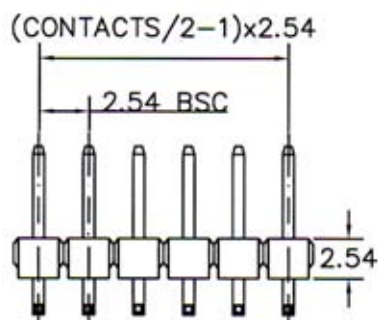
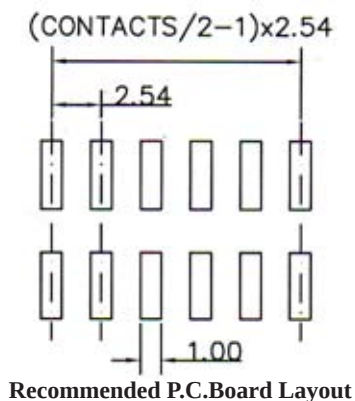
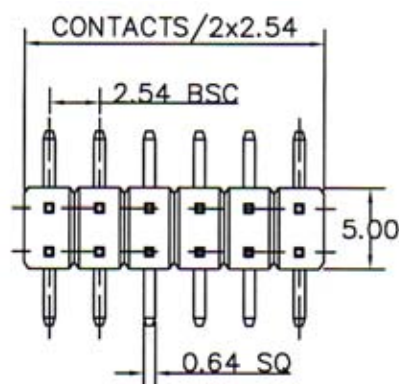
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -55°C to + 105°C

MATERIALS

Insulation Material: Nylon 6T, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. TERMINAL TYPE:

"SU" A/B/C= 7.5/4.0/3.8mm

"SV" A/B/C= 7.5/6.0/3.8mm

"SW" A/B/C= 7.5/8.0/3.8mm

"SX" A/B/C= 7.5/3.0/3.8mm

"MP" A/B/C= 7.2/5.8/3.8mm

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

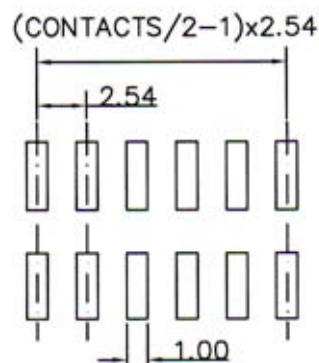
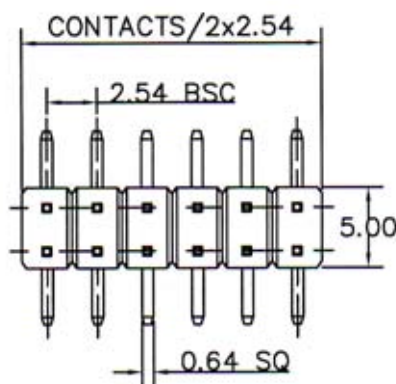
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TPAE & REEL

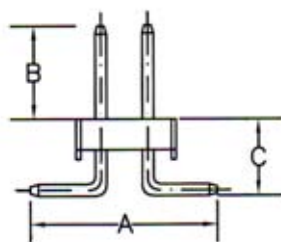
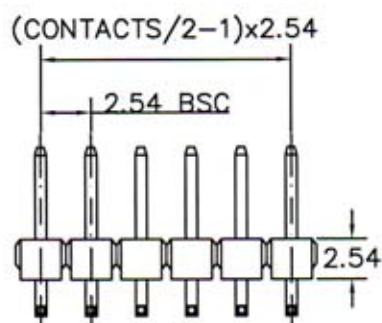
NOTE: PAD = PICK & PLACE PAD

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM(0.100") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.54MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 0 2 M 1 - A/B/C - x x x x B - x
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

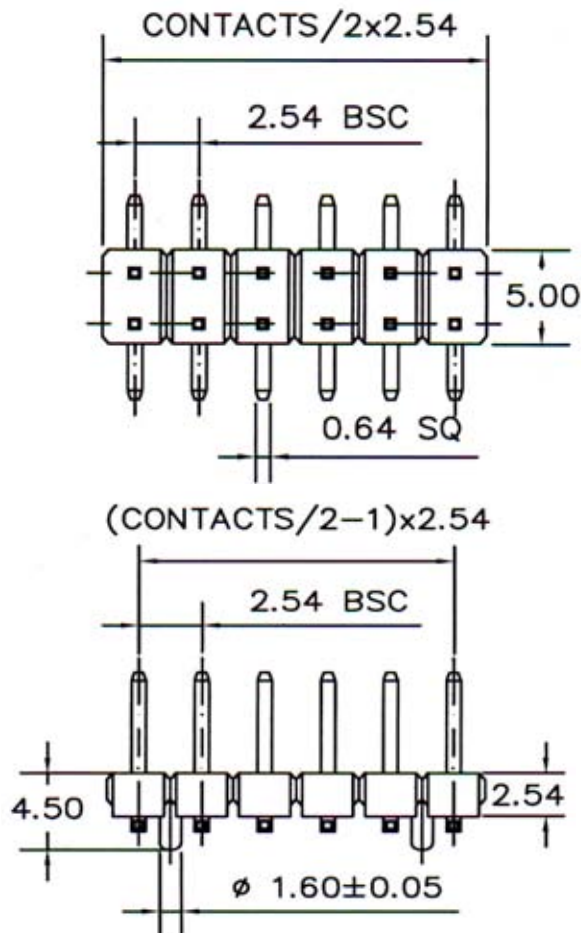
P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

1. EXTERIOR CODE:
2M1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

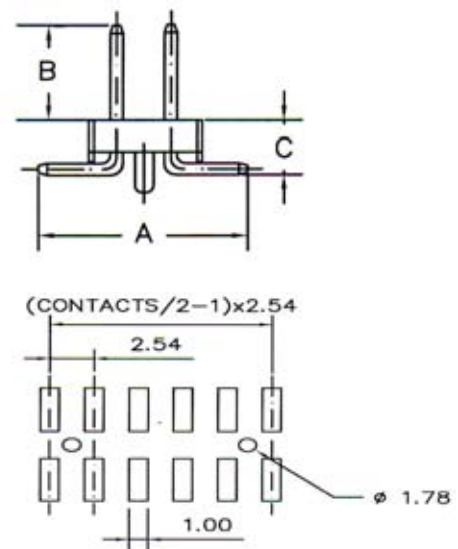
5. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TPAAE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.54MM



WITHOUT PEG	WITH PEG	Dimensions(mm)		
		A	B	C
UR	K1	7.00	3.50	3.8
US	K2	7.00	4.80	3.8
UT	K3	7.00	6.10	3.8
UU	K4	7.00	6.90	3.8
UV	K5	7.00	9.90	3.8
U1	U3	7.60	5.84	3.8
U2	U4	7.60	8.13	3.8



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. TERMINAL CODE:

W/O LOCATING PEG:

UR, US, UT, UU, UV, U1, U2

WITH LOCATING PEG:

K1, K2, K3, K4, K5, U3, U4

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

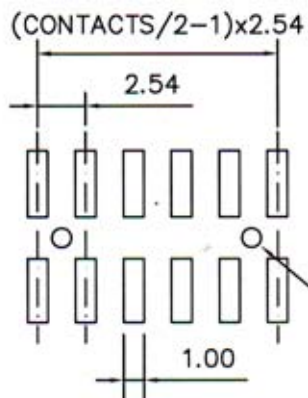
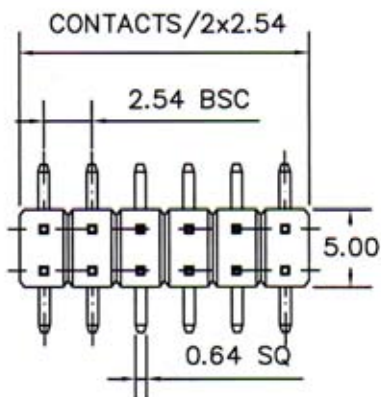
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

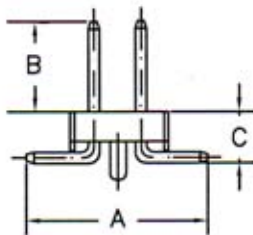
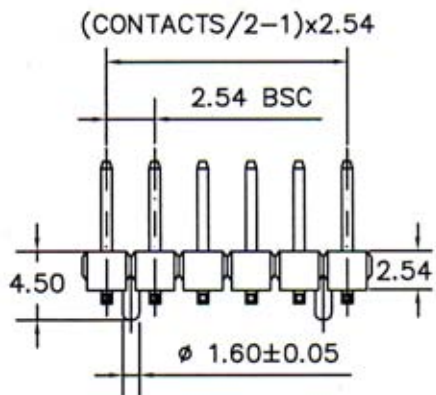
NOTE: PAD = PICK & PLACE PAD

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

2.54MM(0.100") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.54MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 260 $\frac{2M3}{1}$ - $\frac{A/B/C}{2}$ - $\frac{xxx}{3}$ $\frac{x}{4}$ B - $\frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

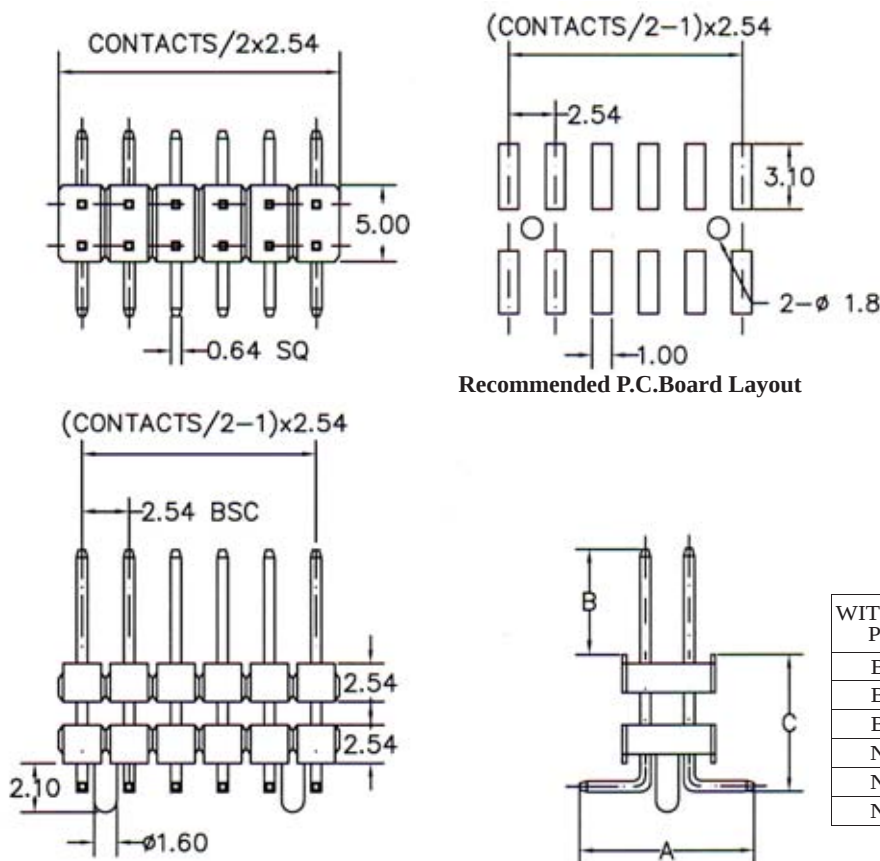
P/N P $\frac{XX}{YY} \frac{XX}{MM} \frac{XX}{DD} X - \frac{XXX}{3} \frac{X}{4}$ B

1. EXTERIOR CODE:
2M3
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -55°C to + 105°C

MATERIALS

Insulation Material: Nylon 6T, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

WITHOUT PEG	WITH PEG	Dimensions(mm)		
		A	B	C
B36	B45	7.50	3.50	8.77
B37	B46	7.50	4.80	8.27
B38	B47	7.50	6.50	11.07
N07	N10	7.50	5.70	6.30
N08	N11	7.50	5.70	7.10
N09	N12	7.50	5.70	7.10

ORDERING INFORMATION:

P/N 2 5 $\frac{B}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4} B - \frac{x}{4}$

1. TERMINAL CODE:

W/O LOCATING PEG:

B36, B37, B38, N07, N08, N09

WITH LOCATING PEG:

B45, B46, B47, N10, N11, N12

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

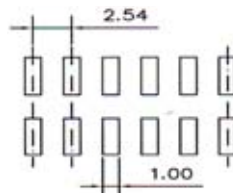
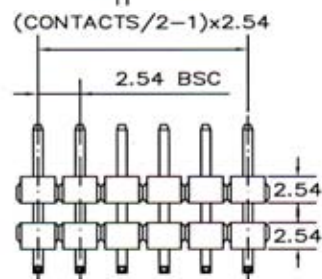
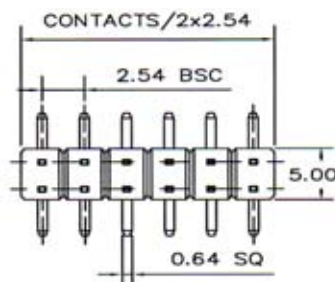
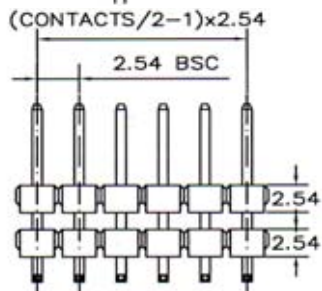
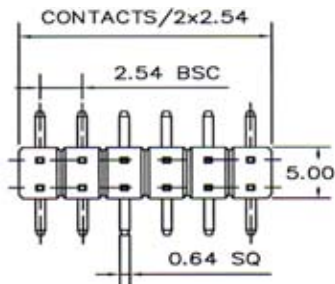
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

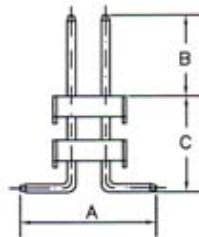
NOTE: PAD = PICK & PLACE PAD

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

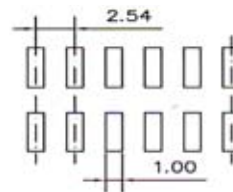
2.54MM(0.100") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.54MM



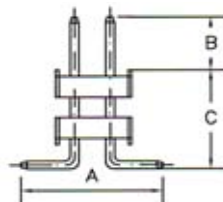
Recommended P.C.Board Layout



2602M4



Recommended P.C.Board Layout



2602M5

SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 0 $\frac{2}{1} \frac{M}{x} - \frac{A/B/C}{2} - \frac{x}{3} \frac{x}{4} \frac{x}{4} B - \frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N $\frac{P}{YY} \frac{x}{MM} \frac{x}{DD} \frac{x}{x} \frac{x}{x} \frac{x}{x} \frac{x}{x} - \frac{x}{3} \frac{x}{4} \frac{x}{4} B$

1. EXTERIOR CODE:

"2M4" SEE DRAWING!

"2M5" SEE DRAWING!

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

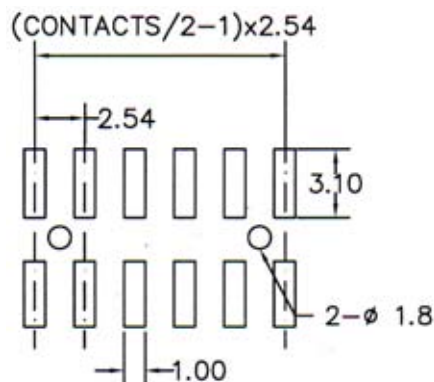
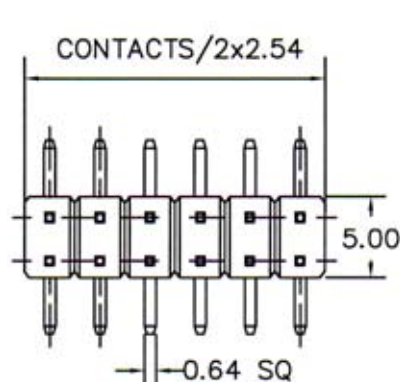
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

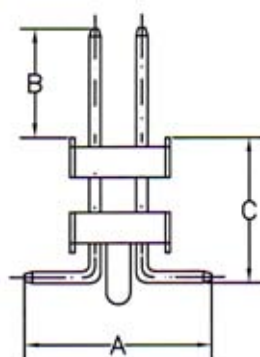
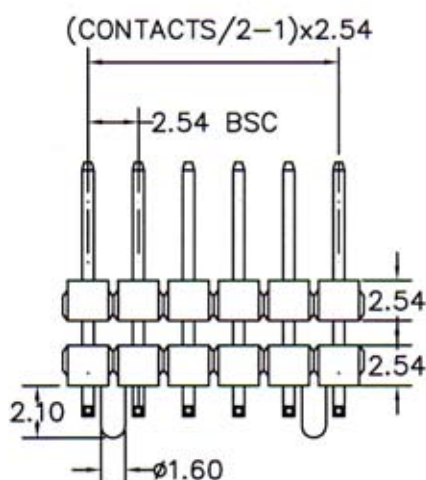
"Q" WITH PAD IN TPAE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.54MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 0 $\frac{2}{1}$ M $\frac{7}{2}$ - A/B/C - $\frac{x}{3}$ x x x $\frac{x}{4}$ B - $\frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

$$\mathbf{P/N} \quad \mathbf{P} \frac{\mathbf{x\ x\ x\ x\ x\ x}}{\mathbf{y\ y\ m\ m\ d\ d}} - \frac{\mathbf{x\ x\ x\ x}}{3} \frac{\mathbf{x}}{4} \mathbf{B}$$

1. EXTERIOR CODE:
"2M7" WITH LOCATING PEG
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 ~ 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TPAE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") PIN HEADER SINGLE ROW RIGHT ANGLE SMT TYPE

TYPE A W/O PEG	TYPE A WITH PEG	TYPE B W/O PEG	TYPE B WITH PEG	DIM. B UNIT:MM
G01	G05	G25	G29	3.05
G02	G06	G26	G30	5.84
G03	G07	G27	G31	8.13
G04	G08	G28	G32	10.67
G09	G10	G33	G34	7.50

SPECIFICATIONS

Current Rating: 3Amp

Insulation Resistance: 5000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

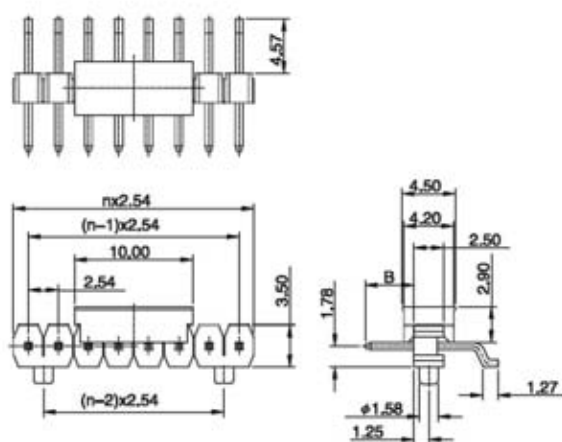
Insulator: High Temperature

Thermoplastic UL94V-0

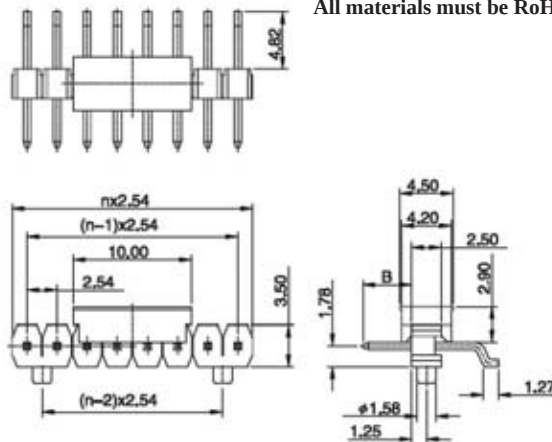
Contact: Copper Alloy

Plating: Au or Sn Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout
A Type



Recommended P.C.Board Layout
B Type

ORDERING INFORMATION:

P/N 25 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. CONNECTOR TYPE:

G01, G02, G03, G04, G05, G06, G07,
G08, G09, G10, G25, G26, G27, G28,
G29, G30, G31, G32, G33, G34

2. NO. OF CONTACTS:

002 ~ 030

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

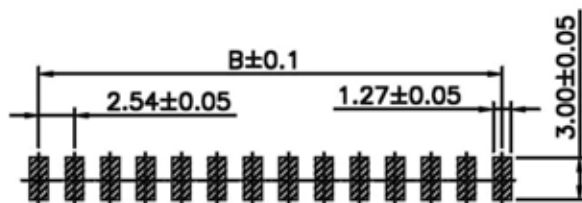
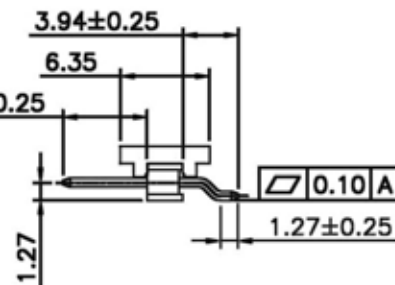
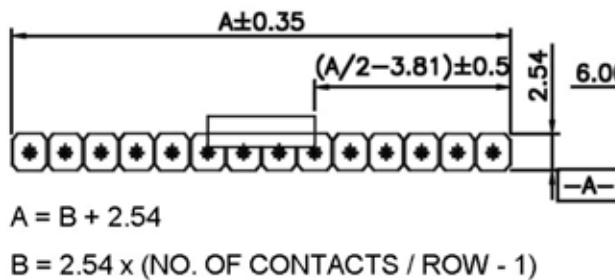
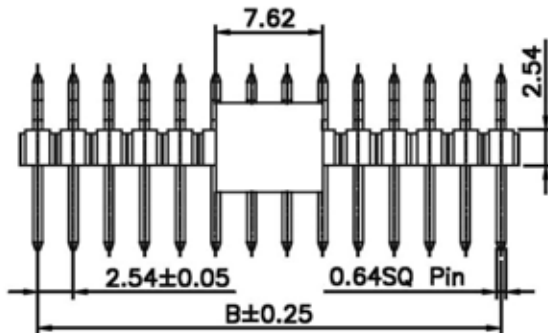
"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") PIN HEADER SINGLE ROW RIGHT ANGLE SMT TYPE ROFILE=2.54MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A
Voltage Rating: 250V AC/DC
Contact Resistance: 20mΩ Max.
Insulator Resistance: 1000MΩ Min.
Withstanding Voltage: 500V AC/Min.
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black
Contact: Brass
All materials must be RoHS compliant.

ORDERING INFORMATION:

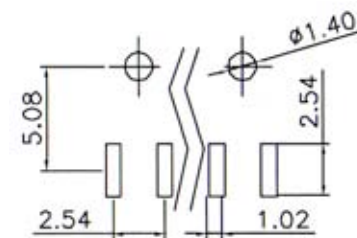
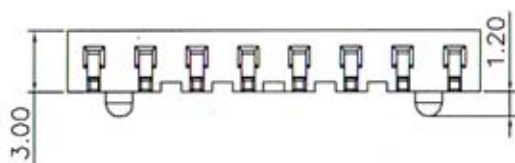
P/N 25 G 97 - x x x x B - x
1 2 3 4

- CONTACT TYPE:
"G97" RIGHT ANGLE SMT TYPE
- NO. OF CONTACTS:
002 ~ 040
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

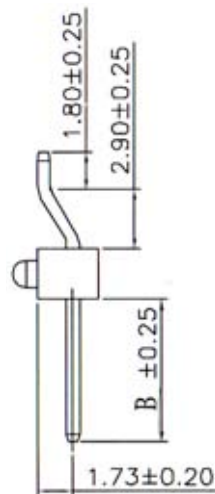
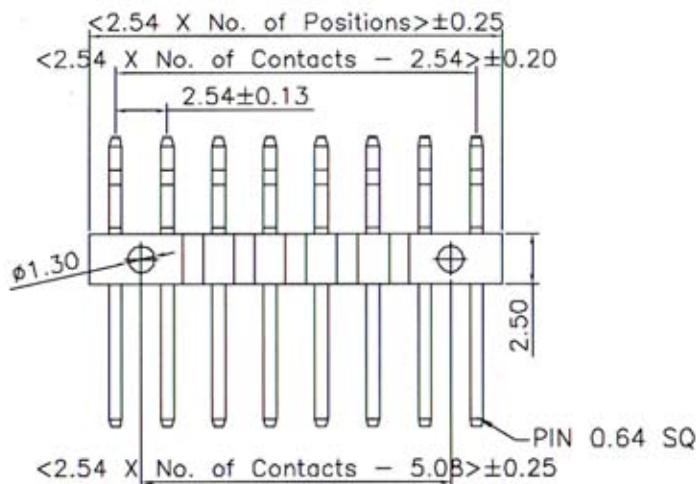
- PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: MATES WITH FEMALE HEADER
P/N 25F28-xxxxB-x

2.54MM(0.100") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.54MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon 6T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. PIN LENGTH:

"SK" B= 6.0mm

"SS" B= 7.0mm

2. NO. OF CONTACTS:

003 ~ 030

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

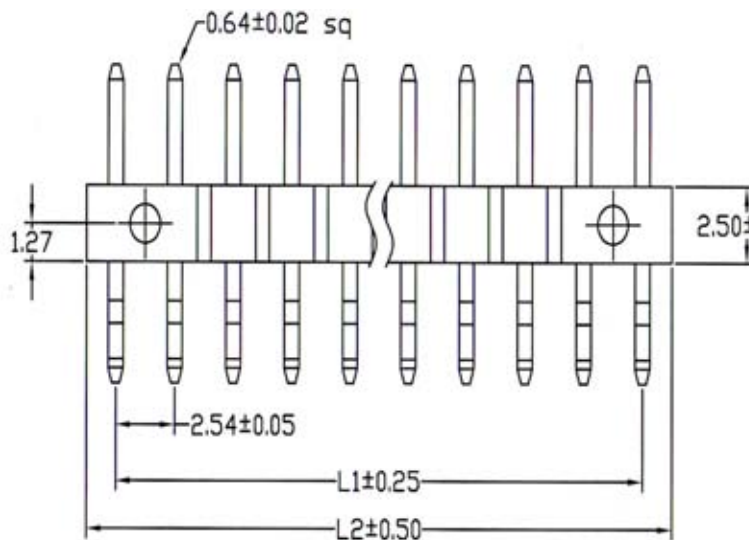
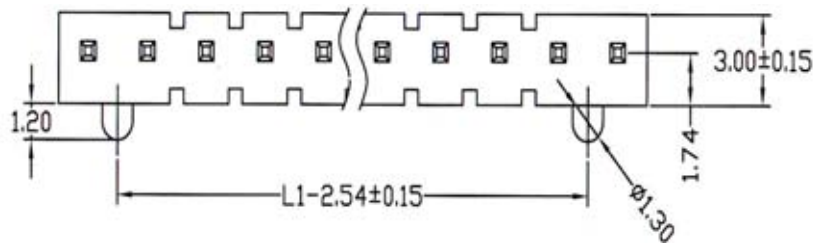
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TPAE & REEL

"R" W/O PAD IN TPAE & REEL

NOTE: PAD = PICK & PLACE PAD

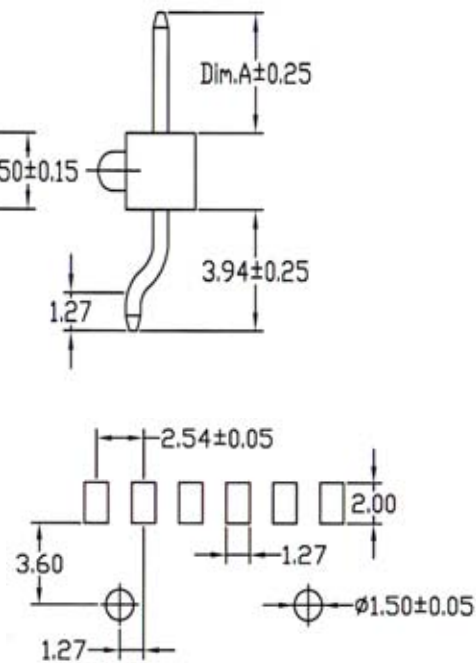
2.54MM(0.100") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.54MM



DIMENSIONS:

L1 = 2.54 x (No. of Contacts/Row-1)

L2 = 2.54 x No. of Contacts/Row



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 4 $\frac{1}{1}$ J 4 - $\frac{A}{2}$ - $\frac{xxx}{3}$ $\frac{x}{4}$ B - $\frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{xx}{YY}$ $\frac{xx}{MM}$ $\frac{xx}{DD}$ x - $\frac{xxx}{3}$ $\frac{x}{4}$ B

1. EXTERIOR CODE:

1J4

2. DIMENSION A (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") PIN HEADER RIGHT ANGLE SMT TYPE

SINGLE ROW W/O PEG	SINGLE ROW WITH PEG	DOUBLE ROW W/O PEG	DOUBLE ROW WITH PEG	DIM. B UNIT:MM
VK	H1	VA	E6	3.05
VL	H2	VB	E7	5.84
VN	H3	VC	E8	8.13
L7	H4	D8	E9	10.67

SPECIFICATIONS

Current Rating: 3Amp

Insulation Resistance: 5000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: High Temperature

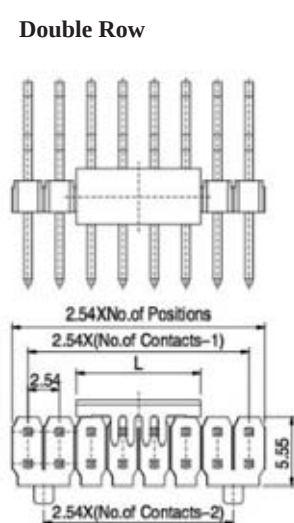
Thermoplastic UL94V-0

Contact: Copper Alloy

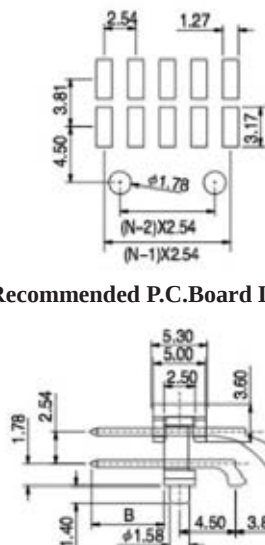
Plating: Au or Sn Over Nickel

All materials must be RoHS compliant.

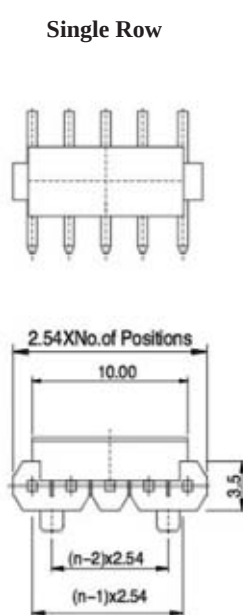
Double Row



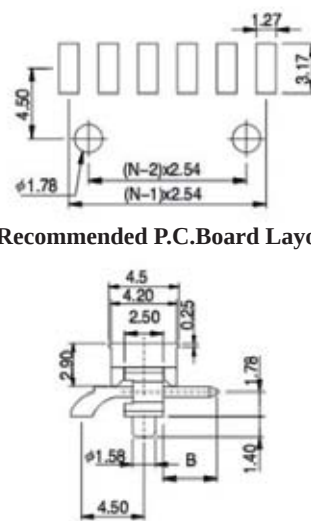
Recommended P.C.Board Layout



Single Row



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}x - \frac{x}{2}x \frac{x}{3} B - \frac{x}{4}$

1. CONNECTOR TYPE:

VK, VL, VN, L7, H1, H2, H3, H4,
VA, VB, VC, D8, E6, E7, E8, E9

2. NO. OF CONTACTS:

002 ~ 030 FOR SINGLE ROW
004 ~ 040 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. PACKAGE TYPE:

"T" WITHOUT PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") PIN HEADER DOUBLE ROW RIGHT ANGLE SMT TYPE

SPECIFICATIONS

Current Rating: 3Amp

Insulation Resistance: 5000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

TYPE M W/O PEG	TYPE M WITH PEG	TYPE D W/O PEG	TYPE D WITH PEG	DIM. B UNIT:MM
G73	G77	G57	G61	3.05
G41	G78	G58	G62	5.84
G75	G79	G59	G63	8.13
G76	G80	G60	G64	10.67

MATERIAL

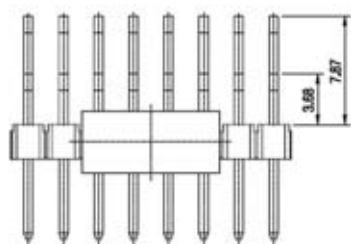
Insulator: High Temperature

Thermoplastic UL94V-0

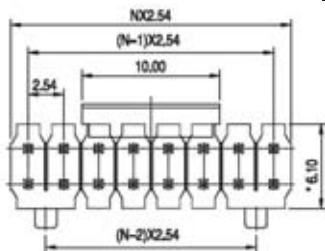
Contact: Copper Alloy

Plating: Au or Sn Over Nickel

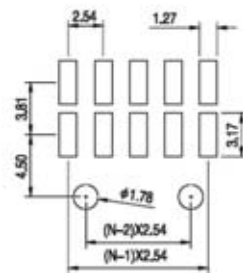
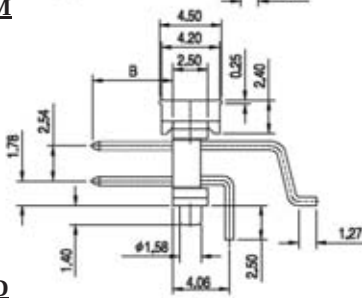
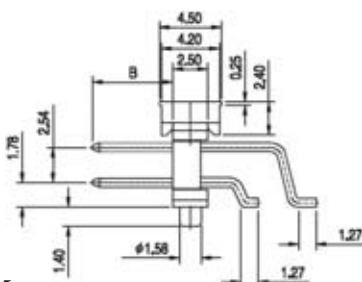
All materials must be RoHS compliant.



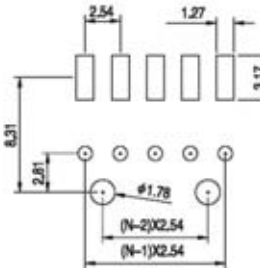
TYPE M



TYPE D



**Recommended P.C.Board Layout
Type M**



**Recommended P.C.Board Layout
Type D**

ORDERING INFORMATION:

P/N 25 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. CONNECTOR TYPE:

G73, G74, G75, G76, G77, G78, G79, G80,
G57, G58, G59, G60, G61, G62, G63, G64

2. NO. OF CONTACTS:

004 ~ 070

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

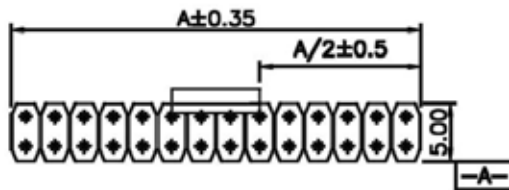
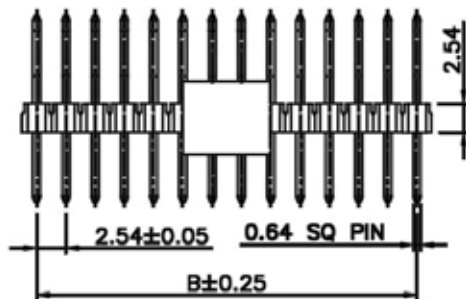
"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

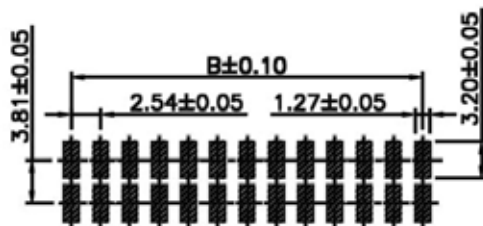
NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") PIN HEADER DOUBLE ROW RIGHT ANGLE SMT TYPE ROFILE=2.54MM



$$A = B + 2.54$$

$$B = 2.54 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$



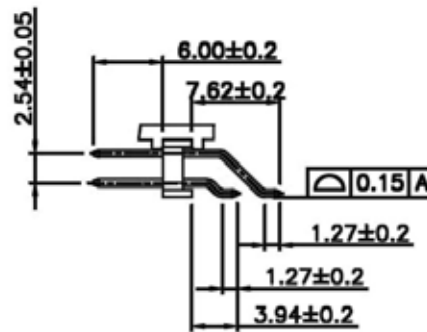
Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A
Voltage Rating: 250V AC/DC
Contact Resistance: 20mΩ Max.
Insulator Resistance: 1000MΩ Min.
Withstanding Voltage: 500V AC/Min.
Operating Temperature: -25°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black
Contact: Brass
All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 25 G 98 - x x x x B - x
1 2 3 4

- CONTACT TYPE:
"G98" RIGHT ANGLE SMT TYPE
- NO. OF CONTACTS:
004 ~ 080
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

- PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: MATES WITH FEMALE HEADER
P/N 25F29-xxxxB-x

2.54MM(0.100") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

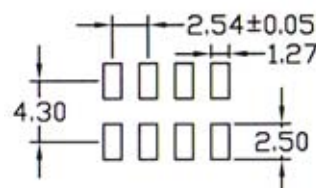
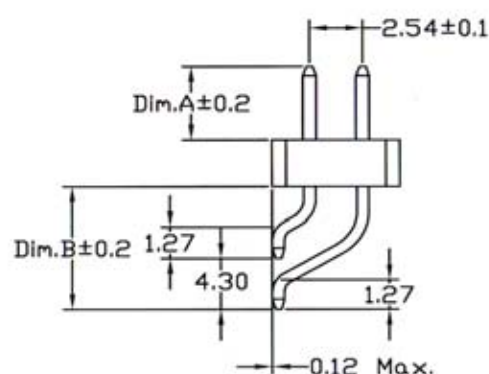
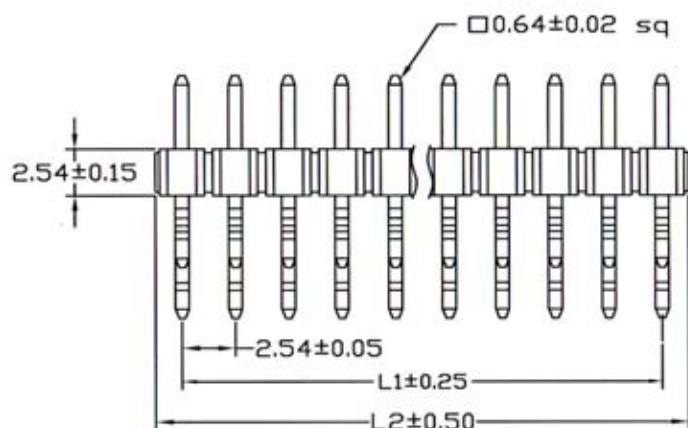
MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
LCP

All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

L1 = 2.54 x (No. of Contacts/Row-1)

L2 = 2.54 x No. of Contacts/Row

ORDERING INFORMATION:

CODE: 2 6 5 2 J1 - A/B - xxx x B - x
1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P xx xx xx xx xx - xxx x B
YY MM DD 3 4

1. EXTERIOR CODE:

2J1

2. DIMENSION A/B (UNIT: mm)

3. NO. OF CONTACTS:

008 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

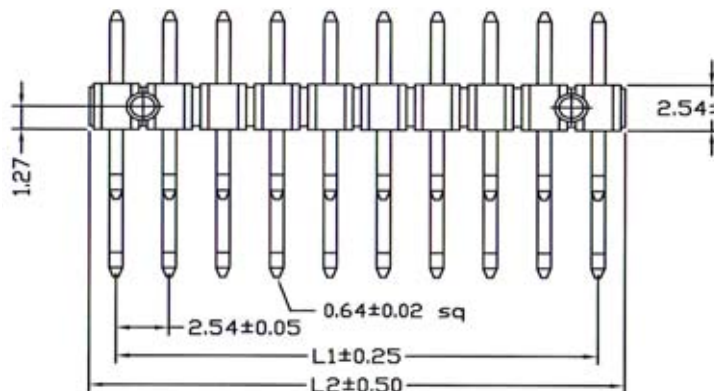
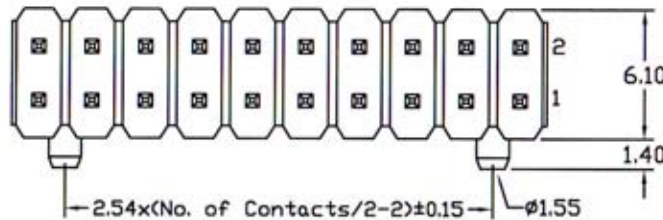
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

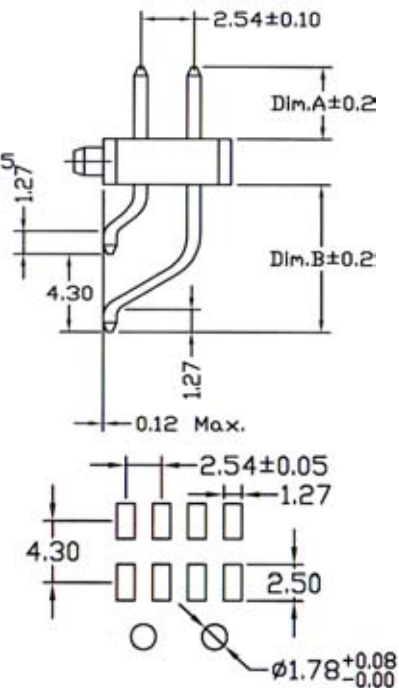
NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.54MM



DIMENSIONS:

L1 = 2.54 x (No. of Contacts/Row-1)
L2 = 2.54 x No. of Contacts/Row



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
LCP

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 6 5 2 J 2 - A/B - x x x x B - x
1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:

2J2

2. DIMENSION A/B (UNIT: mm)

3. NO. OF CONTACTS:

008 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

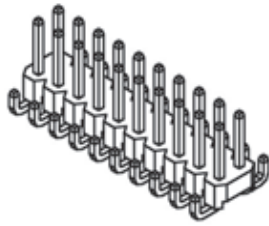
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

2.54MM(0.100") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.54MM



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 250V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

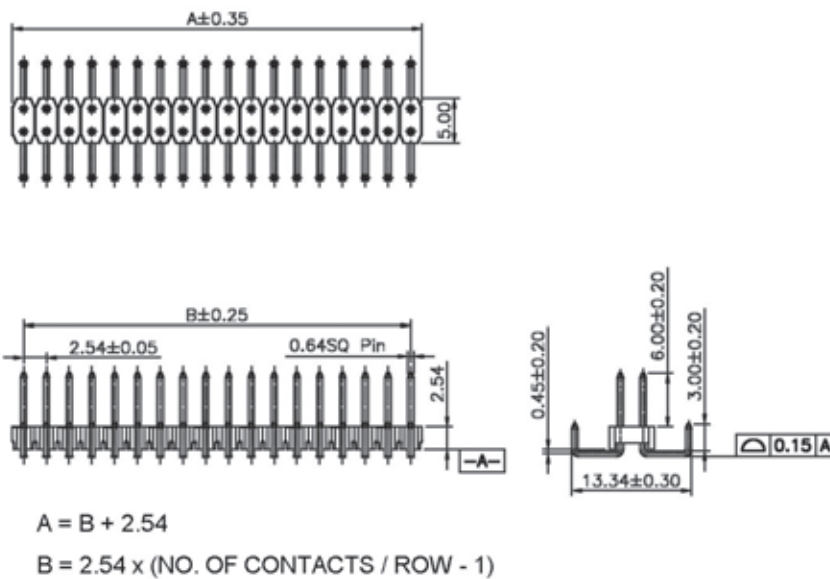
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

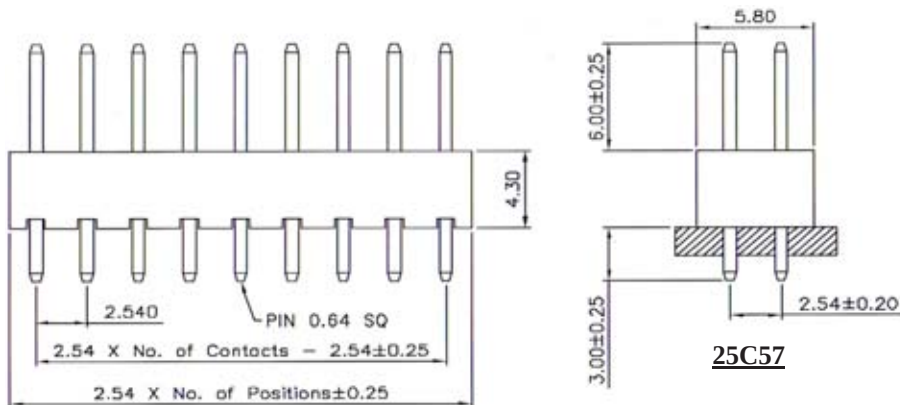


ORDERING INFORMATION:

P/N 2 5 K 8 2 - x x x x B - x
1 2 3 4

1. CONTACT TYPE:
"K82" DOUBLE ROW SMT TYPE
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED
4. PACKAGE OPTION:
"T" W/O PAD IN TUBE
"O" IN TRAY

2.54MM(0.100") PIN HEADER DOUBLE ROW DIP TYPE PROFILE=4.30MM

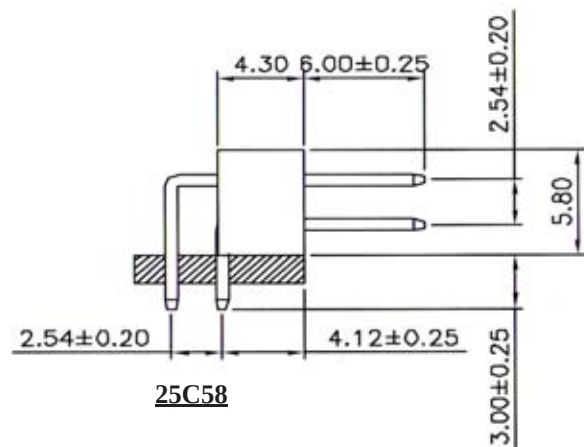
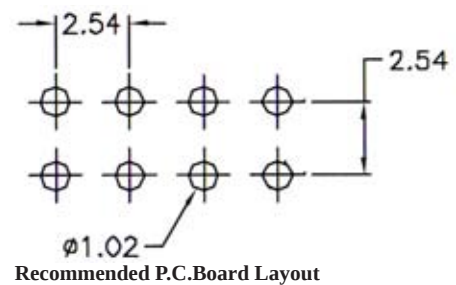
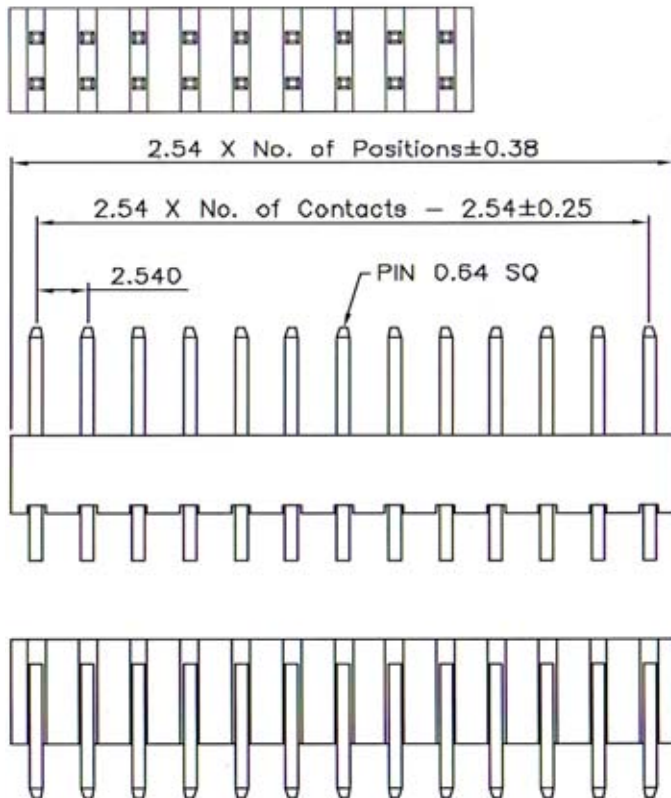


SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
 All materials must be RoHS compliant.



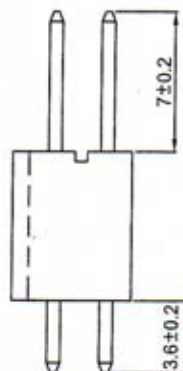
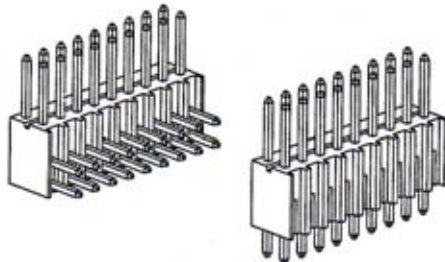
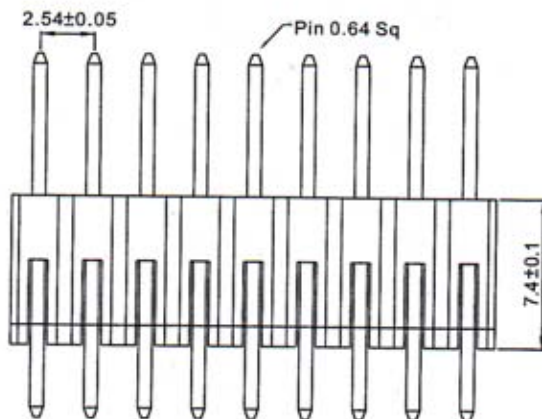
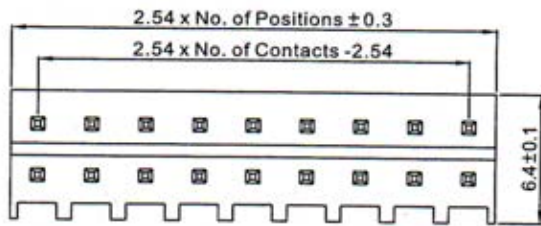
ORDERING INFORMATION:

P/N 25 C xx - xxx x B / xx
 1 2 3 4

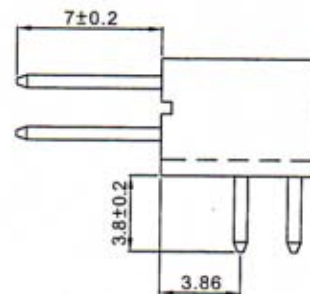
- CONNECTOR TYPE:
 "C57" STRAIGHT TYPE
 "C58" RIGHT ANGLE TYPE
- NO. OF CONTACTS:
 008 ~ 080
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED

- INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T

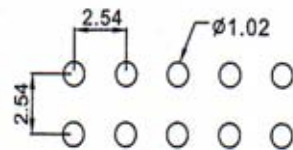
2.54MM(0.100") PIN HEADER DOUBLE ROW DIP TYPE PROFILE=7.40MM



254TP



254TQ



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T

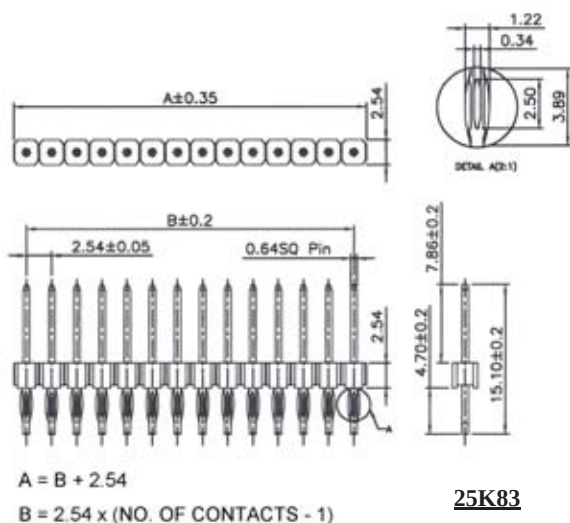
All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B

1. CONNECTOR TYPE:
"TP" STRAIGHT TYPE
"TQ" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

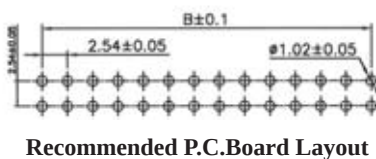
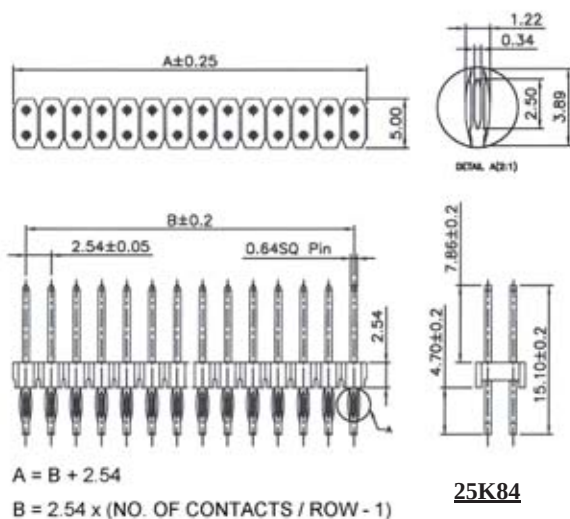
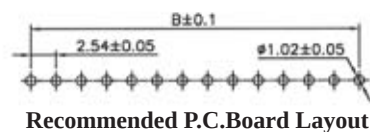
2.54MM(0.100") PIN HEADER STRAIGHT TYPE WITH KINKED PINS PROFILE=2.54MM



SPECIFICATIONS
Current Rating: 3.0 A
Voltage Rating: 250V AC/DC
Contact Resistance: 20mΩ Max.
Insulator Resistance: 5000MΩ Min.
Withstanding Voltage: 500V AC/Min.
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black
Contact: Brass
 All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 25 xxx - xxx x B
 1 2 3

- CONTACT TYPE:
 "K83" SINGLE ROW
 "K84" DOUBLE ROW
- NO. OF CONTACTS:
 001 ~ 040 FOR SINGLE ROW
 002 ~ 080 FOR SINGLE ROW
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED

2.54MM(0.100") STRAIGHT PRESS-FIT TYPE

SINGLE ROW	DOUBLE ROW	DIMENSIONS(MM)	
		B	C
PM	QM	5.20	3.30
PN	QN	6.80	3.30
PQ	QP	8.10	3.30
PR	QR	10.20	3.30
PS	QS	13.00	3.30
PT	QT	5.20	6.50
PU	QU	6.80	6.50
PV	QV	8.10	6.50
PW	QW	10.20	6.50
PX	QX	13.00	6.50

SPECIFICATIONS

Current Rating: 3Amp

Insulation Resistance: 5000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: High Temperature

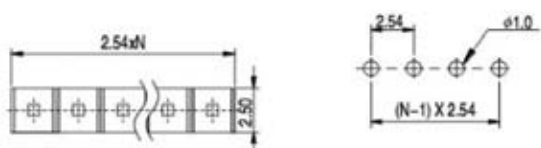
Thermoplastic UL94V-0

Contact: Copper Alloy

Plating: Au or Sn Over Nickel

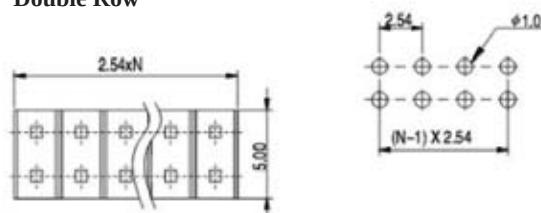
All materials must be RoHS compliant.

Single Row

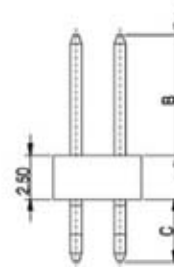
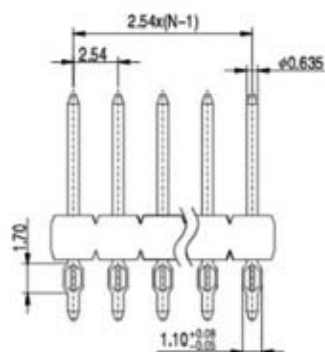
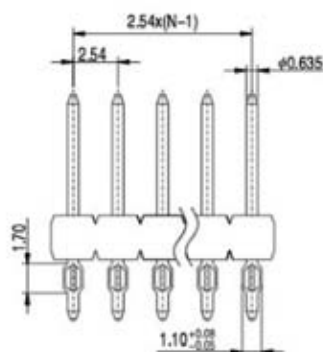


Recommended P.C.Board Layout

Double Row



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 xx - xxx S B
1 2 3

1. CONTACT TYPE:

PM, PN, PQ, PR, PS, PT, PU, PV, PW, PX

QM, QN, QQ, QR, QS, QT, QU, QV, QW, QX

2. NO. OF CONTACTS:

001 ~ 040 FOR SINGLE ROW

002 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") PIN HEADER STRAIGHT PRESS-FIT TYPE

SPECIFICATIONS

Current Rating: 3Amp

Contact Resistance: 20mΩ Max

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: High Temperature

Thermoplastic UL94V-0

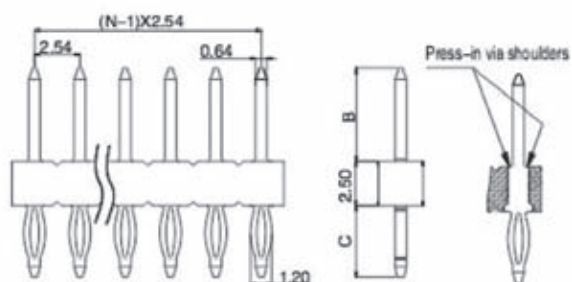
Contact: Copper Alloy

Plating: Au or Sn Over Nickel

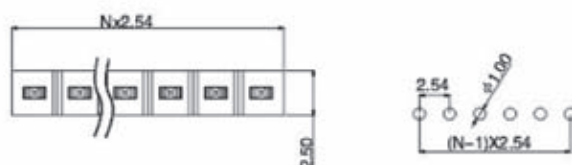
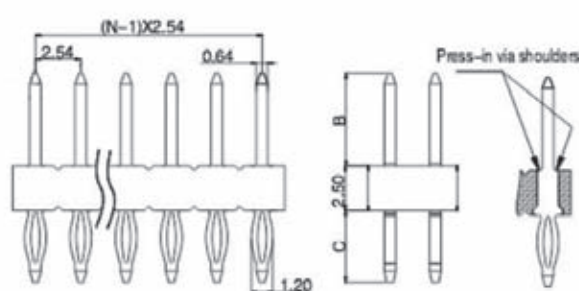
All materials must be RoHS compliant.

SINGLE ROW	DOUBLE ROW	DIMENSIONS(MM)	
		B	C
P71	P81	5.20	4.00
P72	P82	6.80	4.00
P73	P83	8.00	4.00
P74	P84	5.20	6.50
P75	P85	6.80	6.50
P76	P86	8.00	6.50

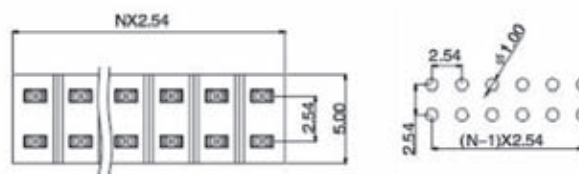
Single Row



Double Row



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 xxx - xxx S B
1 2 3

1. TERMINAL TYPE:

P71, P72, P73, P74, P75, P76,
P81, P82, P83, P84, P85, P86

2. NO. OF CONTACTS:

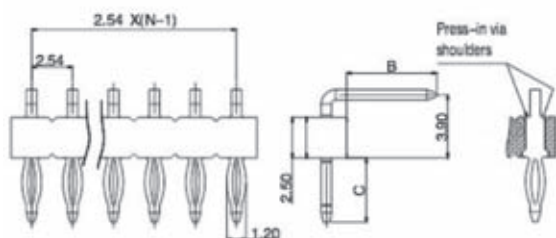
001 ~ 040 FOR SINGLE ROW
002 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") PIN HEADER RIGHT ANGLE PRESS-FIT TYPE

25P79-xxxSB



SPECIFICATIONS

Current Rating: 3Amp

Contact Resistance: 20mΩ Max

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: High Temperature

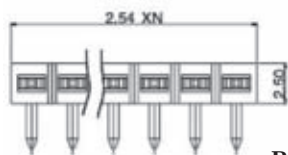
Thermoplastic UL94V-0

Contact: Copper Alloy

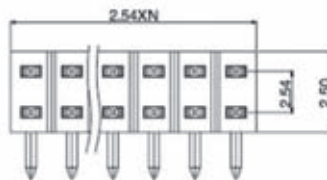
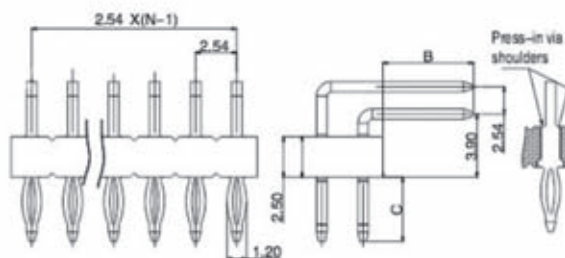
Plating: Au or Sn Over Nickel

All materials must be RoHS compliant.

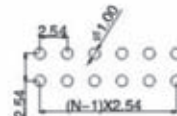
25P89-xxxSB



Recommended P.C.Board Layout



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 25 xxx - xxx S B
1 2 3

1. CONNECTOR TYPE:

"P79" SINGLE ROW B/C = 5.6/4.0MM

"P89" DOUBLE ROW B/C = 5.6/4.0MM

2. NO. OF CONTACTS:

001 ~ 040 FOR SINGLE ROW

002 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") RIGHT ANGLE PRESS-FIT TYPE

SPECIFICATIONS

Current Rating: 3Amp

Insulation Resistance: 5000MΩ Min.

Withstanding Voltage: AC 500V

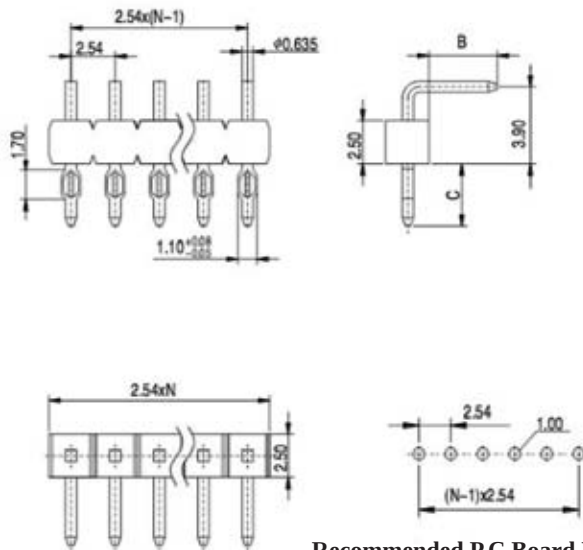
Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

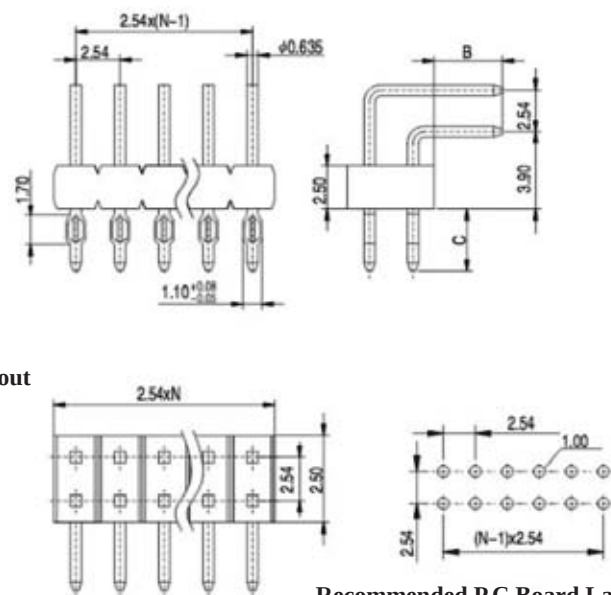
260°C For 10 Seconds

Single Row



Recommended P.C.Board Layout

Double Row



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B
 1 2 3

1. CONTACT TYPE:

"A05" SINGLE ROW WITH B/C = 2.8/3.3MM

"A06" SINGLE ROW WITH B/C = 5.6/3.3MM

"A07" DOUBLE ROW WITH B/C = 2.8/3.3MM

"A08" DOUBLE ROW WITH B/C = 5.6/3.3MM

2. NO. OF CONTACTS:

001 ~ 040 FOR SINGLE ROW

002 ~ 080 FOR DOUBLE ROW

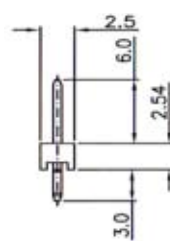
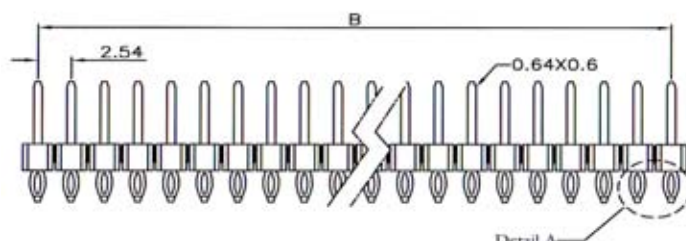
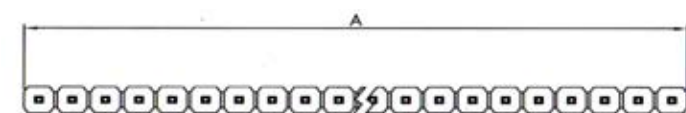
3. CONTACT FINISH:

"G" FULL GOLD PLATED

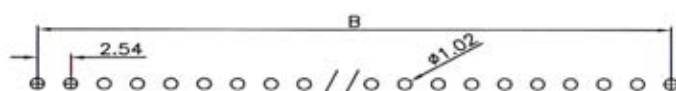
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

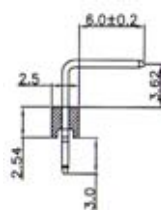
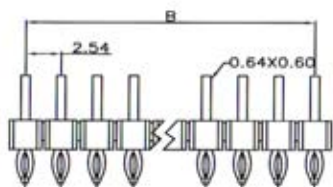
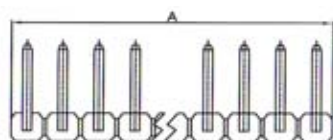
2.54MM(0.100") PIN HEADER SINGLE ROW PRESS FIT TYPE PROFILE=2.54MM



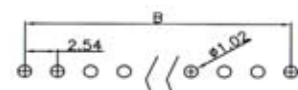
25P61



Recommended P.C.Board Layout



25P65



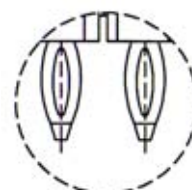
Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T
 All materials must be RoHS compliant.



Press fit type

DIMENSIONS:

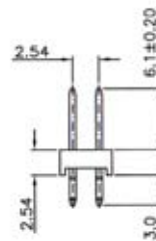
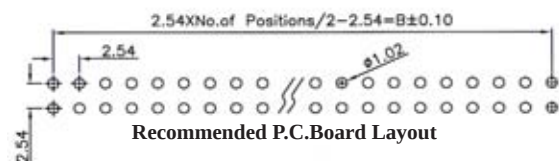
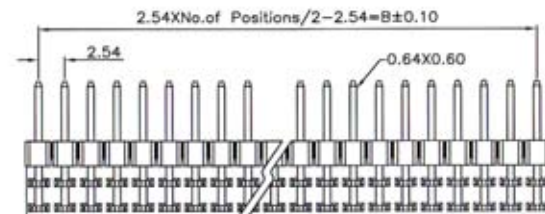
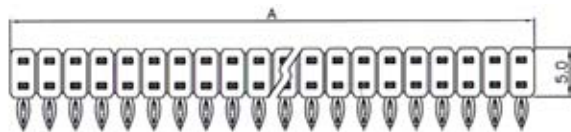
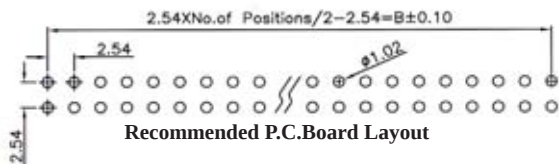
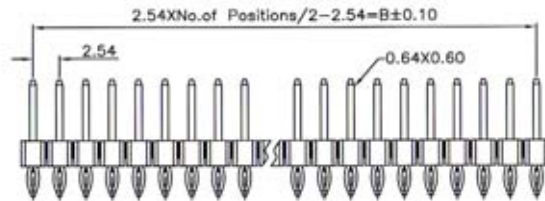
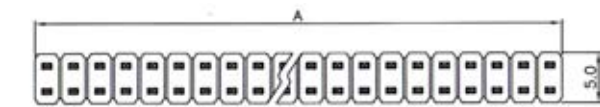
A = 2.54 x No. of Contacts/Row
 B = 2.54 x No. of Contacts/Row - 2.54

ORDERING INFORMATION:

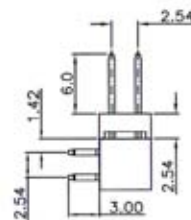
P/N 25 P_{xx} - xxx x B
 1 2 3

1. TERMINAL TYPE
 "P61" STRAIGHT TYPE
 "P65" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
 002 ~ 040
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER DOUBLE ROW PRESS FIT TYPE PROFILE=2.54MM



25P62



25P66

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T

All materials must be RoHS compliant.

DIMENSIONS:

A = 2.54 x No. of Contacts/Row/2

B = 2.54 x No. of Contacts/Row/2 - 2.54

ORDERING INFORMATION:

P/N 25 Pxx - xxx x B
 1 2 3

1. TERMINAL TYPE

"P62" STRAIGHT TYPE

"P66" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

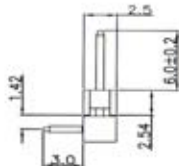
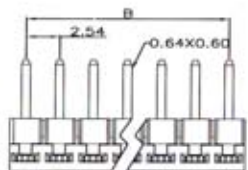
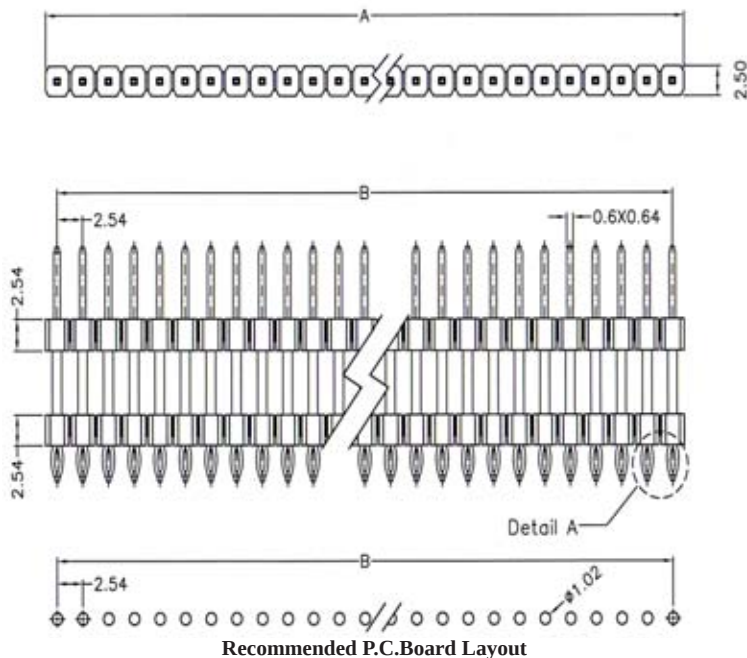
004 ~ 080

3. CONTACT FINISH:

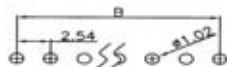
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER DUAL BODY PRESS FIT TYPE PROFILE=2.54MM



25P69



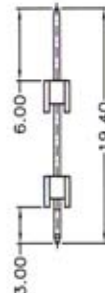
Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T
 All materials must be RoHS compliant.



25P63



Press fit type

DIMENSIONS:

A = 2.54 x No. of Contacts/Row
 B = 2.54 x No. of Contacts/Row - 2.54

ORDERING INFORMATION:

P/N 25 P₁xx - xx₂xx₃ B

1. TERMINAL TYPE
 "P63" STRAIGHT TYPE
 "P69" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
 002 ~ 040
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER DUAL BODY PRESS FIT TYPE PROFILE=2.54MM

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

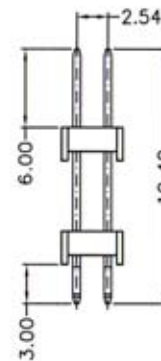
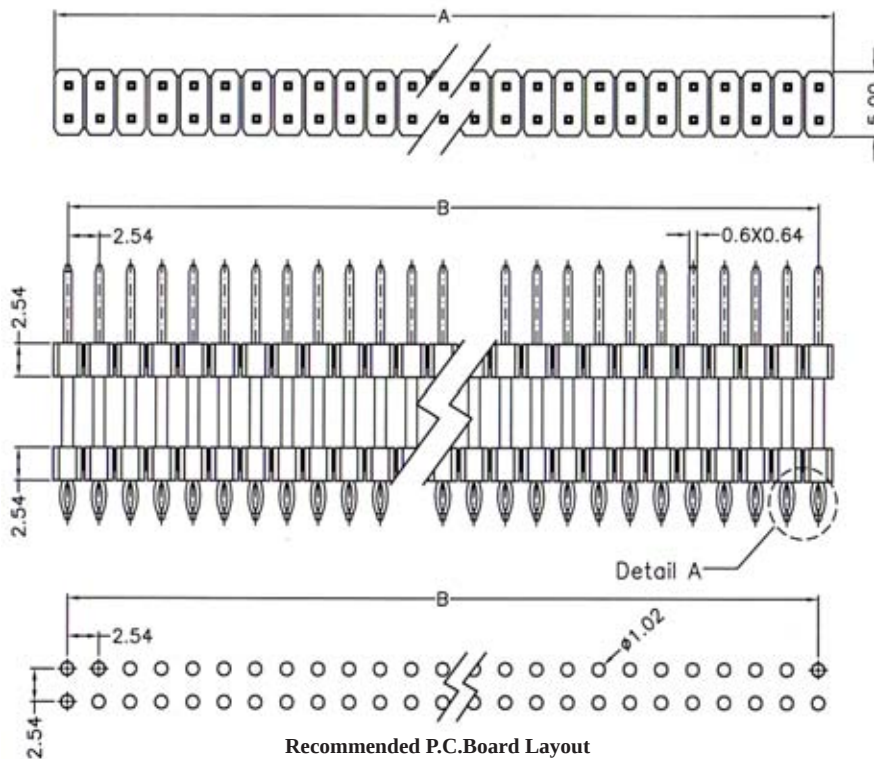
MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T

All materials must be RoHS compliant.



DIMENSIONS:

A = 2.54 x No. of Contacts/Row/2

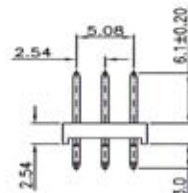
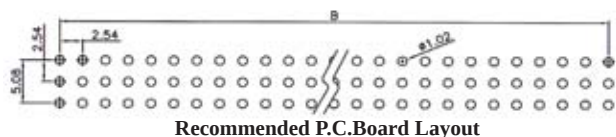
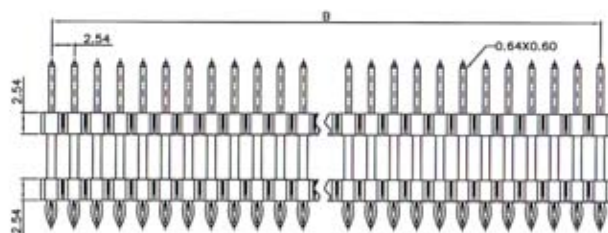
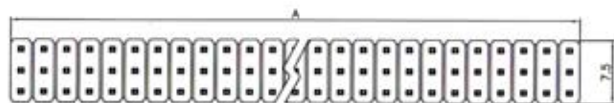
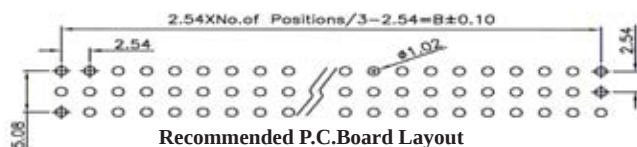
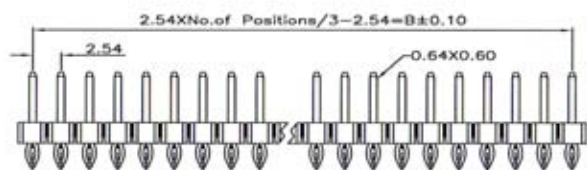
B = 2.54 x No. of Contacts/Row/2 - 2.54

ORDERING INFORMATION:

P/N 2 5 P₁xx - xxx x B
 1 2 3

1. TERMINAL TYPE
"P64" STRAIGHT TYPE
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER TRIPLE ROW PRESS FIT TYPE PROFILE=2.54MM



25P67

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

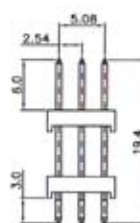
MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T

All materials must be RoHS compliant.



25P68

DIMENSIONS:

A = 2.54 x No. of Contacts/Row/3

B = 2.54 x No. of Contacts/Row/3 - 2.54

ORDERING INFORMATION:

P/N 25 P₁xx - xxx₂ x₃ B

1. NO. OF BODIES:

"P67" SINGLE BODY

"P68" DOUBLE BODY

2. NO. OF CONTACTS:

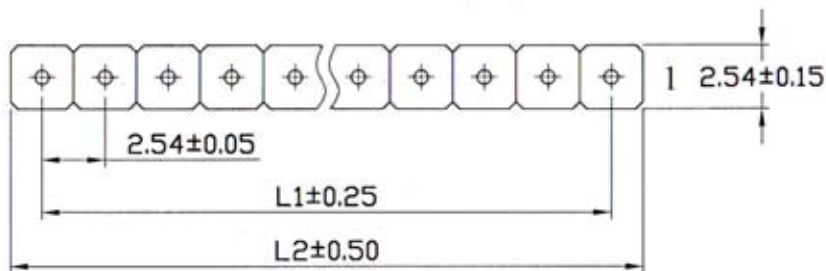
009 ~ 120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER SINGLE ROW WITH 0.60MM ROUND CONTACTS

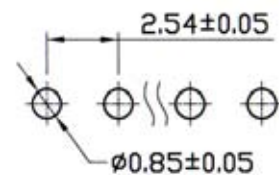
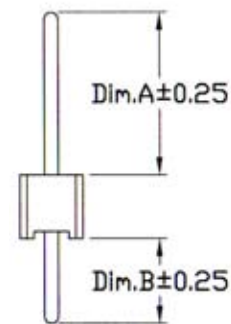
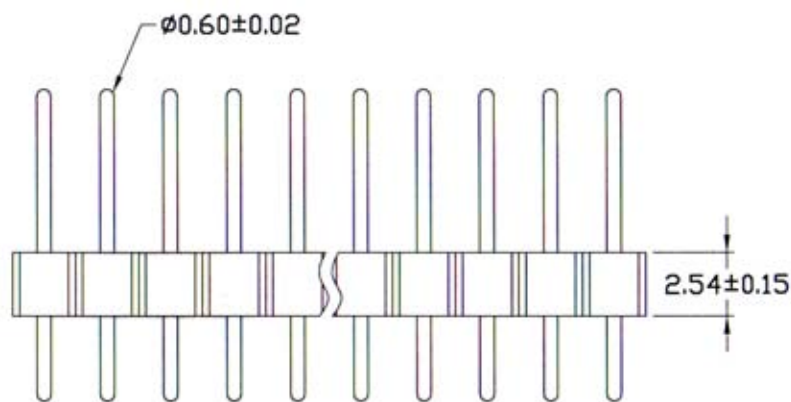


SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
 All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

L1 = 2.54 x No. of Contacts/Row-2.54

L2 = 2.54 x No. of Contacts/Row

ORDERING INFORMATION:

CODE: 2 5 9 1 S 1 - A/B - x x x x B / x x
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

1. EXTERIOR CODE:

1S1

2. DIMENSION A/B (UNIT: mm)

3. NO. OF CONTACTS:

001 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

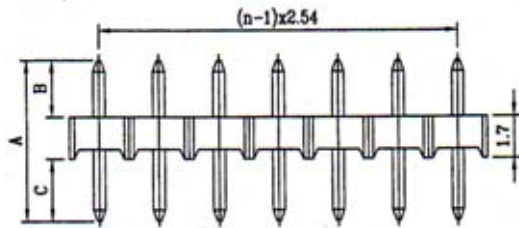
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

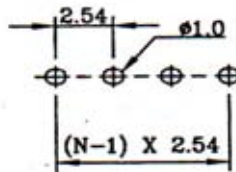
" " PBT

"6T" NYLON 6T

2.54MM(0.100") PIN HEADER WITH 0.5MM ROUND CONTACTS PROFILE=1.70MM



SINGLE BODY TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000M Ω Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20m Ω Max.

Operating Temperature: -40°C to +105°C

MATERIALS

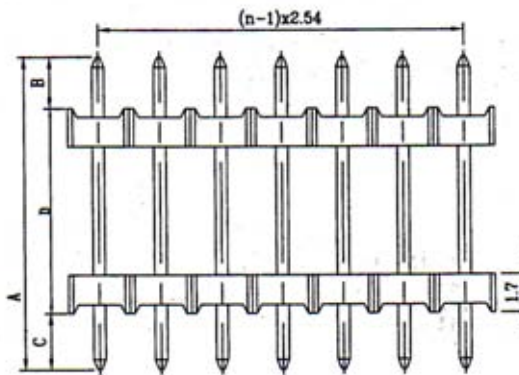
Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

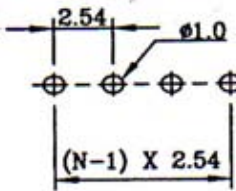
Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.



DOUBLE BODY TYPE



Recommended P.C.Board Layout

Terminal Code	Dimensions(mm)		
	A	B	C
R5	6.50	2.30	2.50
R6	8.30	3.40	3.30
R7	11.30	6.30	3.30
R8	12.60	7.60	3.30
R9	14.70	9.70	3.30

ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1} - \frac{XXX}{2} \frac{X}{3} B$

1. TERMINAL CODE:

SINGLE BODY TYPE:

R5, R6, R7, R8, R9

DOUBLE BODY TYPE:

"WU" A / B / C / D = 13.5 / 2.3 / 2.5 / 8.7

"WV" A / B / C / D = 17.5 / 3.4 / 3.3 / 10.8

2. NO. OF CONTACTS:

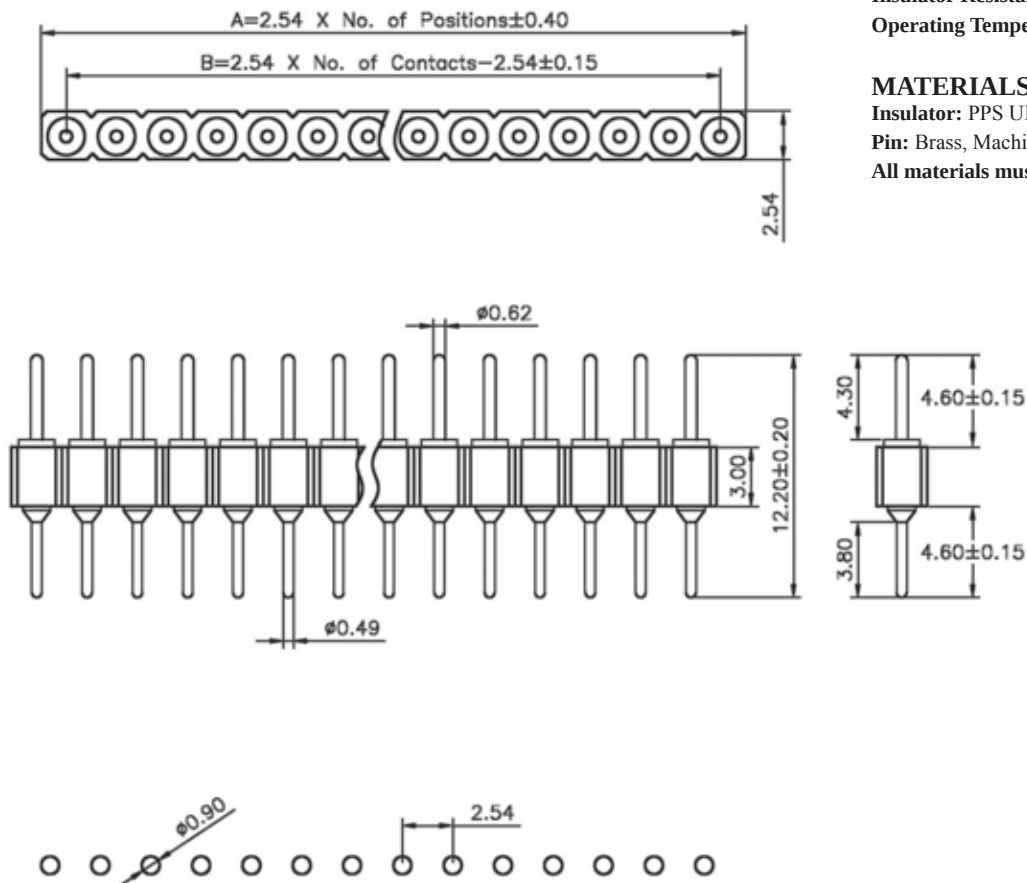
002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

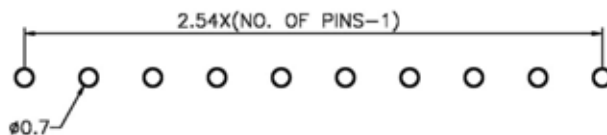
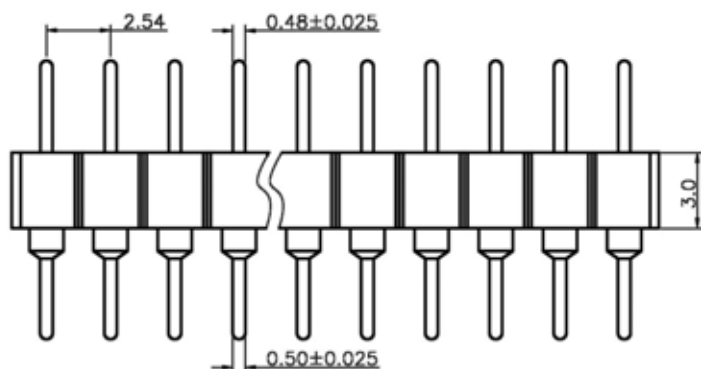
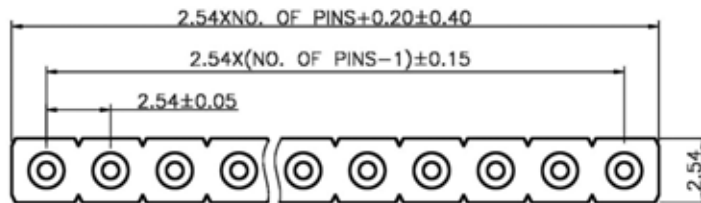
All materials must be RoHS compliant.

ORDERING INFORMATION:

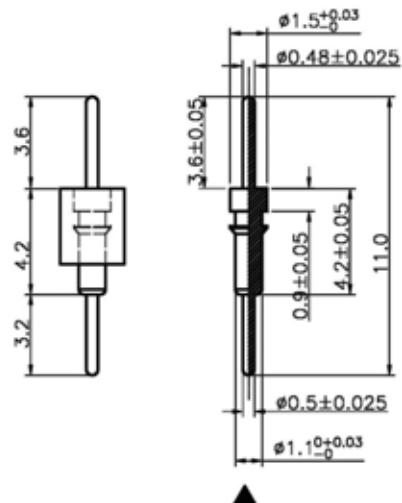
P/N 2 5 M 0 1 - x x x x B
1 2 3

1. CONTACT TYPE:
"M01" PIN LENGTH = 12.20MM
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED (STANDARD)
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 150V DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 100V AC/Min.

Operating Temperature: -55°C to +125°C

MATERIALS

Insulator: PPS UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 M 2 3 - x x x x B
1 2 3

1. CONTACT TYPE:

"M23" PIN LENGTH = 11.0MM

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED (STANDARD)

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

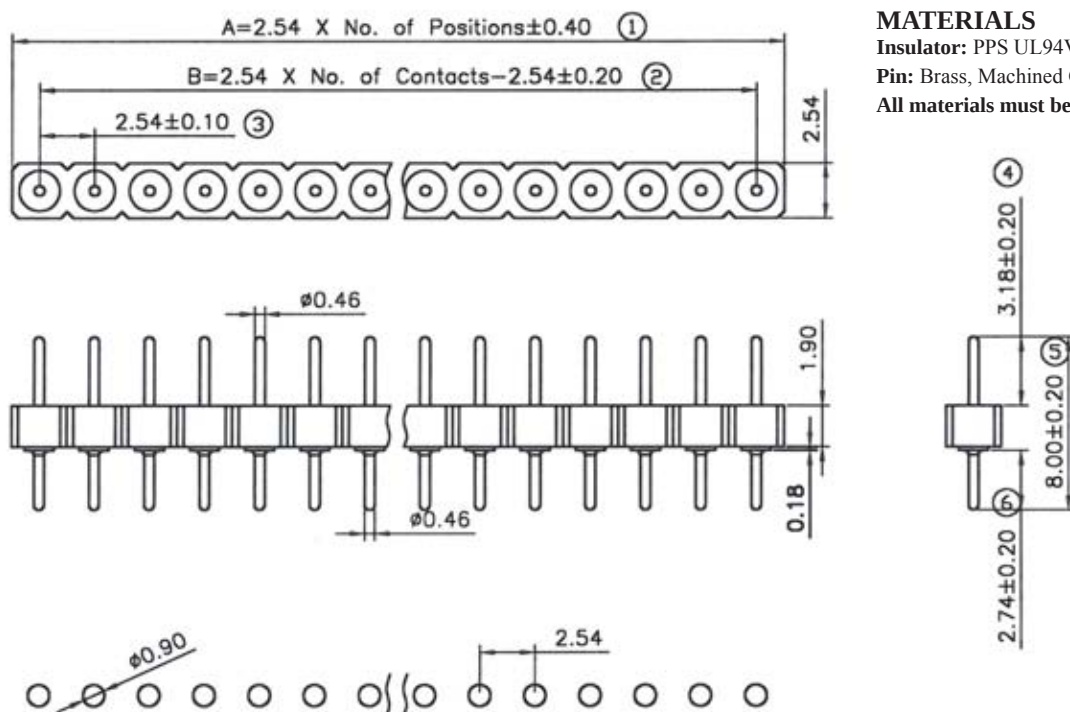
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 M 2 4 - x x x x B
1 2 3

1. CONTACT TYPE:
"M24" PIN LENGTH = 8.00MM
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED (STANDARD)
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

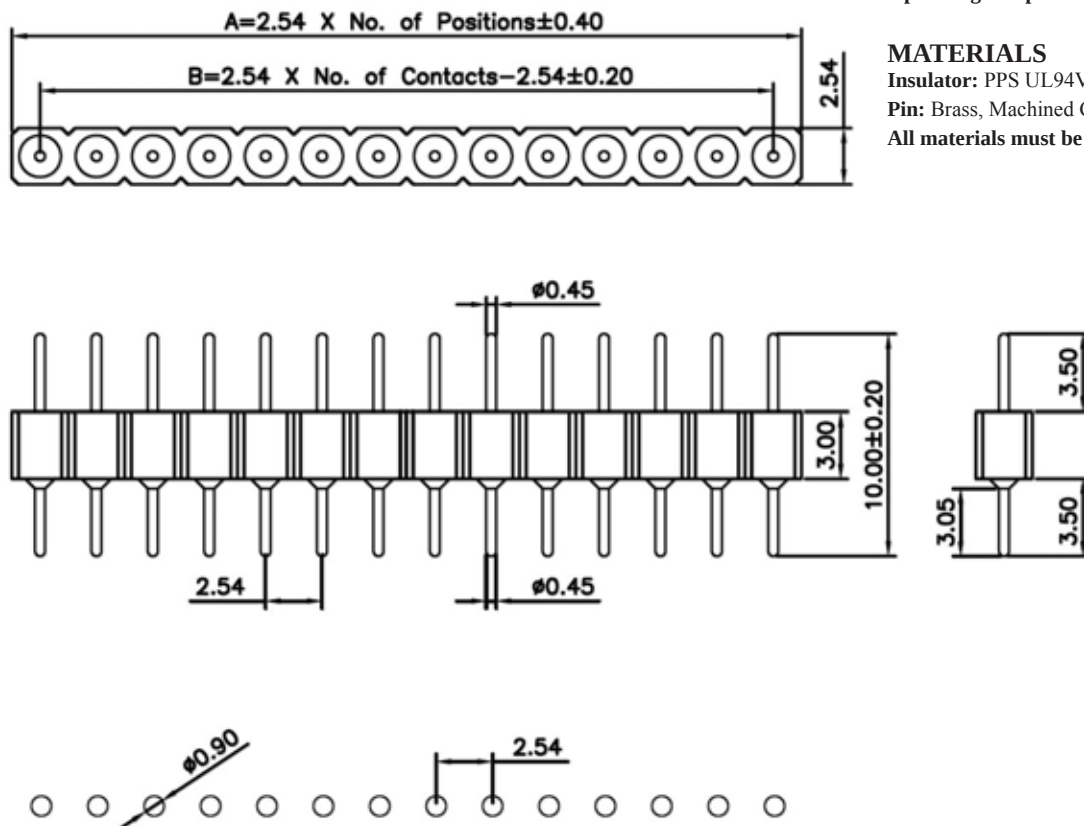
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

All materials must be RoHS compliant.



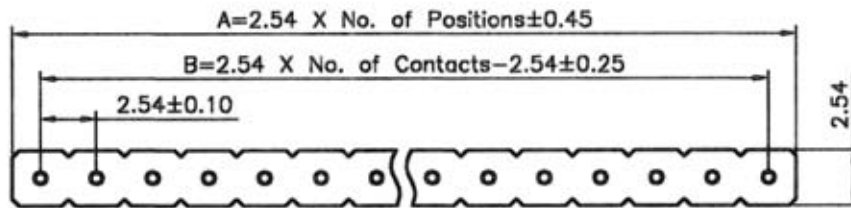
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 M 3 6 - x x x x B
1 2 3

1. CONTACT TYPE:
"M36" PIN LENGTH = 10.0MM
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED (STANDARD)
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: $4\text{m}\Omega$ Max.

Insulator Resistance: $1000\text{M}\Omega$ Min.

Withstanding Voltage: 1000V AC/Min.

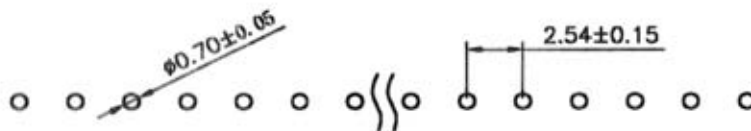
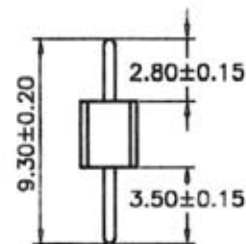
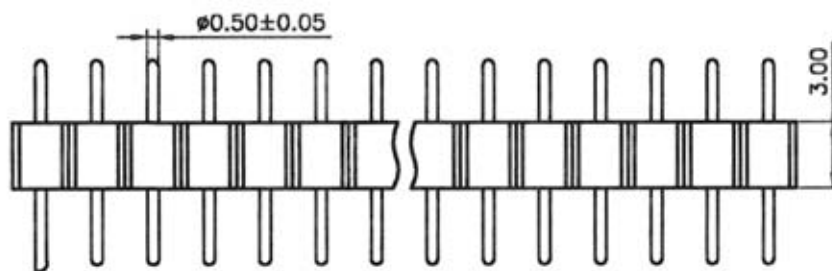
Operating Temperature: -40°C to $+105^\circ\text{C}$

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 M41 - xxx x B
1 2 3

1. CONTACT TYPE:

"M41" PIN LENGTH = 9.3MM

2. NO. OF CONTACTS:

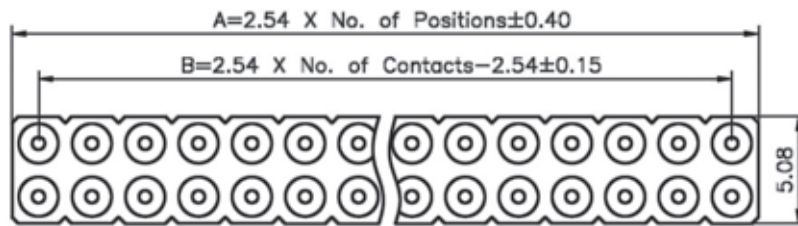
002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED (STANDARD)

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS DOUBLE ROW STRAIGHT DIP TYPE



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

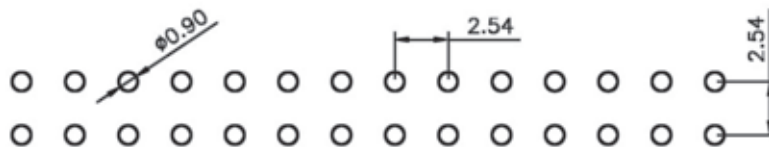
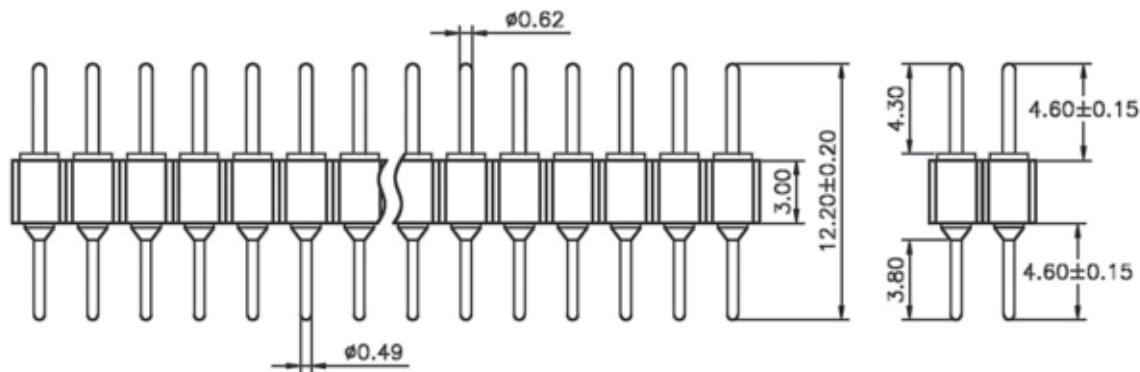
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 M02 - xxx x B
1 2 3

1. CONTACT TYPE:

"M02" PIN LENGTH = 12.20MM

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED (STANDARD)

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS DOUBLE ROW STRAIGHT DIP TYPE

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

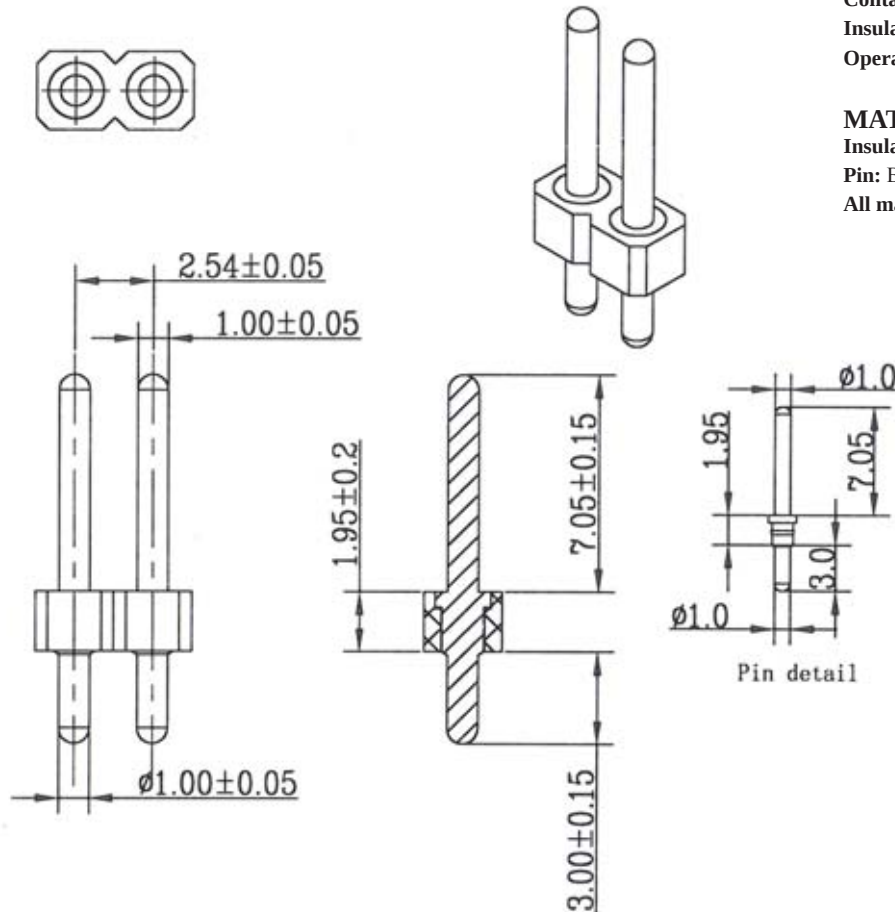
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined

All materials must be RoHS compliant.

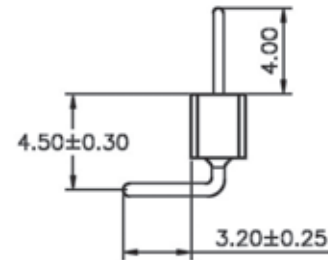
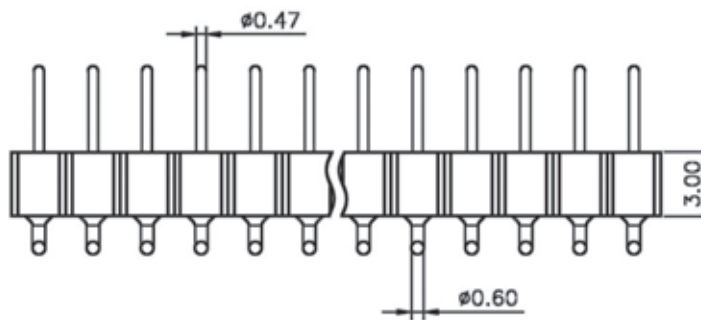
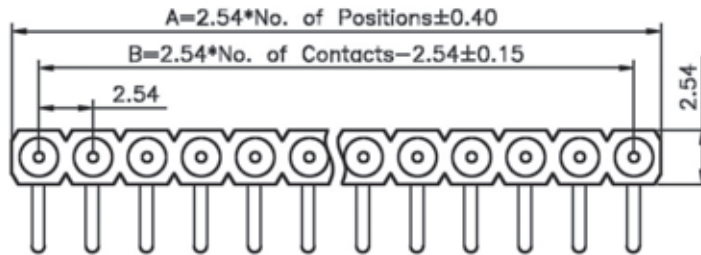


ORDERING INFORMATION:

P/N 2 5 M 3 4 - x x x x B
1 2 3

1. CONTACT TYPE:
"M34" PIN LENGTH = 12.00MM
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED (STANDARD)
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS SINGLE ROW RIGHT ANGLE DIP TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: $4m\Omega$ Max.

Insulator Resistance: 5000M Ω Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -40°C to $+105^{\circ}\text{C}$

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

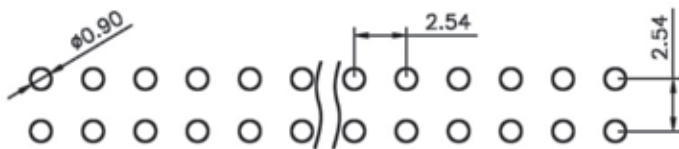
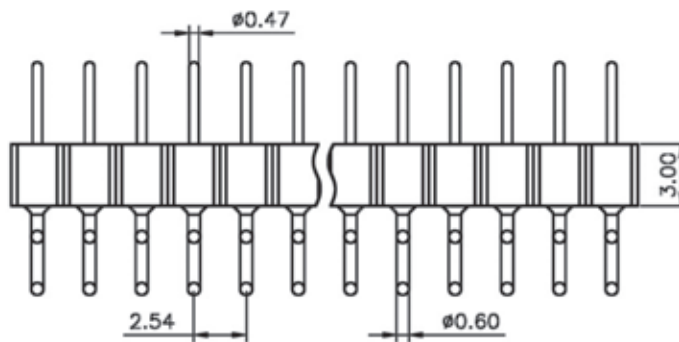
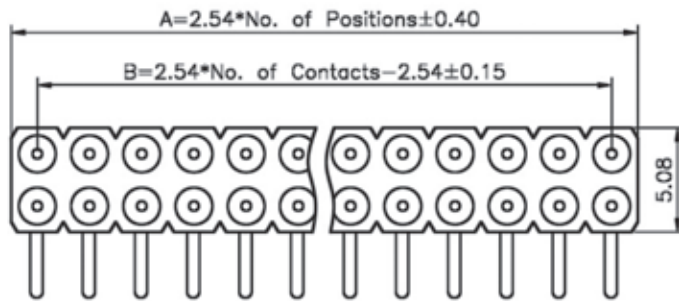
All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 M42 - x x x x B
1 2 3

1. CONTACT TYPE:
"M42" SINGLE ROW RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 ~ 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED (STANDARD)
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS DOUBLE ROW RIGHT ANGLE DIP TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

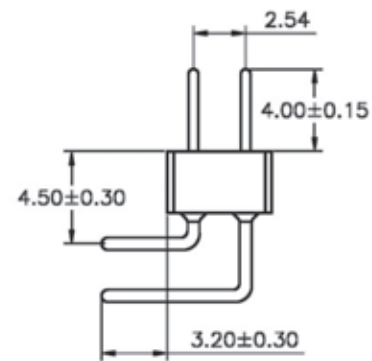
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

All materials must be RoHS compliant.

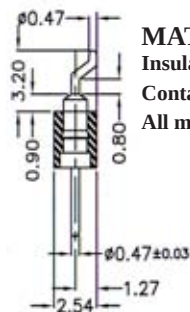
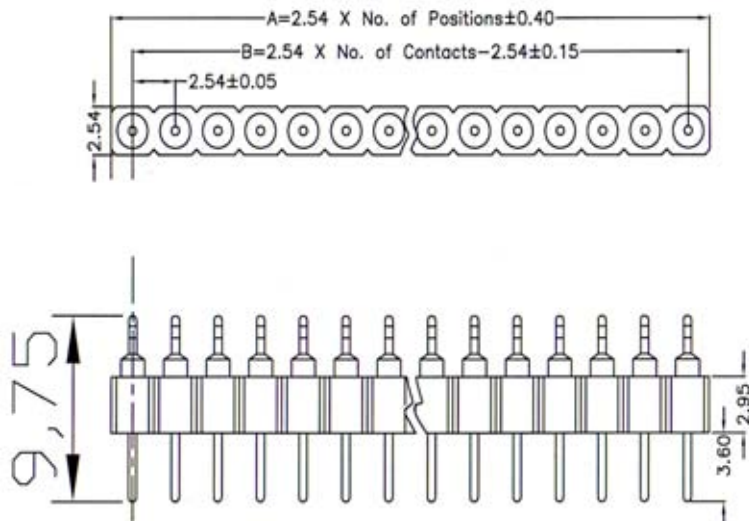


ORDERING INFORMATION:

P/N 2 5 M43 - x x x x B
1 2 3

1. CONTACT TYPE:
"M43" DOUBLE ROW RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
004 ~ 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED (STANDARD)
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER SMT TYPE WITH SCREW MACHINED CONTACTS



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 4mΩ Max.

Operating Temperature:

Gold Plated: -55°C to + 125°C

Tin Plated: -40°C to + 105°C

Soldering Temperature: 260°C for 10 seconds

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 M 2 8 - x x x x B
 1 2 3

1. NO. OF ROWS:

"M28" SINGLE ROW SMT TYPE

2. NO. OF CONTACTS:

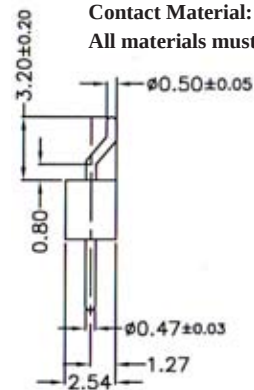
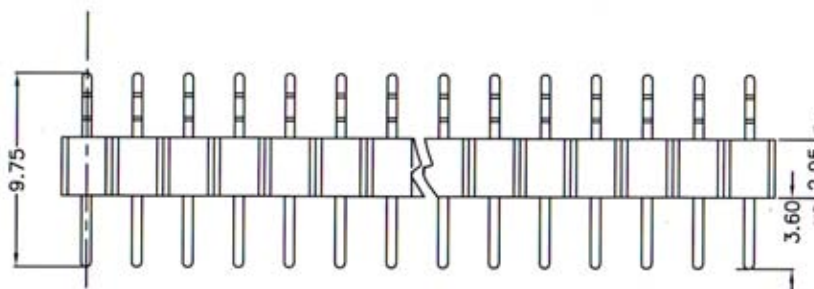
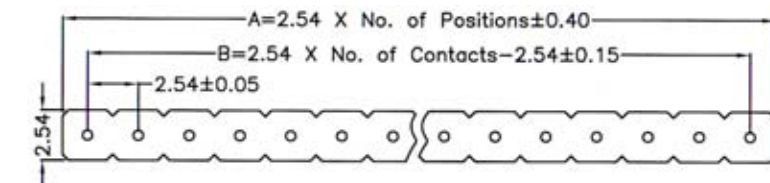
002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED (STANDARD)

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER SMT TYPE WITH SCREW MACHINED CONTACTS



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 5000M Ω Min

Contact Resistance: 4m Ω Max.

Operating Temperature:

Gold Plated: -55°C to +125°C

Tin Plated: -40°C to +105°C

Soldering Temperature: 260°C for 10 seconds

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 M 2 9 - x x x x B
1 2 3

1. NO. OF ROWS:

"M29" SINGLE ROW SMT TYPE

2. NO. OF CONTACTS:

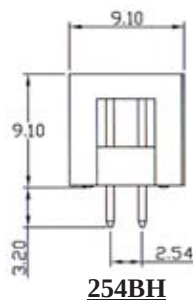
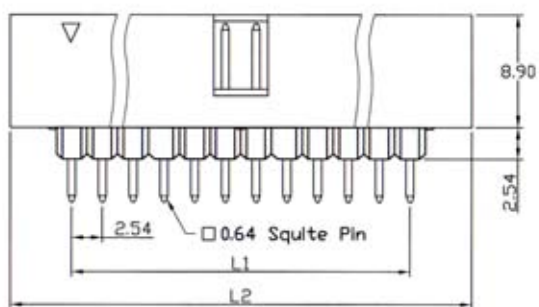
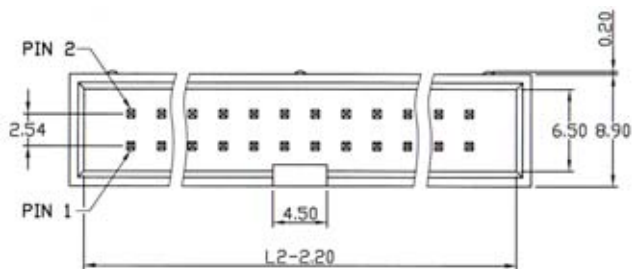
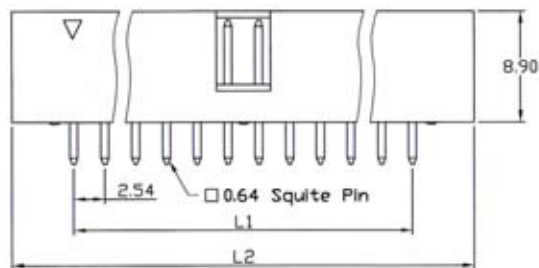
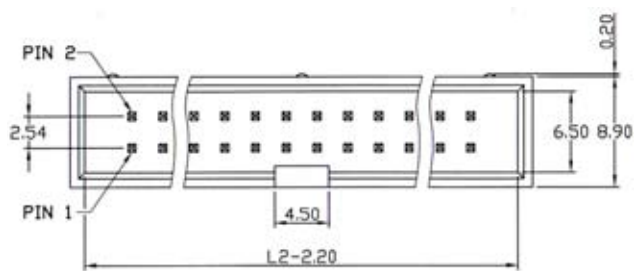
002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED (STANDARD)

"T" FULL TIN PLATED

2.54MM(0.100") BOX HEADER STRAIGHT TYPE



254BH

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

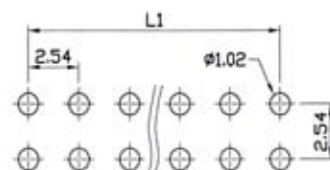
Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

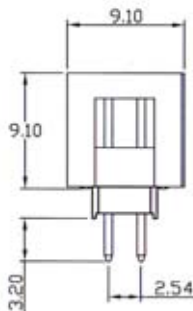
P.B.T or Nylon-6T

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90



254EU

ORDERING INFORMATION:

P/N 254 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{xx}{34}$ / $\frac{xx}{5}$

1. ELEVATED HEIGHT:

"BH" W/O ELEVATION

"EU" WITH ELEVATION

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR COLOR:

"B" BLACK(STANDARD)

"A" GRAY

"U" BLUE

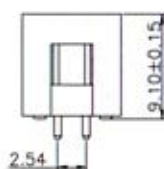
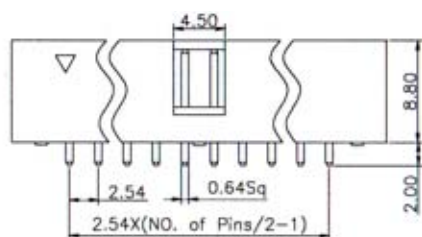
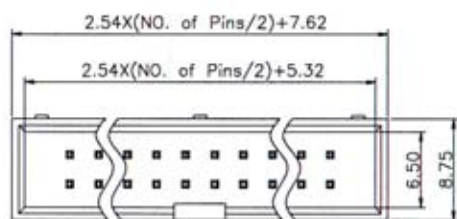
"W" WHITE

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") BOX HEADER STRAIGHT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon 6T, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 H 1 6 - $\frac{x}{1} \frac{x}{2} \frac{x}{3}$

1. NO. OF CONTACTS:

020, 026, 030, 034, 040, 050, 060

2. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

3. INSULATOR COLOR:

"B" BLACK (STANDARD)

"W" WHITE

2.54MM(0.100") BOX HEADER DOUBLE ROW STRAIGHT DIP TYPE

SPECIFICATIONS

Rating Current: 3 Amperes Max

Insulation Resistance: 1000M Ω Min.

Dielectric Withstanding: 1000V AC

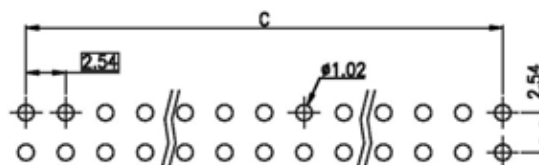
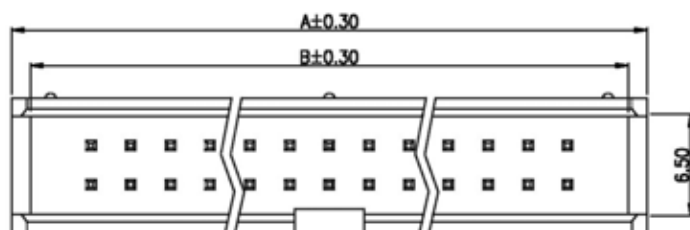
Operating Temperature: -55°C to +105°C

MATERIALS

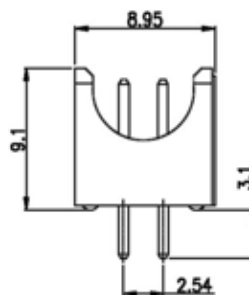
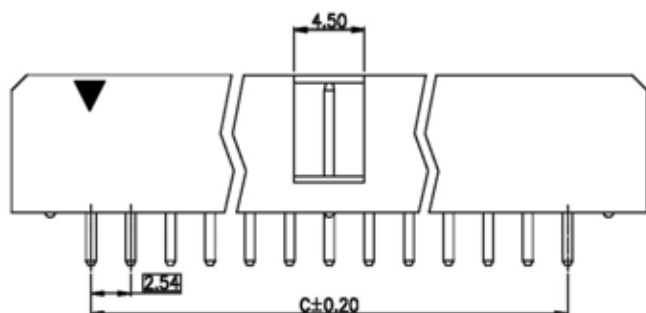
Housing: PBT (UL 94V-0), Black

Terminal: Sq. 0.64mm Copper Alloy, Gold Plating

*** RoHS & REACH compliant.**



Recommended P.C.Board Layout



Dimensions			
Pos.	A	B	C
26	40.64	38.24	30.48
34	50.80	48.40	40.64
40	58.42	56.12	48.26

ORDERING INFORMATION:

P/N 25H55 - $\frac{xxx}{1} \frac{G}{2} \frac{x}{3}$

1. NO. OF CONTACTS:

026, 034, 040

2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. HOUSING COLOR:

"B" BLACK (26, 34, 40 PINS)

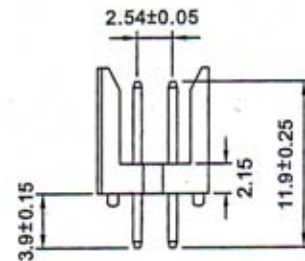
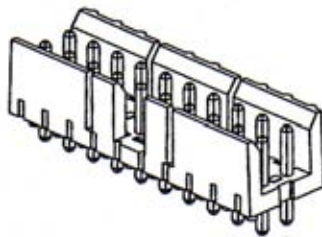
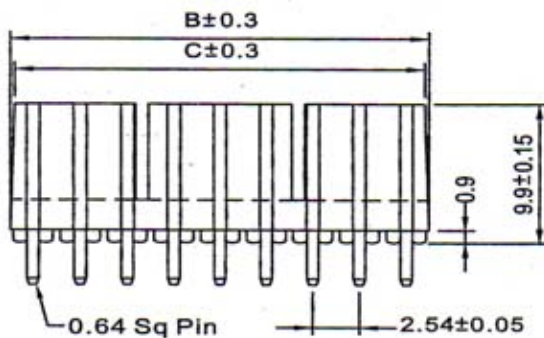
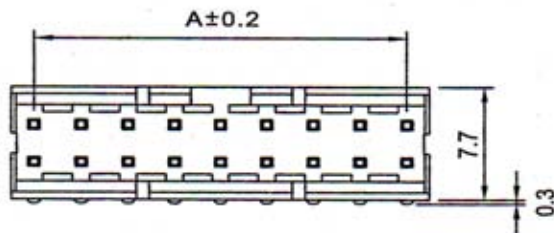
"R" RED (40 PINS)

"U" BLUE (40 PINS)

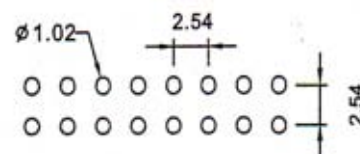
"W" WHITE (40 PINS)

"Y" YELLOW (40 PINS)

2.54MM(0.100") BOX HEADER DOUBLE WALL TYPE



No. of Contacts	A	B	C
18	20.32	22.76	22.30
20	22.86	25.40	22.90



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000M Ω Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20m Ω Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T or Nylon-6T

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 C K - $\frac{x x x}{1} \frac{x}{2} B / \frac{x x}{3}$

1. NO. OF CONTACTS:

018, 020

2. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

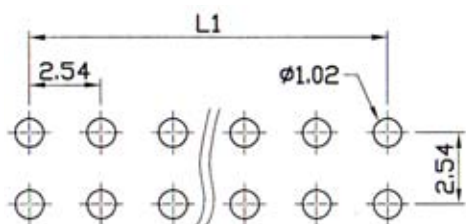
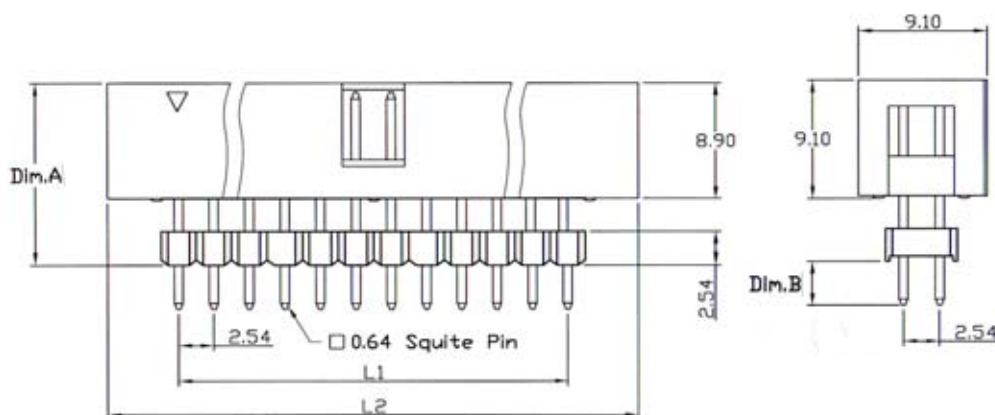
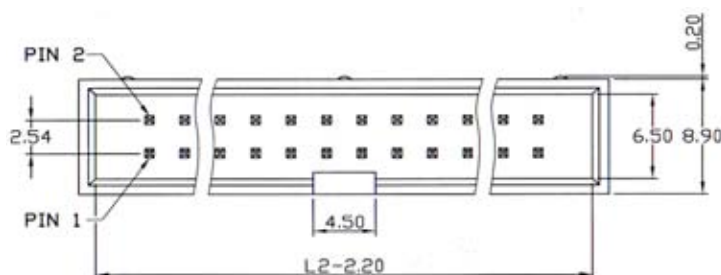
"T" FULL TIN PLATED

3. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") ELEVATED BOX HEADER STRAIGHT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T or Nylon-6T

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{xx}{34}$ / $\frac{xx}{5}$

1. ELEVATED HEIGHT:

"ET" A/B=13.55/3.2MM

"EX" A/B=19.10/3.0MM

"EY" A/B=16.50/3.2MM

"EZ" A/B= 18.30/3.2MM

"ZV" A/B= 38.00/3.0MM

"ZW" A/B=20.85/3.0MM

"ZX" A/B= 40.50/3.0MM

"BE" A/B= 16.60/3.0MM

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024, 026,
030, 034, 040, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"F" FULL TIN PLATED

4. INSULATOR COLOR:

"B" BLACK(STANDARD)

"A" GRAY

"U" BLUE

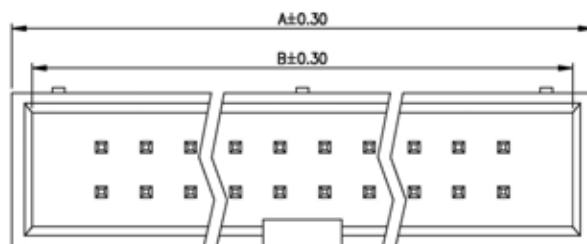
"W" WHITE

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") ELEVATED BOX HEADER



SPECIFICATIONS

Rating Current: 3 Amperes Max

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 1000V AC

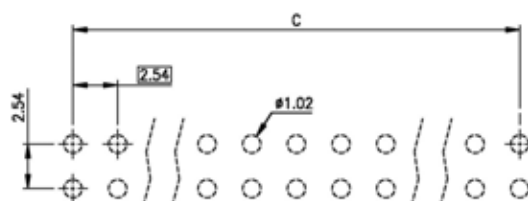
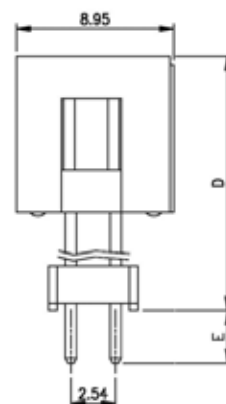
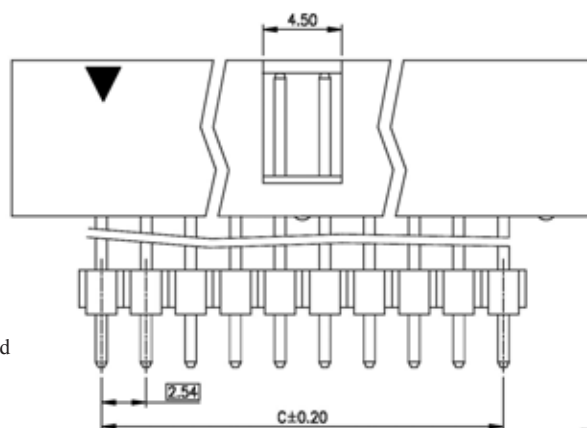
Operating Temperature: -55°C to +105°C

MATERIALS

Housing: PBT (UL 94V-0), Black

Terminal: Sq. 0.64mm Copper Alloy, Gold Plating

* RoHS & REACH compliant.



Recommended P.C.Board Layout

Code	D	E	Dimensions			
			Pos.	A	B	C
H61	24.10	6.00	006	15.24	12.94	5.08
H62	21.00	3.00	008	17.78	15.48	7.62
H63	11.70	3.00	010	20.32	18.02	10.16
H64	25.00	3.00	012	22.86	20.56	12.70
H65	16.60	3.00	014	25.40	23.10	15.24
H66	25.90	3.00	016	27.94	25.64	17.78
H67	23.44	2.29	020	33.02	30.72	22.86
H68	18.64	3.20	024	38.10	35.80	27.94
H69	14.70	2.50	026	40.64	38.34	30.48
H70	11.00	3.00	030	45.72	43.42	35.56
H71	17.00	3.00	034	50.80	48.50	40.64
H72	27.10	3.00	040	58.42	56.12	48.26
H73	13.80	3.30	044	63.50	61.20	53.34
H74	14.00	3.00	050	71.12	68.82	60.96
H75	24.00	3.00				
H76	27.10	5.00				

ORDERING INFORMATION:

P/N 2 5 H x x - x x x G B
1 2 3 4

1. ELEVATED HEIGHT:

H61, H62, H63, H64, H65, H66, H67, H68,
H69, H70, H71, H72, H73, H74, H75, H76

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020,
024, 026, 030, 034, 040, 044, 050

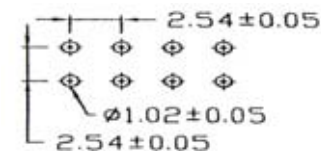
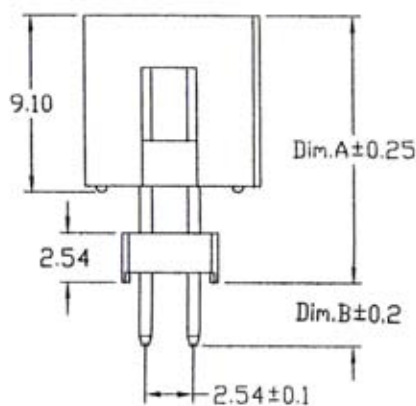
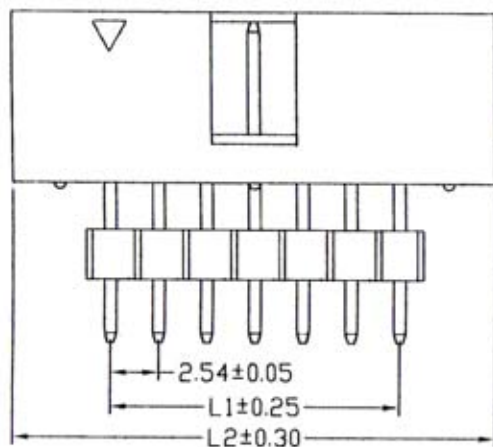
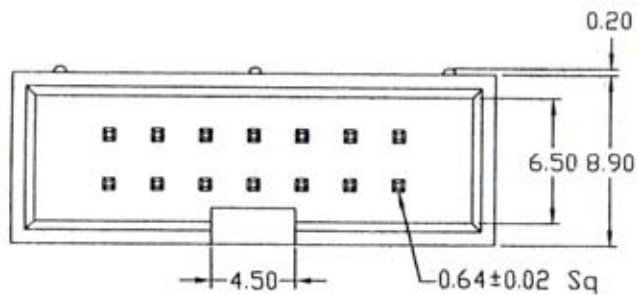
3. CONTACT FINISH:

"G" FULL GOLD PLATED

4. INSULATOR COLOR:

"B" BLACK

2.54MM(0.100") ELEVATED BOX HEADER STRAIGHT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T or Nylon-6T

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

ORDERING INFORMATION:

CODE: 2 6 8 2 S 2 - $\frac{A/B}{1}$ - $\frac{xx}{2}$ $\frac{xx}{3}$ $\frac{B}{4}$ / $\frac{xx}{5}$

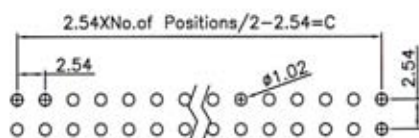
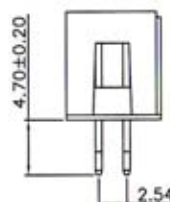
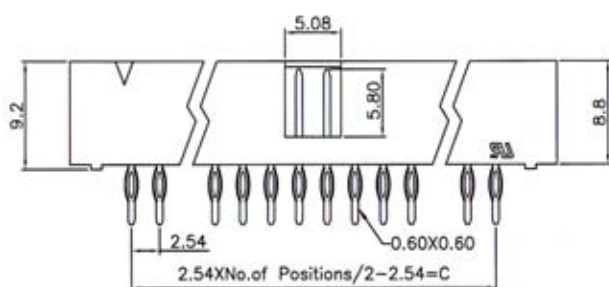
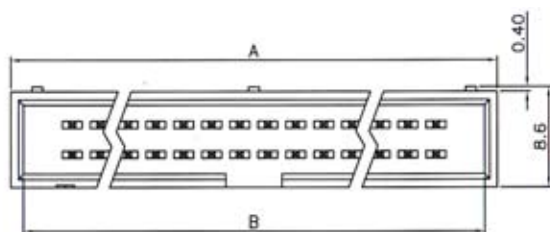
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{xx}{YY}$ $\frac{xx}{MM}$ $\frac{xx}{DD}$ - $\frac{xx}{2}$ $\frac{xx}{3}$ $\frac{B}{4}$

1. DIMENSION A/B (UNIT: mm)
2. NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024, 024,
026, 030, 034, 040, 050, 060, 064
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK (STANDARD)

5. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") BOX HEADER PRESS FIT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C±0.10
10	20.34	18.10	10.16
14	25.48	23.18	15.24
16	27.90	25.72	17.78
20	33.05	30.80	22.86
26	40.68	38.42	30.48
30	45.70	43.50	35.56
34	50.80	48.58	40.64
40	58.46	56.20	48.26
50	71.10	68.90	60.96
60	83.80	81.60	73.66
64	89.10	86.68	78.74

ORDERING INFORMATION:

P/N 2 5 P₁xx - xxx x B

1. TERMINAL TYPE

"P51" STRAIGHT TYPE

2. NO. OF CONTACTS:

010, 014, 016, 020, 026, 030, 034, 040, 050, 060, 064

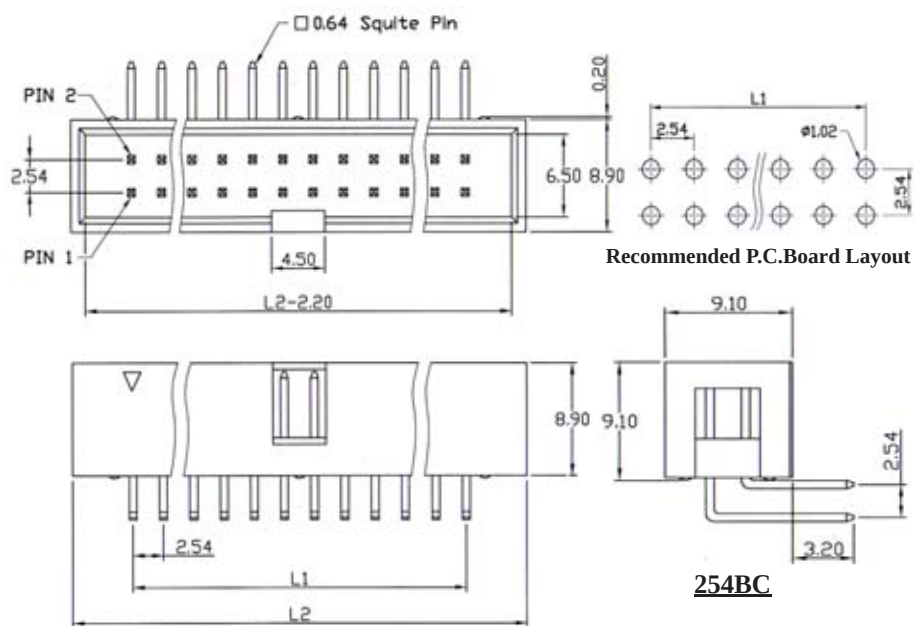
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") BOX HEADER RIGHT ANGLE TYPE

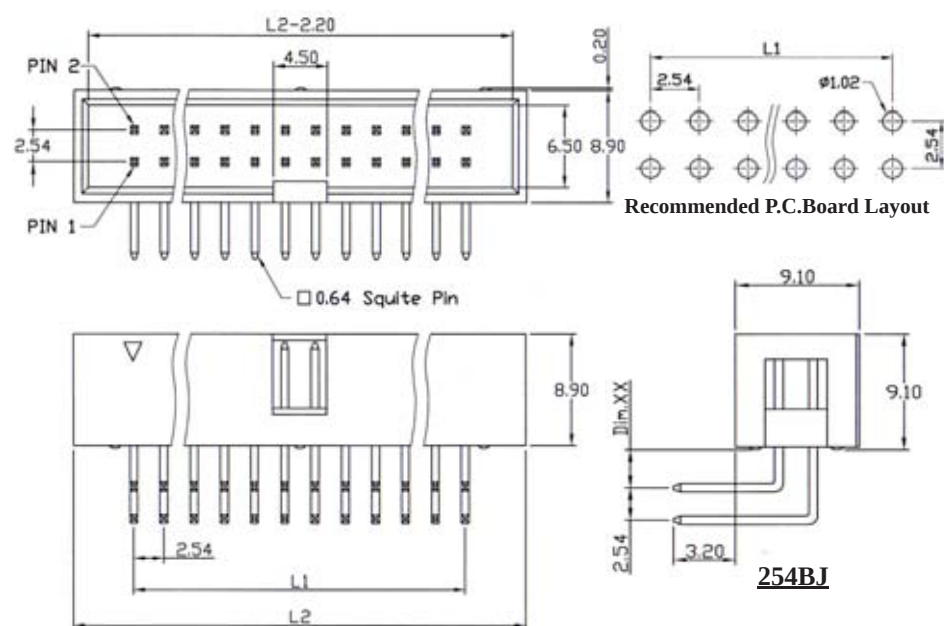


SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

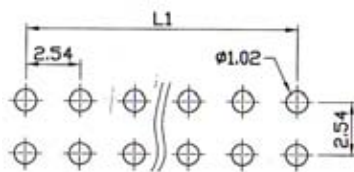
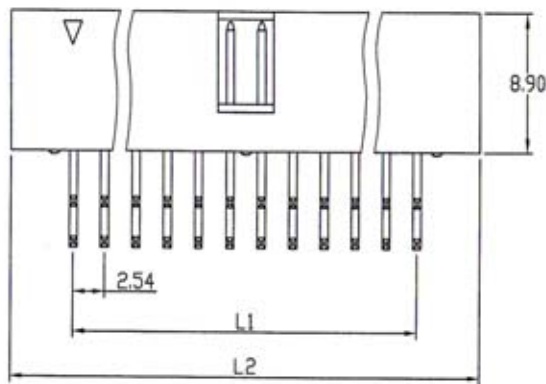
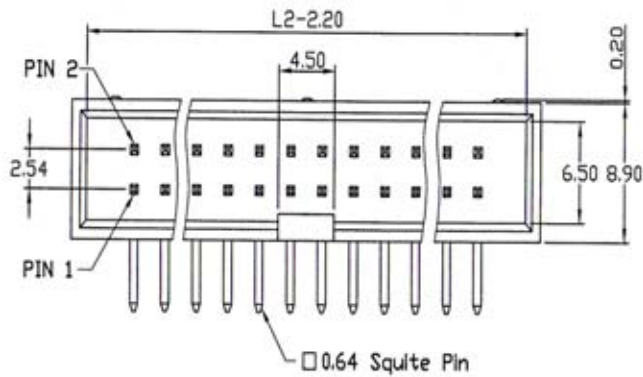
ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{xx}{34}$ / $\frac{xx}{5}$

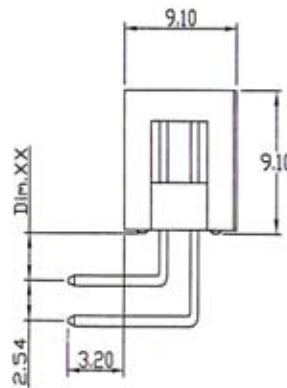
- CONNECTOR TYPE:
 "BC" OPTIONAL TYPE
 "BJ" STANDARD TYPE, xx=1.84MM
- NO. OF CONTACTS:
 006, 008, 010, 012, 014, 016, 020, 024, 026,
 030, 034, 040, 050, 060, 064
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

- INSULATOR COLOR:
 "B" BLACK(STANDARD)
 "A" GRAY
 "U" BLUE
 "W" WHITE
- INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T

2.54MM(0.100") BOX HEADER RIGHT ANGLE TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T or Nylon-6T

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

ORDERING INFORMATION:

CODE: 2 6 8 2 D 6 - $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ $\frac{B}{4}$ / $\frac{XX}{5}$

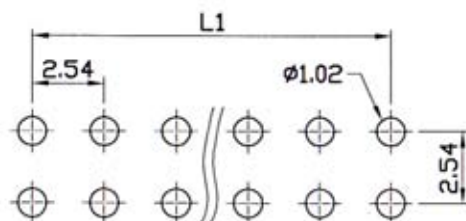
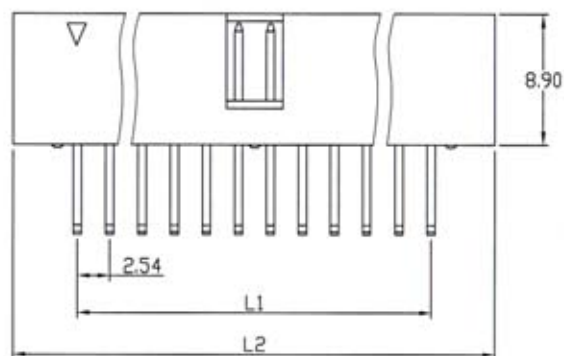
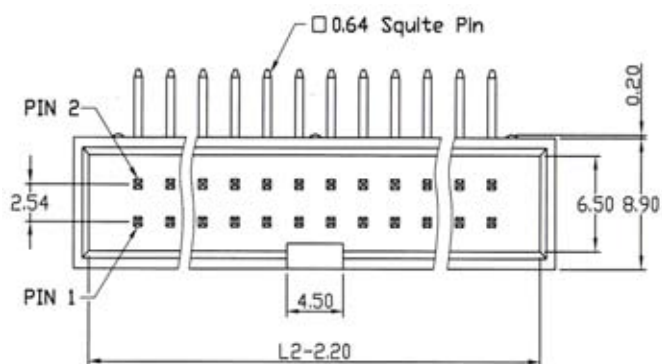
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{XX}{YY}$ $\frac{XXX}{MM}$ $\frac{XX}{DD}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ $\frac{B}{4}$

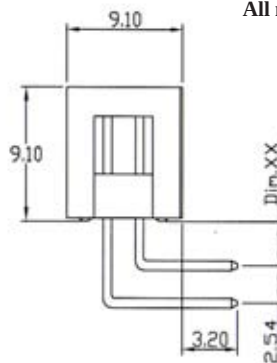
1. DIMENSION XX (UNIT: mm)
2. NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 050, 060, 064
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK (STANDARD)

5. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") BOX HEADER RIGHT ANGLE TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
 All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

ORDERING INFORMATION:

CODE: 2 6 8 2 R 6 - $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ $\frac{B}{4}$ / $\frac{XX}{5}$

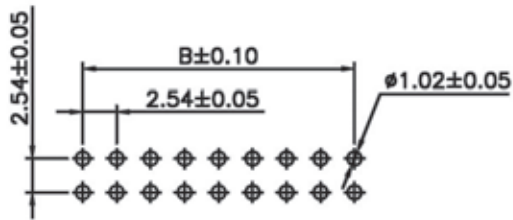
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{XX}{YY}$ $\frac{XXX}{MM}$ $\frac{XX}{DD}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ $\frac{B}{4}$

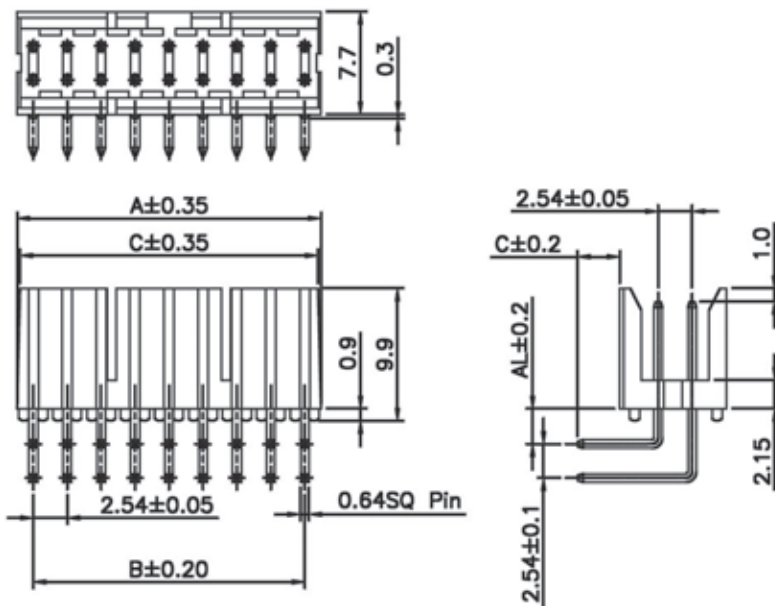
1. DIMENSION XX (UNIT: mm)
2. NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 050, 060, 064
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK (STANDARD)

5. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") BOX HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 250V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
18	22.86	20.32	22.39
20	25.40	22.86	24.92

ORDERING INFORMATION:

P/N 25 K75 - x₁ x₂ x₃ B - x₄

- CONTACT TYPE:
"K75" RIGHT ANGLE TYPE
- NO. OF CONTACTS:
018, 020
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

- PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL
"F" WITH FILM IN TUBE
"G" WITH FILM IN TAPE & REEL
"R" W/O PAD IN TAPE & REEL

2.54MM(0.100") BOX HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE

SPECIFICATIONS

Rating Current: 3 Amperes Max

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 1000V AC

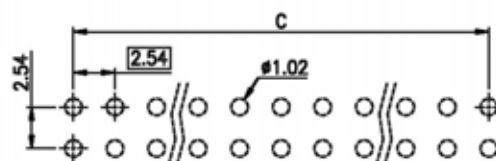
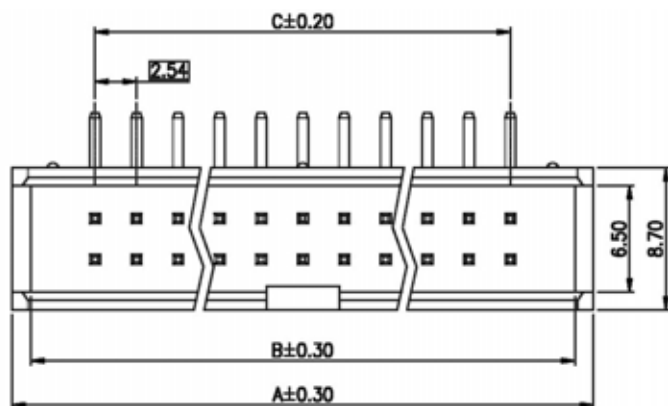
Operating Temperature: -55°C to +105°C

MATERIALS

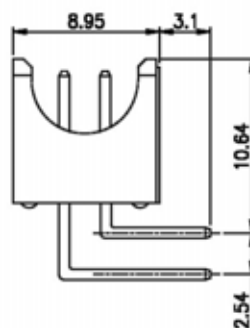
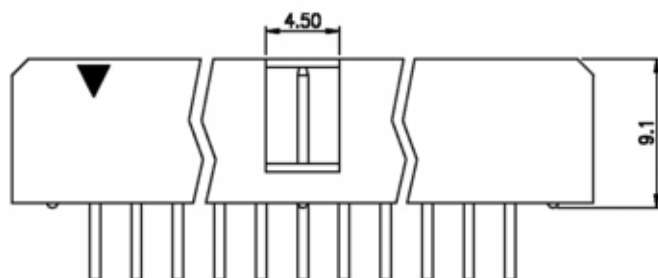
Housing: PBT (UL 94V-0), Black

Terminal: Sq. 0.64mm Copper Alloy, Gold Plating

* RoHS & REACH compliant.



Recommended P.C.Board Layout



Dimensions			
Pos.	A	B	C
26	40.64	38.24	30.48
34	50.80	48.40	40.64
40	58.42	56.12	48.26

ORDERING INFORMATION:

P/N 25H56 - $\frac{x \times x \times G}{1 \quad 2 \quad 3}$

1. NO. OF CONTACTS:

026, 034, 040

2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. HOUSING COLOR:

"B" BLACK (26, 34, 40 PINS)

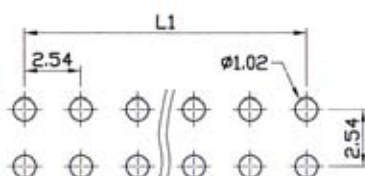
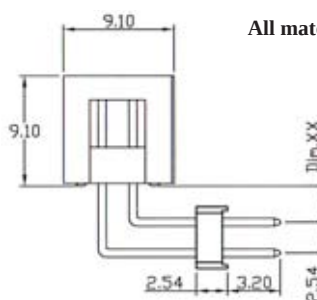
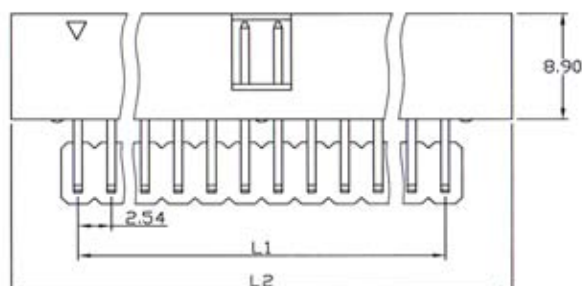
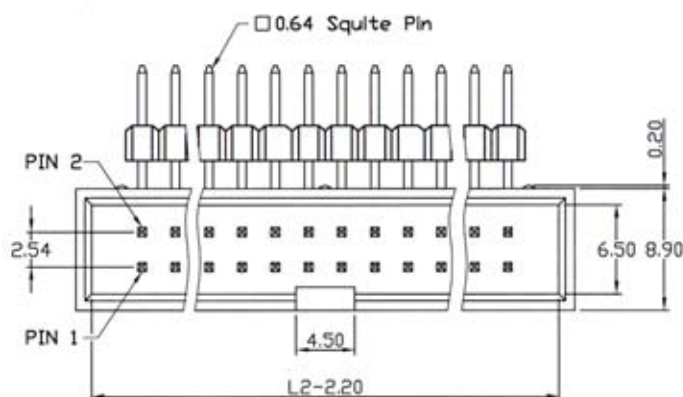
"R" RED (40 PINS)

"U" BLUE (40 PINS)

"W" WHITE (40 PINS)

"Y" YELLOW (40 PINS)

2.54MM(0.100") BOX HEADER RIGHT ANGLE TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T or Nylon-6T

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

ORDERING INFORMATION:

P/N 25 H_{xx} - x_{xx} B / x_x
1 2 3 4

1. ELEVATED HEIGHT:

"H07" xx=1.00MM

"H08" xx=1.50MM

THE OTHER HEIGHTS UPON REQUEST!

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024,

026, 030, 034, 040, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

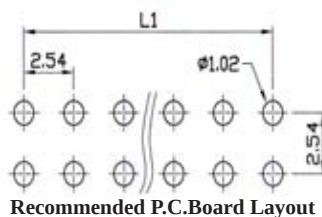
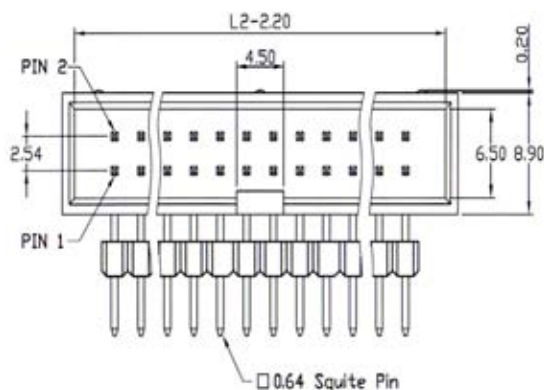
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T or LCP

2.54MM(0.100") BOX HEADER RIGHT ANGLE TYPE

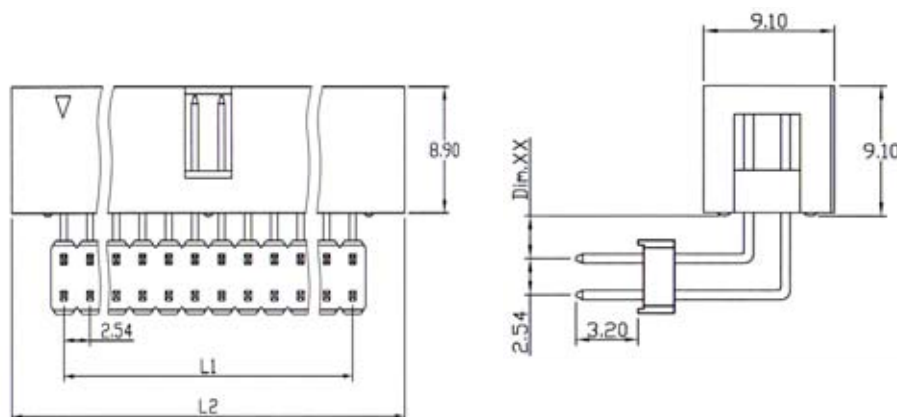


SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

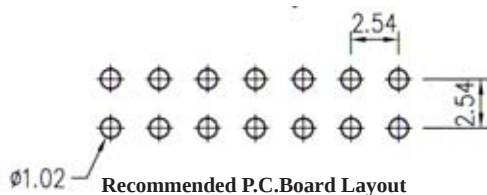
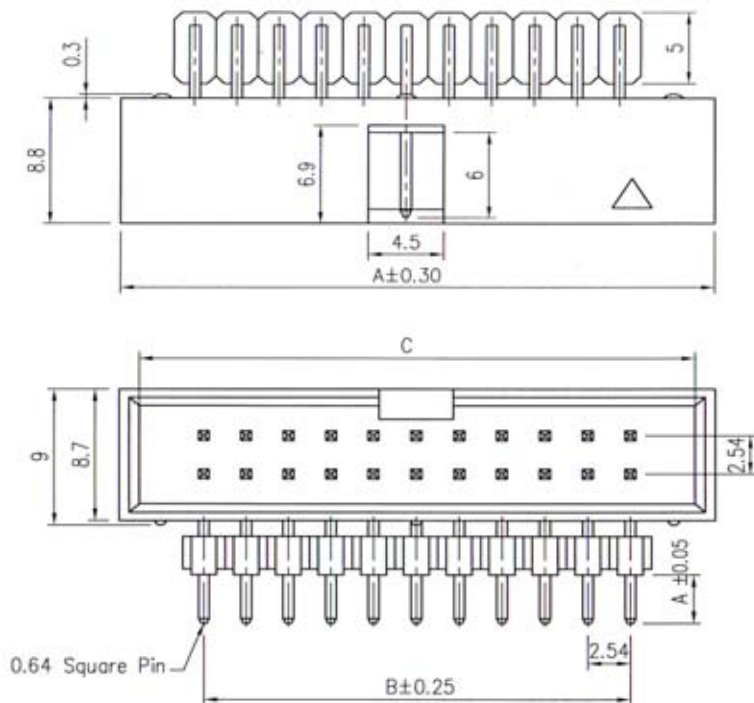
ORDERING INFORMATION:

P/N 25 Hxx - xxxx B / xx
 1 2 3 4

- ELEVATED HEIGHT:
 "H09" xx=1.00MM
 "H10" xx=1.50MM
 THE OTHER HEIGHTS UPON REQUEST!
- NO. OF CONTACTS:
 006, 008, 010, 012, 014, 016, 020, 024,
 026, 030, 034, 040, 050, 060, 064
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

- INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T or LCP

2.54MM(0.100") ELEVATED RIGHT ANGLE BOX HEADER



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

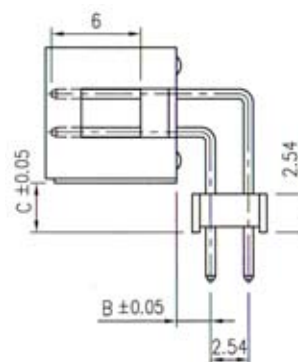
Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T or Nylon-6T

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)		
	A	B	C
10	20.32	17.92	10.16
14	25.40	23.00	15.24
16	27.94	25.54	17.78
20	33.02	30.62	22.86
24	38.10	35.70	27.94
26	40.64	38.24	30.48
30	45.72	43.32	35.56
34	50.80	48.40	40.64
40	58.42	56.02	48.26
50	71.12	68.72	60.96
60	83.82	81.42	73.66
64	88.90	86.50	78.74

ORDERING INFORMATION:

CODE: 2 6 6 2 L 2 - $\frac{A/B/C}{1}$ - $\frac{x x x x}{2}$ B / $\frac{x x}{4}$

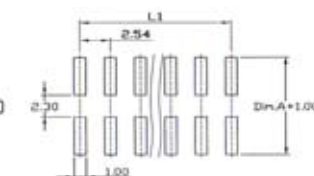
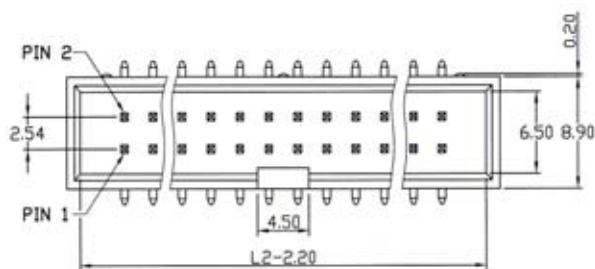
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

$$\mathbf{P/N} \quad \mathbf{P} \frac{\mathbf{x\,x}}{\mathbf{Y\,Y}} \frac{\mathbf{x\,x}}{\mathbf{M\,M}} \frac{\mathbf{x\,x}}{\mathbf{D\,D}} \mathbf{x} - \frac{\mathbf{x\,x\,x}}{2} \frac{\mathbf{x}}{3} \mathbf{B}$$

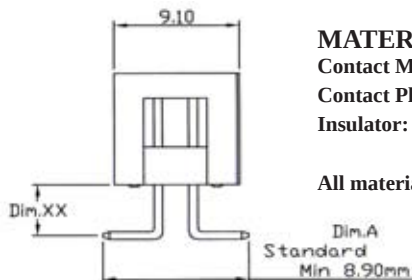
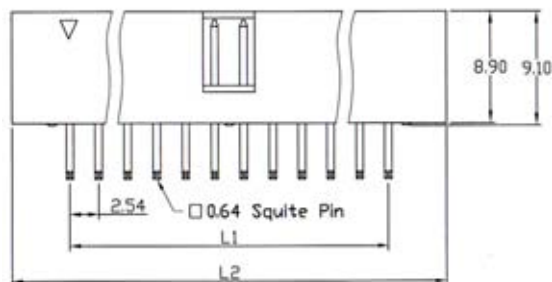
1. DIMENSION A/B/C (UNIT: mm)
2. NO. OF CONTACTS:
010, 014, 016, 020, 024, 026, 030, 034, 040,
050, 060, 064
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON

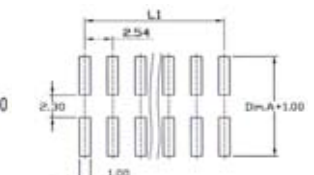
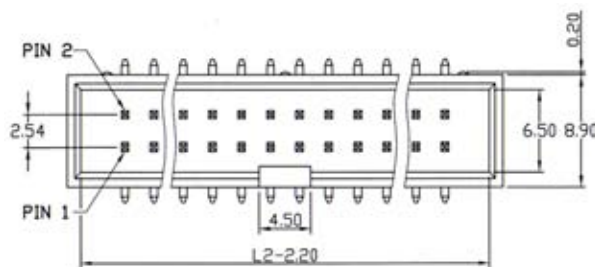
2.54MM(0.100") BOX HEADER SMT TYPE



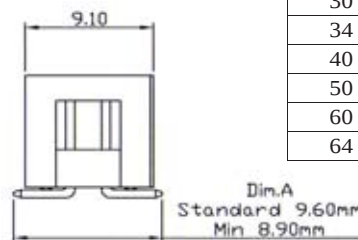
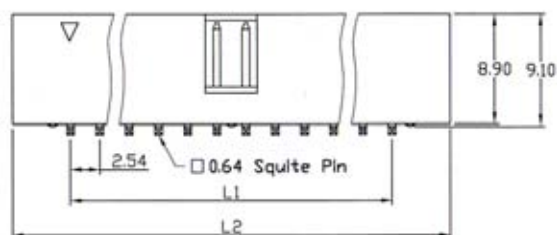
Recommended P.C.Board Layout



254BS, 254CN



Recommended P.C.Board Layout



254CV

SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T
All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ $\frac{B}{4}$ - $\frac{x}{5}$

1. CONNECTOR TYPE:

"BS" A=11.1mm, xx=1.1mm
 "BD" A=10.2mm, xx=1.3mm
 "CN" A=9.6mm, xx=1.5mm
 "CV" A=9.6mm

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024, 026,
 030, 034, 040, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

4. INSULATOR COLOR:

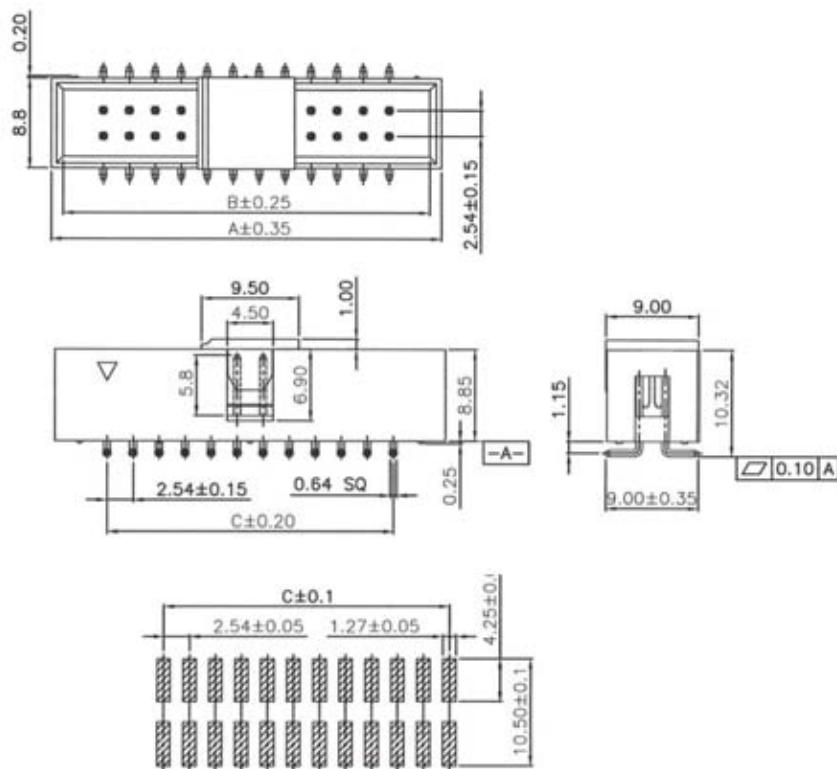
"B" BLACK(STANDARD)
 "A" GRAY

5. PAD & PACKAGE OPTION:

"0" BULK PACKAGE
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") BOX HEADER DOUBLE ROW SMT TYPE PROFILE=8.85MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 100V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -25°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
06	15.24	12.94	5.08
08	17.78	15.48	7.62
10	20.32	18.02	10.16
12	22.86	20.56	12.70
14	25.40	23.10	15.24
16	27.94	25.64	17.78
20	33.02	30.72	22.86
24	38.10	35.80	27.94
26	40.64	38.34	30.48
28	43.18	40.88	33.02
30	45.72	43.42	35.56
32	48.26	45.96	38.10
34	50.80	48.50	40.64
40	58.42	56.12	48.26
44	63.50	61.20	53.34
50	71.12	68.82	60.96
60	83.82	81.52	73.66
64	88.90	86.60	78.74

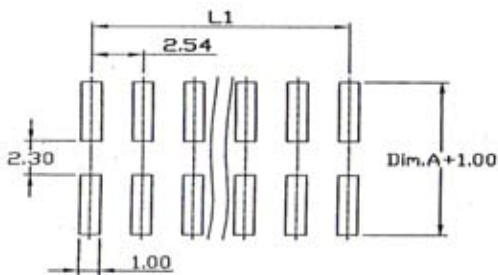
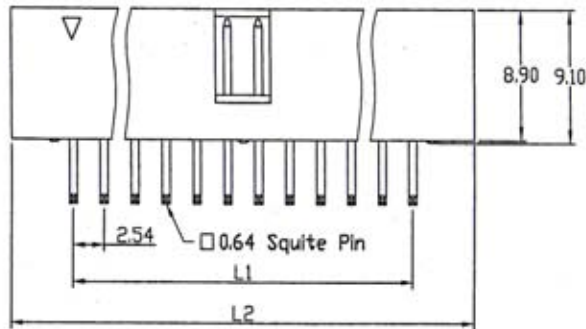
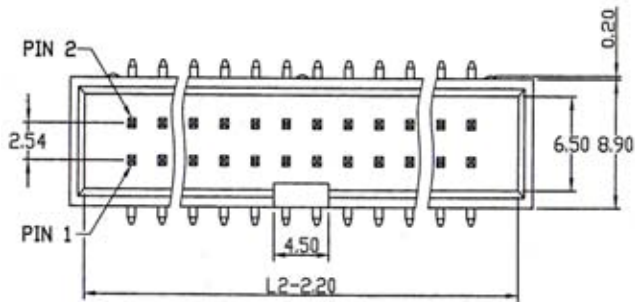
ORDERING INFORMATION:

P/N 2 5 4 B F - x x x x B - x
1 2 3 4

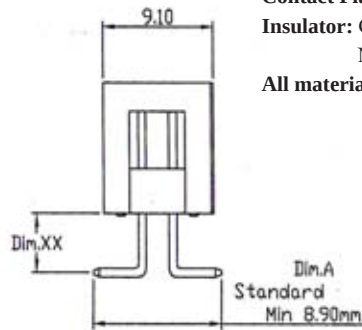
- CONTACT TYPE:
"BF" SMT TYPE
- NO. OF CONTACTS:
006 ~ 064
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
- PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") ELEVATED BOX HEADER



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

ORDERING INFORMATION:

CODE: 2 6 8 2 M 1 - $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{B}{34}$ - $\frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

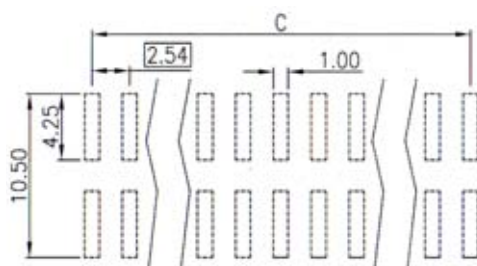
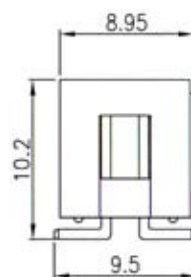
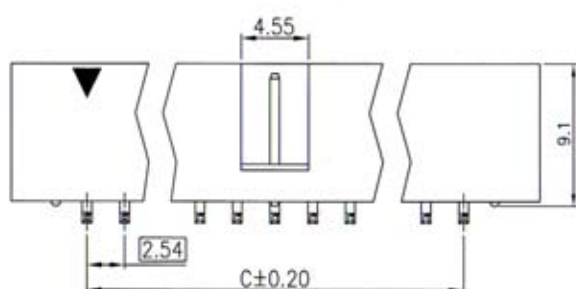
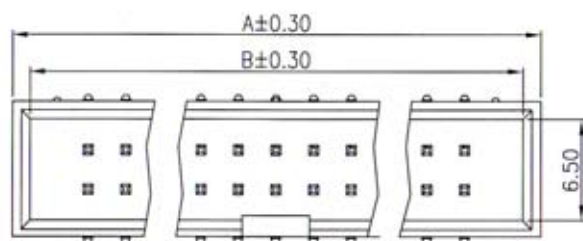
P/N P $\frac{xx}{yy}$ $\frac{xxx}{mm}$ $\frac{xxx}{dd}$ - $\frac{xxx}{2}$ $\frac{B}{34}$

1. DIMENSION xx (UNIT: mm) (A= 9.60mm)
2. NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024, 026,
030, 034, 040, 050, 060, 064
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK (STANDARD)

5. PAD & PACKAGE OPTION:
"0" BULK PACKAGE
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") BOX HEADER SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon 6T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
06	15.24	12.94	5.08
08	17.78	15.48	7.65
10	20.32	17.92	10.16
12	22.86	20.56	12.70
14	25.40	23.10	15.24
16	27.94	25.54	17.78
20	33.02	30.62	22.86
24	38.10	35.70	27.94
26	40.64	38.24	30.48
30	45.72	43.32	35.56
34	50.80	48.40	40.64
40	58.42	56.02	48.26
44	63.50	61.20	53.34
50	71.12	68.72	60.96

ORDERING INFORMATION:

P/N 2 5 C 9 1 - $\frac{x}{1} \frac{x}{2} \frac{x}{3} B - \frac{x}{3}$

1. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 044, 050, 060, 064

2. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

3. PAD & PACKAGE OPTION:

"0" IN TRAY

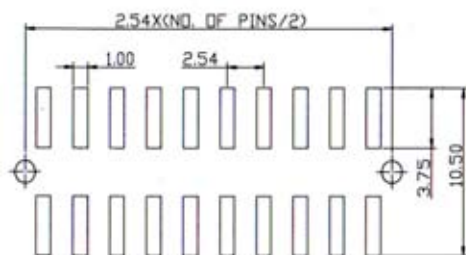
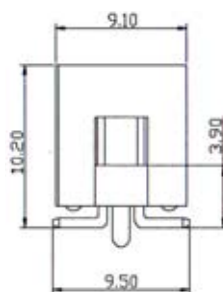
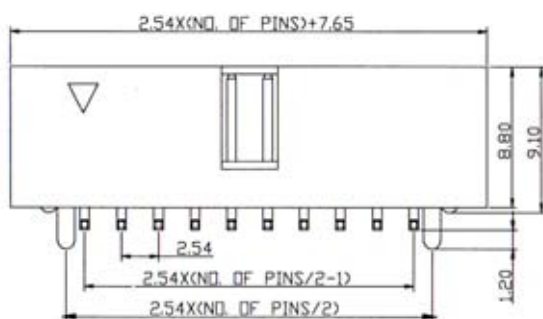
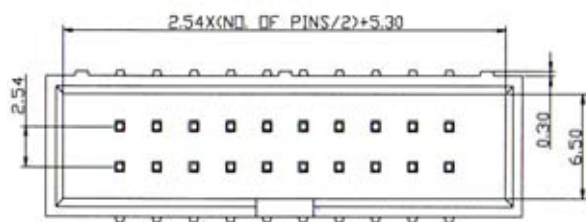
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") BOX HEADER SMT TYPE WITH LOCATING PEGS



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon 6T, UL94V-0

Contact Material: Copper Alloy

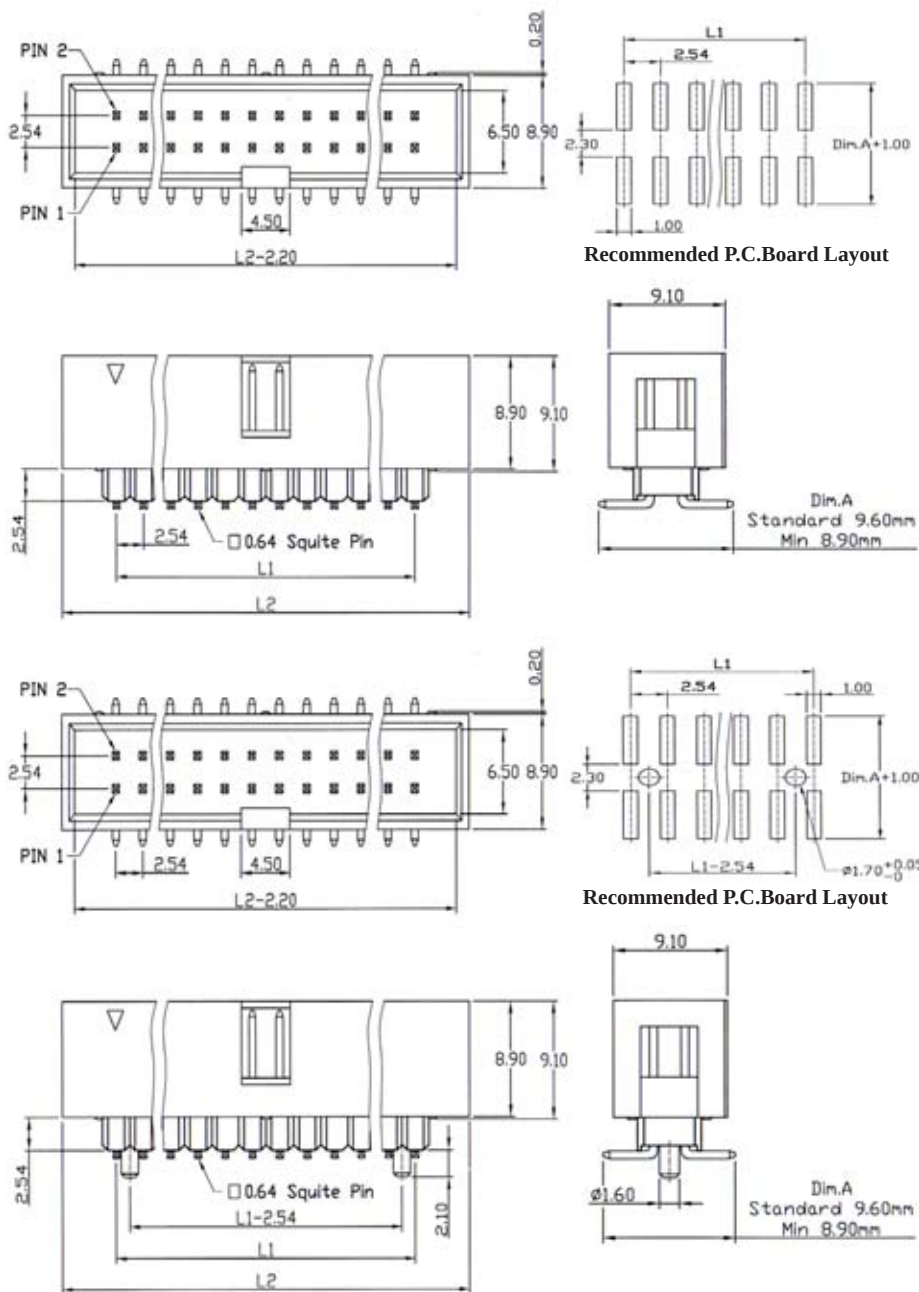
All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 C 9 4 - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4}$

1. NO. OF CONTACTS:
020, 026, 030, 034, 040, 050, 060
2. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
3. INSULATOR COLOR:
"B" BLACK (STANDARD)
"W" WHITE
4. PACKAGE OPTION:
"0" BULK PACKAGE
"T" W/O PAD IN TUBE

2.54MM(0.100") BOX HEADER SMT TYPE



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

ORDERING INFORMATION:

P/N 2 5 H x x - x x x x B - x

1. LOCATING PEG OPTION:

"H01" A=9.60MM W/O LOCATING PEG

"H02" A=9.60MM WITH LOCATING PEG

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

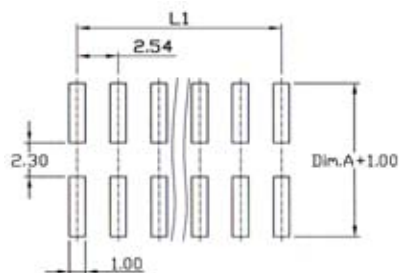
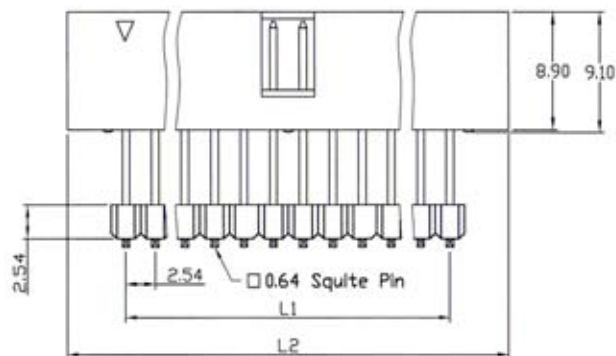
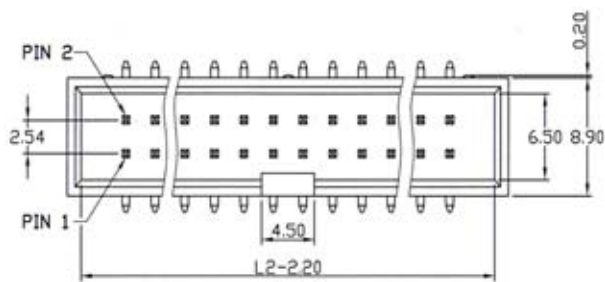
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

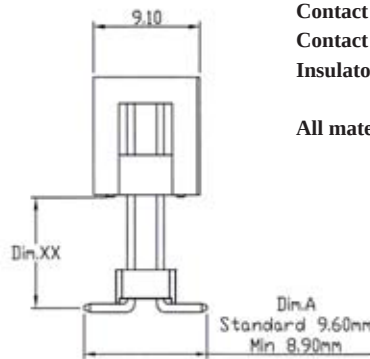
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") ELEVATED BOX HEADER SMT TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

ORDERING INFORMATION:

CODE: 2 6 8 2 M 4 - $\frac{XX}{1}A - \frac{XXX}{2} \frac{X}{3} \frac{B}{4} - \frac{X}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

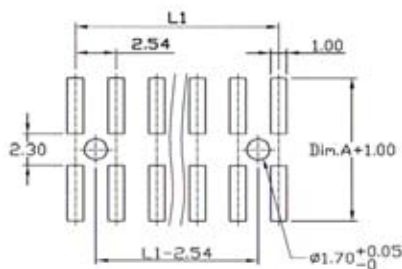
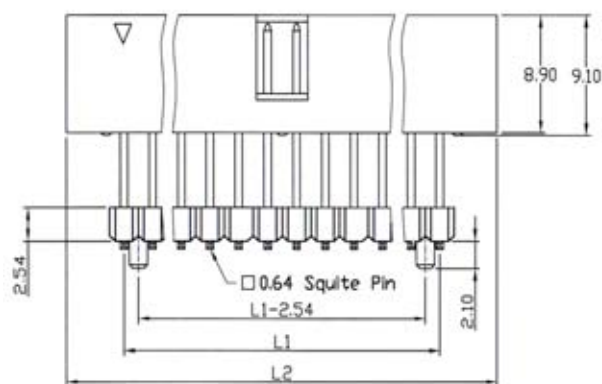
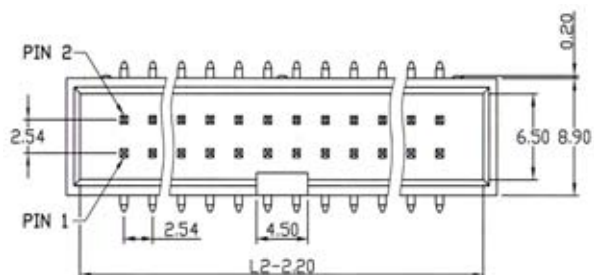
P/N P $\frac{XX}{YY} \frac{XX}{MM} \frac{XX}{DD} X - \frac{XXX}{2} \frac{X}{3} \frac{B}{4}$

1. DIMENSION XX/A (UNIT: mm)
2. NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 050, 060, 064
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK (STANDARD)

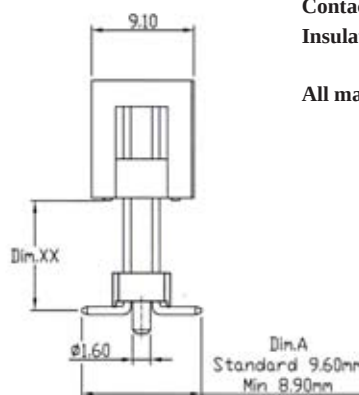
5. PAD & PACKAGE OPTION:
"0" BULK PACKAGE
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") ELEVATED BOX HEADER SMT TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

Nylon-6T

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	5.08	15.24
08	7.62	17.78
10	10.16	20.32
12	12.70	22.86
14	15.24	25.40
16	17.78	27.94
20	22.86	33.02
24	27.94	38.10
26	30.48	40.64
30	35.56	45.72
34	40.64	50.80
40	48.26	58.42
50	60.96	71.12
60	73.66	83.82
64	78.74	88.90

ORDERING INFORMATION:

CODE: 2 6 8 2 M 7 - $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$ $\frac{B}{5}$ - $\frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

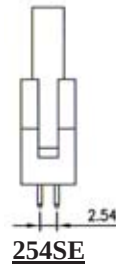
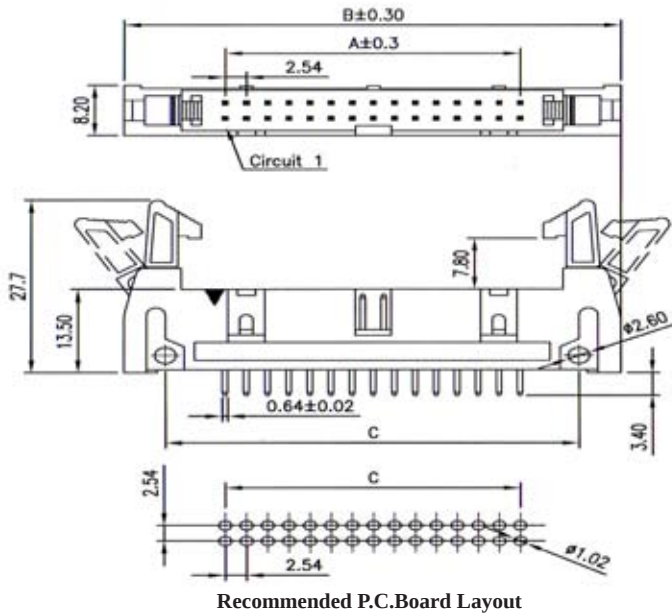
P/N P $\frac{xx}{YY}$ $\frac{xx}{MM}$ $\frac{xx}{DD}$ - $\frac{xxx}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$ $\frac{B}{5}$

1. DIMENSION xx (UNIT: mm) (A= 9.60mm)
2. NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024, 026,
030, 034, 040, 050, 060, 064
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK (STANDARD)

5. PAD & PACKAGE OPTION:
"0" BULK PACKAGE
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") SHROUDED HEADER WITH LONG LEVERS

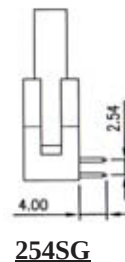
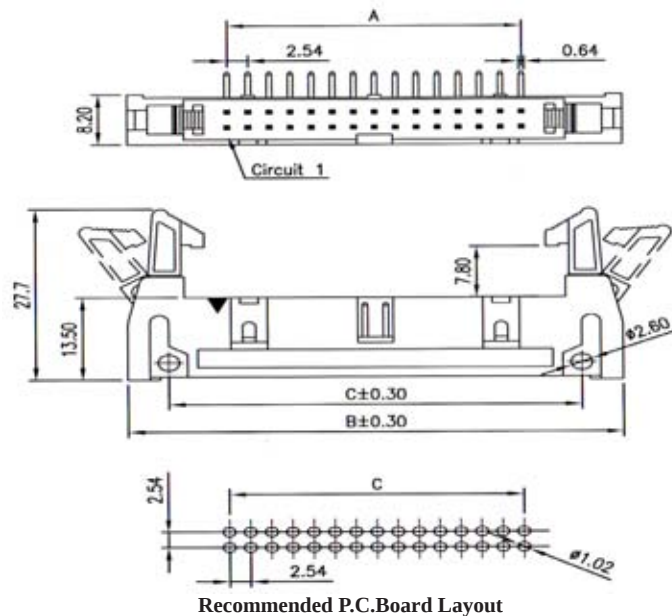


SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)		
	A	B	C
10	10.16	32.00	21.84
14	15.24	37.08	26.92
16	17.78	39.62	29.46
20	22.86	44.70	35.54
24	27.94	49.78	39.62
26	30.48	52.32	42.16
30	35.56	57.40	47.24
34	40.64	62.48	52.32
40	48.26	70.10	59.94
50	60.96	82.80	72.64
60	73.66	95.50	85.34
64	78.74	100.58	90.42

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{xx}{3}$ $\frac{x}{4}$ / $\frac{xx}{5}$

1. TERMINAL TYPE:

"SE" STRAIGHT TYPE WITH LONG LEVERS
 "SG" R/A TYPE WITH LONG LEVERS
 "SA" STRAIGHT TYPE W/O LEVERS
 "SB" R/A TYPE W/O LEVERS
 "SC" LONG LEVER ONLY

2. NO. OF CONTACTS:

010, 012, 014, 016, 020, 024, 026, 030,
 034, 040, 044, 050, 060, 064
 001 (FOR LEVER ONLY)

3. CONTACT FINISH:

"G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED
 "L" LEVER

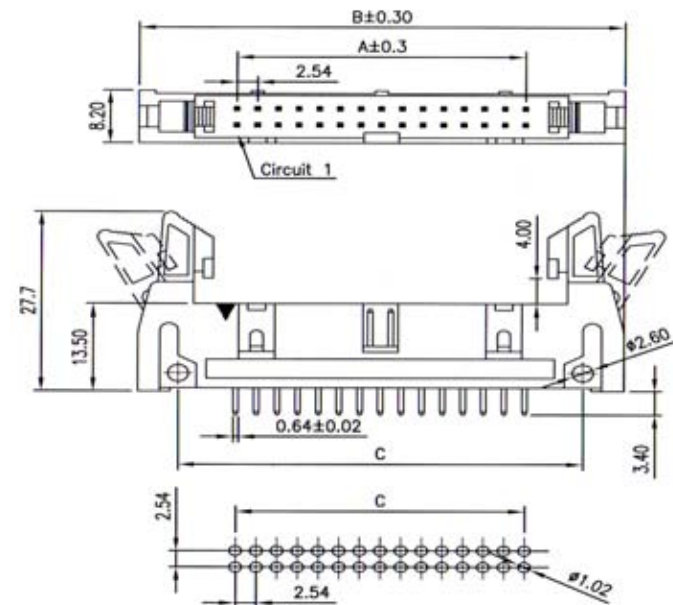
4. HOUSING COLOR:

"B" BLACK (STANDARD)
 "A" GRAY (OPTIONAL)

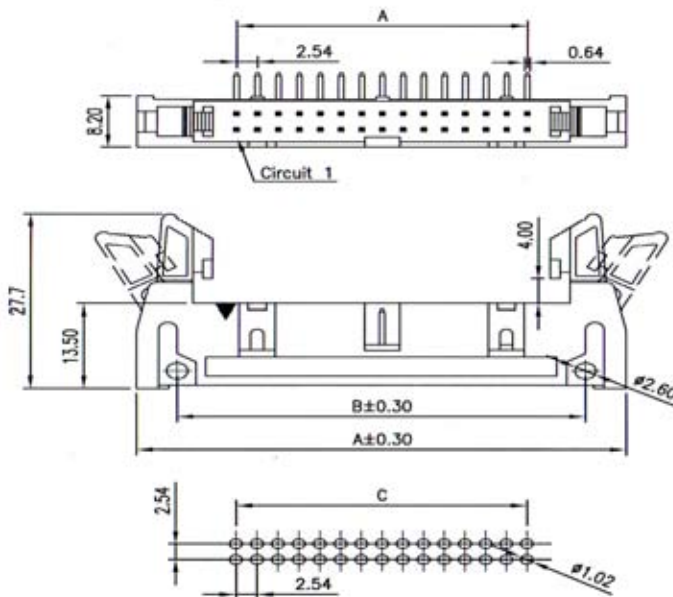
5. INSULATOR MATERIAL:

" " PBT
 "6T" NYLON 6T

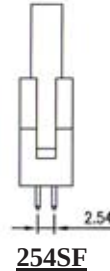
2.54MM(0.100") SHROUDED HEADER WITH SHORT LEVERS



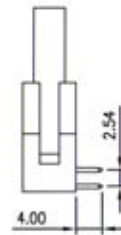
Recommended P.C.Board Layout



Recommended P.C.Board Layout



254SF



254SH

SPECIFICATIONS

Current Rating: 3 Amperes
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T or Nylon-6T
All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
10	10.16	32.00	21.84
14	15.24	37.08	26.92
16	17.78	39.62	29.46
20	22.86	44.70	35.54
24	27.94	49.78	39.62
26	30.48	52.32	42.16
30	35.56	57.40	47.24
34	40.64	62.48	52.32
40	48.26	70.10	59.94
50	60.96	82.80	72.64
60	73.66	95.50	85.34
64	78.74	100.58	90.42

ORDERING INFORMATION:

P/N 2 5 4 x x - x x x x
 1 2 3 4

1. TERMINAL TYPE:

"SF" STRAIGHT TYPE WITH SHORT LEVERS
 "SH" R/A TYPE WITH SHORT LEVERS
 "SA" STRAIGHT TYPE W/O LEVERS
 "SB" R/A TYPE W/O LEVERS
 "SD" SHORT LEVER ONLY

2. NO. OF CONTACTS:

010, 012, 014, 016, 020, 024, 026, 030,
 034, 040, 044, 050, 060, 064
 001 (FOR LEVER ONLY)

3. CONTACT FINISH:

"G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED
 "L" LEVER

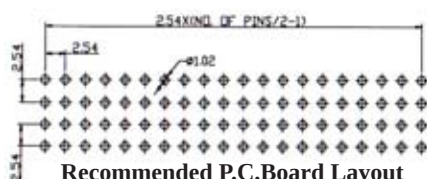
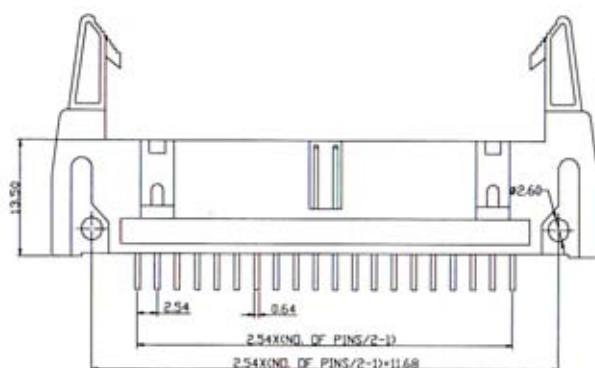
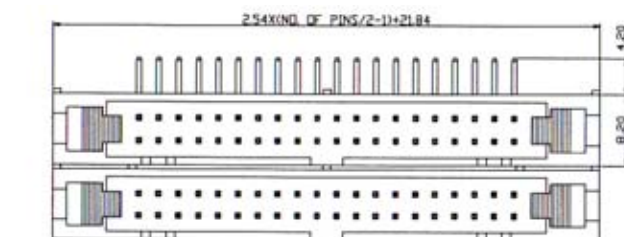
4. HOUSING COLOR:

"B" BLACK (STANDARD)
 "A" GRAY (OPTIONAL)

5. INSULATOR MATERIAL:

" " PBT
 "6T" NYLON 6T

2.54MM(0.100") DUAL PORT SHROUDED HEADER



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

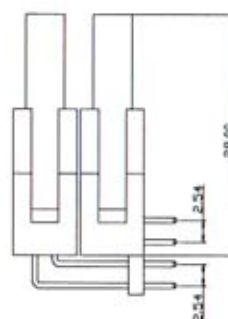
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 H 1 8 - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4}$

1. NO. OF CONTACTS:

040(2x20), 052(2x26), 060(2x30), 068(2x34),
080(2x40), 100(2x50), 120(2x60)

2. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

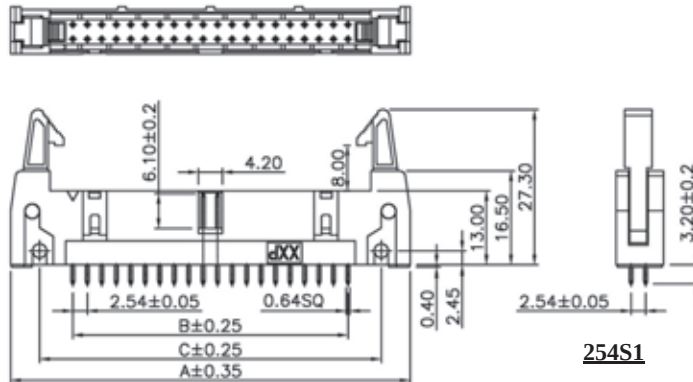
"T" FULL TIN PLATED

3. INSULATOR COLOR:

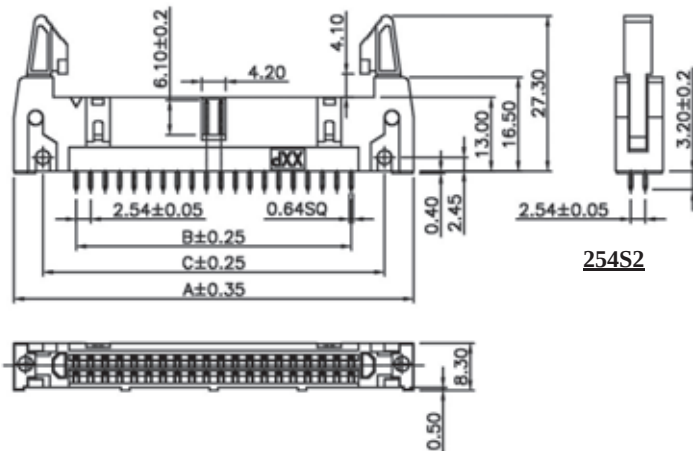
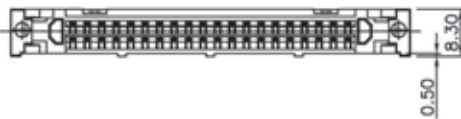
"B" BLACK (STANDARD)

"W" WHITE

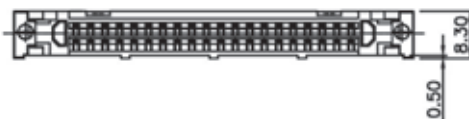
2.54MM(0.100") SHROUDED HEADER DOUBLE ROW STRAIGHT TYPE



254S1



254S2



SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 250V AC, DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

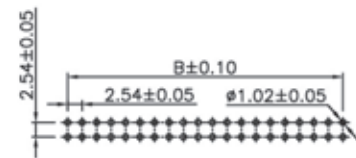
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
08	29.46	7.62	19.30
10	32.00	10.16	21.84
14	37.08	15.24	26.92
16	39.62	17.78	29.46
20	44.70	22.86	34.54
24	49.78	27.94	39.62
26	52.32	30.48	42.16
30	57.40	35.56	47.24
34	62.48	40.64	52.32
40	70.10	48.26	59.94
50	82.80	60.96	72.64
60	95.50	73.66	85.34
64	100.58	78.74	90.42

ORDERING INFORMATION:

P/N 2 5 4 XX - XXX X B XX - X
1 2 3 4 5

1. LATCH TYPE:

"S1" LONG LATCHES

"S2" SHORT LATCHES

2. NO. OF CONTACTS:

008, 010, 014, 016, 020, 024, 026,
030, 034, 040, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON-6T

4. PAD & PACKAGE OPTION:

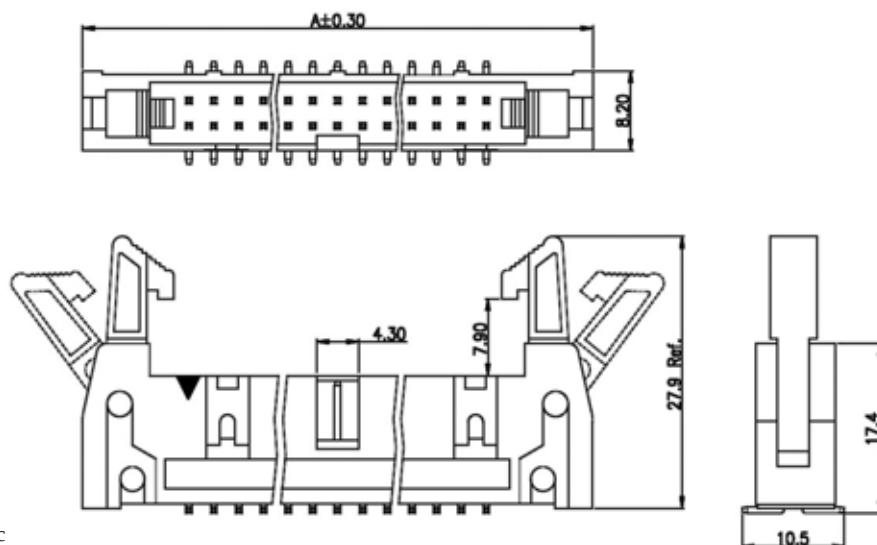
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") SHROUDED HEADER DOUBLE ROW SMT TYPE WITH LONG EJECTORS



SPECIFICATIONS

Rating Current: 3 Amperes Max

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 1000V AC

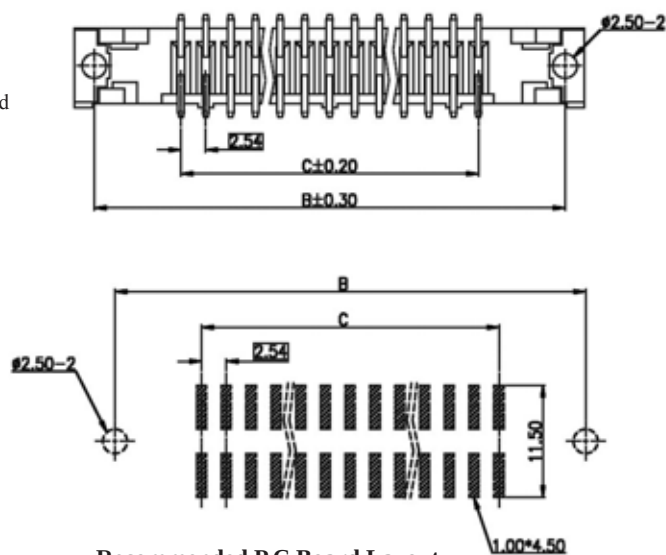
Operating Temperature: -55°C to +105°C

MATERIALS

Housing: Nylon-6T (UL 94V-0), Black

Terminal: Sq. 0.64mm Copper Alloy, Gold Plating

* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimensions			
Pos.	A	B	C
010	32.00	27.94	10.16
014	37.08	33.02	15.24
016	39.62	35.56	17.78
020	44.70	40.64	22.86
026	52.32	48.26	30.48
034	62.48	58.42	40.64
040	70.10	66.04	48.26
050	82.80	78.74	60.96

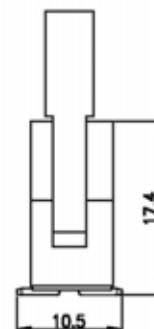
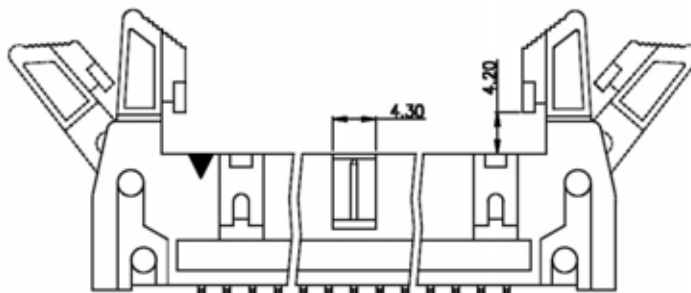
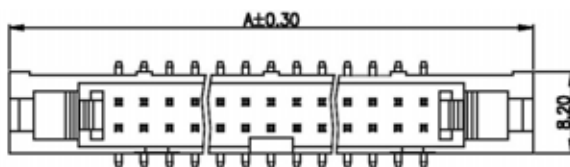
ORDERING INFORMATION:

P/N 25 H59 - x x x G B - T
1 2 3 4

- EJECTOR TYPE:
"H59" WITH LONG EJECTORS
- NO. OF CONTACTS:
010, 014, 016, 020, 026, 034, 040, 050
- CONTACT FINISH:
"G" FULL GOLD PLATED
- PACKAGE TYPE:
"T" IN TUBE

NOTE: P/N 25H59 WITH LONG EJECTORS
P/N 25H60 WITH SHORT EJECTORS

2.54MM(0.100") SHROUDED HEADER DOUBLE ROW SMT TYPE WITH SHORT EJECTORS



SPECIFICATIONS

Rating Current: 3 Amperes Max

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 1000V AC

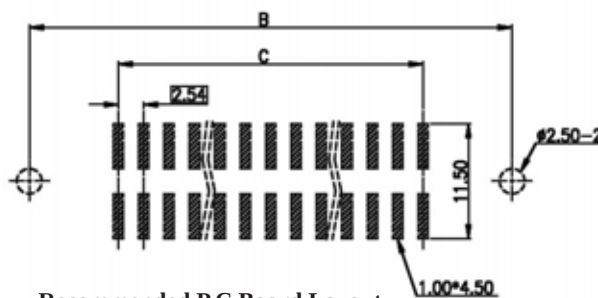
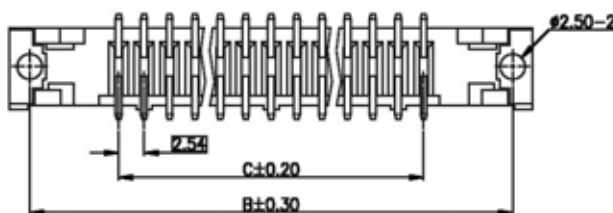
Operating Temperature: -55°C to +105°C

MATERIALS

Housing: Nylon-6T (UL 94V-0), Black

Terminal: Sq. 0.64mm Copper Alloy, Gold Plating

* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimensions			
Pos.	A	B	C
010	32.00	27.94	10.16
014	37.08	33.02	15.24
016	39.62	35.56	17.78
020	44.70	40.64	22.86
026	52.32	48.26	30.48
034	62.48	58.42	40.64
040	70.10	66.04	48.26
050	82.80	78.74	60.96

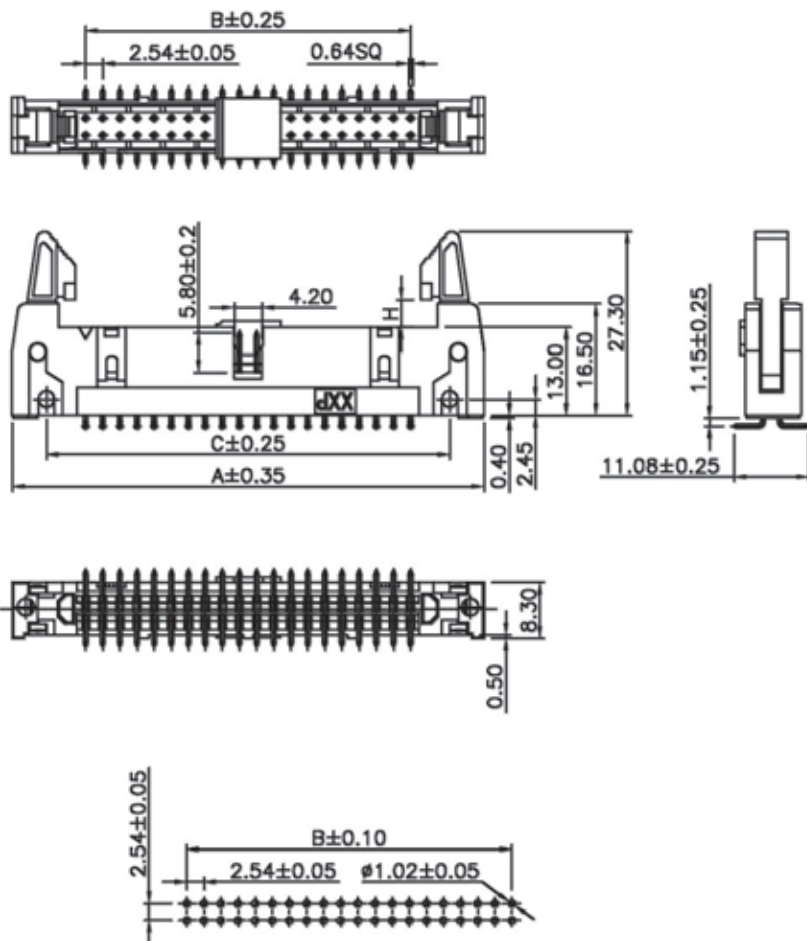
ORDERING INFORMATION:

P/N 2 5 H60 - x x x G B - T
1 2 3 4

1. EJECTOR TYPE:
"H60" WITH SHORT EJECTORS
2. NO. OF CONTACTS:
010, 014, 016, 020, 026, 034, 040, 050
3. CONTACT FINISH:
"G" FULL GOLD PLATED
4. PACKAGE TYPE:
"T" IN TUBE

NOTE: P/N 25H60 WITH SHORT EJECTORS
P/N 25H59 WITH LONG EJECTORS

2.54MM(0.100") SHROUDED HEADER DOUBLE ROW SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 250V AC, DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
10	32.00	10.16	21.84
14	37.08	15.24	26.92
16	39.62	17.78	29.46
20	44.70	22.86	34.54
24	49.78	27.94	39.62
26	52.32	30.48	42.16
30	57.40	35.56	47.24
34	62.48	40.64	52.32
40	70.10	48.26	59.94
50	82.80	60.96	72.64
60	95.50	73.66	85.34
64	100.58	78.74	90.42

ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B - $\frac{X}{4}$

1. LATCH TYPE:

"LU" LONG LATCHES H=8.0MM

"SJ" SHORT LATCHES H=4.1MM

2. NO. OF CONTACTS:

010, 014, 016, 020, 024, 026,

030, 034, 040, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

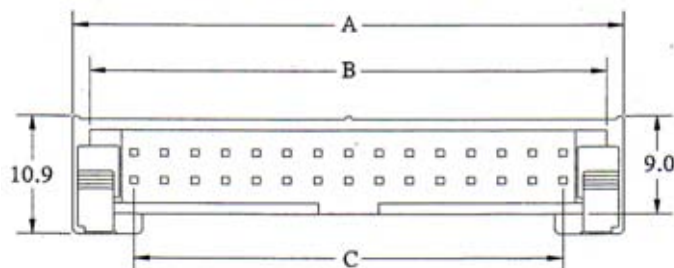
4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"0" IN TRAY

2.54MM(0.100") SHRUNK SHROUDED HEADER STRAIGHT TYPE



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

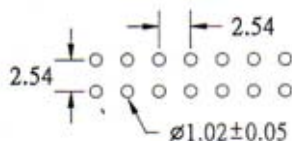
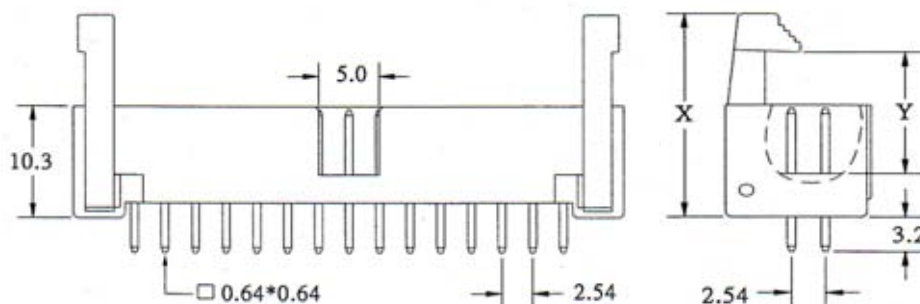
Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ACCESSORIES	X	Y
LONG LATCH	22.1	14.6
SHORT LATCH	18.7	10.6

No. of Contacts	Dimensions(mm)		
	A	B	C
10	20.36	17.50	10.16
12	22.90	20.04	12.70
14	25.44	22.58	15.24
16	27.98	25.12	17.78
20	33.06	30.20	22.86
24	38.14	35.28	27.94
26	40.68	37.82	30.48
30	45.76	42.90	35.56
34	50.84	47.98	40.64
40	58.46	55.60	48.26
50	71.16	68.30	60.96
60	83.86	81.00	73.66
64	88.94	86.08	78.74

ORDERING INFORMATION:

P/N 2 5 E x x - x x x x B
1 2 3

1. LATCH TYPE:

"E97" LONG LATCH

"E98" SHORT LATCH

2. NO. OF CONTACTS:

010, 012, 014, 016, 020, 024, 026, 030,

034, 040, 050, 060, 064

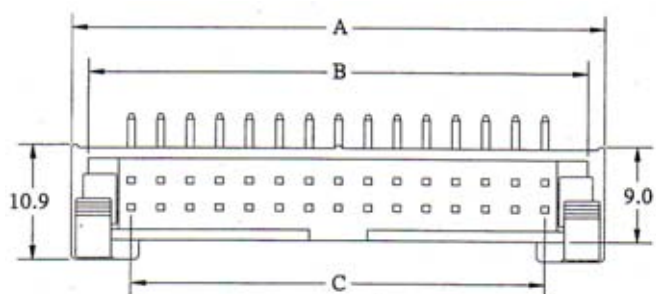
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") SHRUNK SHROUDED HEADER RIGHT ANGLE TYPE



SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

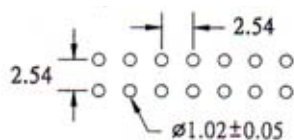
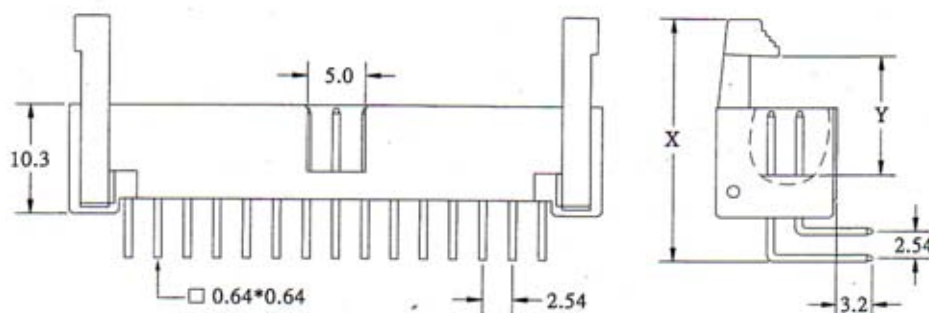
MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)		
	A	B	C
10	20.36	17.50	10.16
12	22.90	20.04	12.70
14	25.44	22.58	15.24
16	27.98	25.12	17.78
20	33.06	30.20	22.86
24	38.14	35.28	27.94
26	40.68	37.82	30.48
30	45.76	42.90	35.56
34	50.84	47.98	40.64
40	58.46	55.60	48.26
50	71.16	68.30	60.96
60	83.86	81.00	73.66
64	88.94	86.08	78.74

ACCESSORIES	X	Y
LONG LATCH	26.3	14.6
SHORT LATCH	22.9	10.6

ORDERING INFORMATION:

P/N 2 5 D x x - x x x x B
 1 2 3

1. LATCH TYPE:

"D93" LONG LATCH

"D94" SHORT LATCH

2. NO. OF CONTACTS:

010, 012, 014, 016, 020, 024, 026, 030,

034, 040, 050, 060, 064

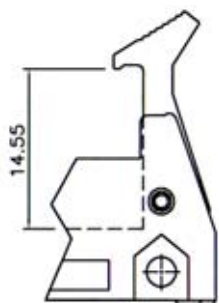
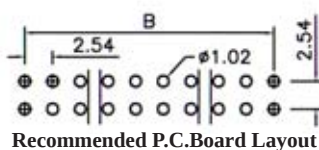
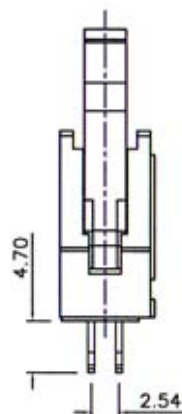
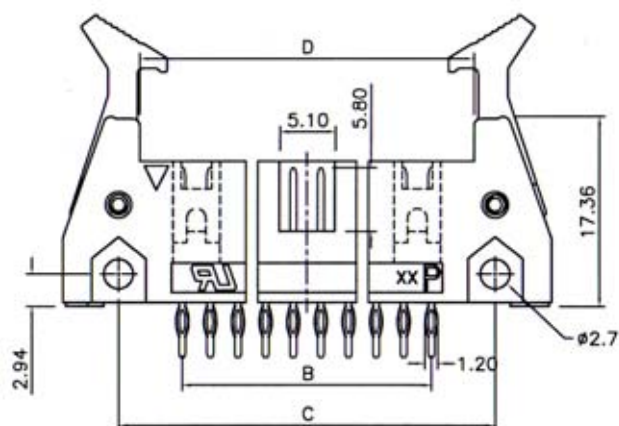
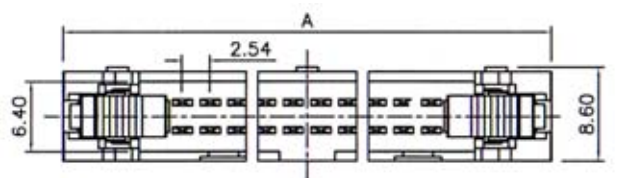
3. CONTACT FINISH:

"G" FULL GOLD PLATED

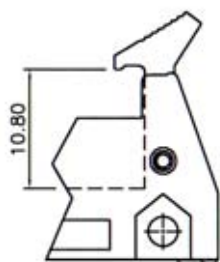
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") SHROUDED HEADER PRESS FIT TYPE



LONG LEVER



SHORT LEVER

SPECIFICATIONS

Current Rating: 3 Amperes

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)			
	A	B	C	D
10	31.88	10.16	21.84	17.96
14	37.02	15.24	26.92	23.04
16	39.52	17.78	29.64	25.58
20	44.74	22.86	34.54	30.66
26	52.20	30.48	42.16	38.28
30	57.28	35.56	47.24	43.36
34	62.40	40.64	52.32	48.44
40	70.04	48.26	59.94	56.06
50	82.72	60.96	72.64	68.76
60	95.40	73.66	85.34	81.46
64	100.50	78.74	90.42	86.54

ORDERING INFORMATION:

P/N 2 5 P₁xx - xxx x₂ B₃

1. LEVER TYPE:

"P52" WITH LONG LEVER

"P53" WITH SHORT LEVER

"P54" WITHOUT LEVER

2. NO. OF CONTACTS:

010, 014, 016, 020, 026, 030, 034, 040, 050, 060, 064

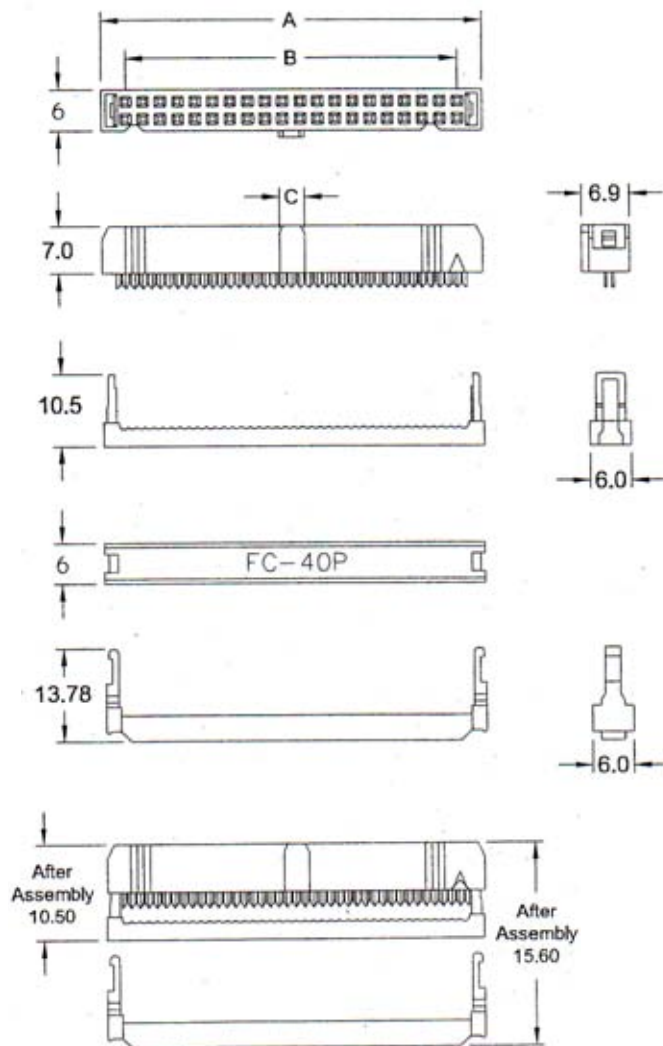
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") I.D.C. SOCKETS UL APPROVED



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Phosphor Bronze or Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
06	12.30	5.08	3.80
08	14.84	7.62	3.80
10	17.38	10.16	3.80
12	19.92	12.70	3.80
14	22.46	15.24	3.80
16	25.00	17.78	3.80
18	37.54	20.32	3.80
20	30.08	22.86	3.80
24	35.16	27.94	3.80
26	37.70	30.48	3.80
30	42.78	35.56	3.80
34	47.86	40.64	3.80
36	50.40	43.18	3.80
40	55.48	48.26	3.80
50	68.18	60.96	3.80
60	80.88	73.66	3.80
64	85.93	78.74	3.80

ORDERING INFORMATION:

P/N 2 5 4 xx - xxxx xx

1. CONTACT MATERIAL & SR OPTION:

WITH BUMP (NOSE):

"DA" BRASS WITHOUT STRAIN RELIEF

"DB" PHOSPHOR BRONZE W/O STRAIN RELIEF

"DC" BRASS WITH STRAIN RELIEF

"DD" PHOSPHOR BRONZE WITH STRAIN RELIEF

"DE" STRAIN RELIEF

WITHOUT BUMP (NOSE):

"WA" BRASS WITHOUT STRAIN RELIEF

"WB" PHOSPHOR BRONZE W/O STRAIN RELIEF

"WC" BRASS WITH STRAIN RELIEF

"WD" PHOSPHOR BRONZE WITH STRAIN RELIEF

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 050, 060, 064

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

"X" FOR STRAIN RELIEF (DE)

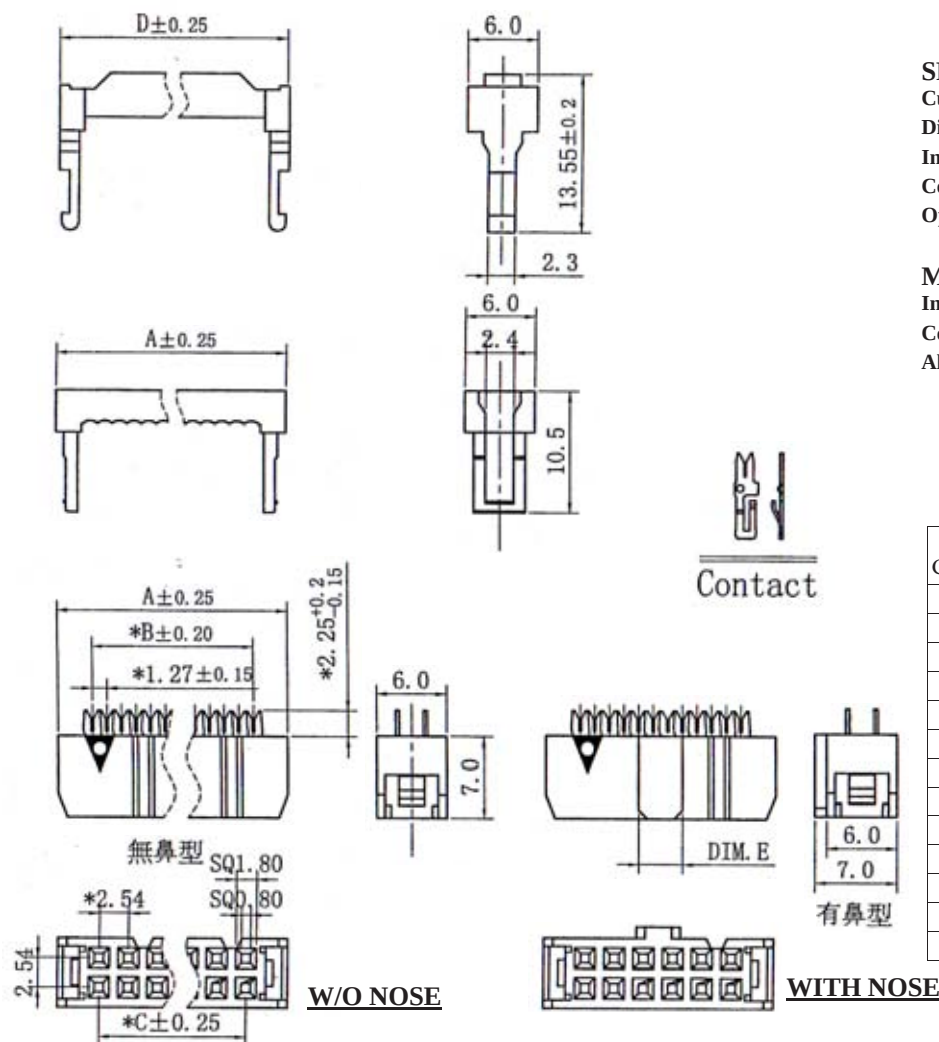
4. INSULATOR COLOR:

"B" BLACK (STANDARD)

"A" GRAY (OPTIONAL)

NOTE: FOR 1.27MM SPACING AWG28 FLAT CABLE

2.54MM(0.100") IDC SOCKET LIGHT GRAY WITH SINGLE SIDE CONTACTS



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 100MΩ Min

Contact Resistance: 1mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T+GF, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)				
	A	B	C	D	E
06	12.32	6.35	5.08	12.12	1.90
08	14.86	8.89	7.62	14.66	1.90
10	17.40	11.43	10.16	17.20	3.80
12	19.94	13.97	12.70	19.74	3.80
14	22.48	16.51	15.24	22.28	3.80
16	25.02	19.05	17.78	24.82	3.80
20	30.10	24.13	22.86	29.90	3.80
24	35.18	29.21	27.94	34.98	3.80
26	37.72	31.75	30.48	37.52	3.80
30	42.80	36.83	35.56	42.60	3.80
34	47.88	41.91	40.64	47.58	3.80
40	55.50	49.53	48.26	55.30	3.80
50	68.20	62.23	60.96	68.00	3.80

ORDERING INFORMATION:

P/N 2 5 4 X X - X X X X X
1 2 3 4

1. STRAIN RELIEF & NOSE OPTION:
WITH NOSE (POLARIZATION BUMP):

"TG" W/O STRAIN RELIEF

"TH" WITH STRAIN RELIEF

"TJ" STRAIN RELIEF ONLY

W/O NOSE (POLARIZATION BUMP):

"XG" W/O STRAIN RELIEF

"XH" WITH STRAIN RELIEF

2. NO. OF CONTACTS:

008, 010, 012, 014, 016, 018, 020, 024,

026, 030, 034, 036, 040, 044, 050, 060,

064

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

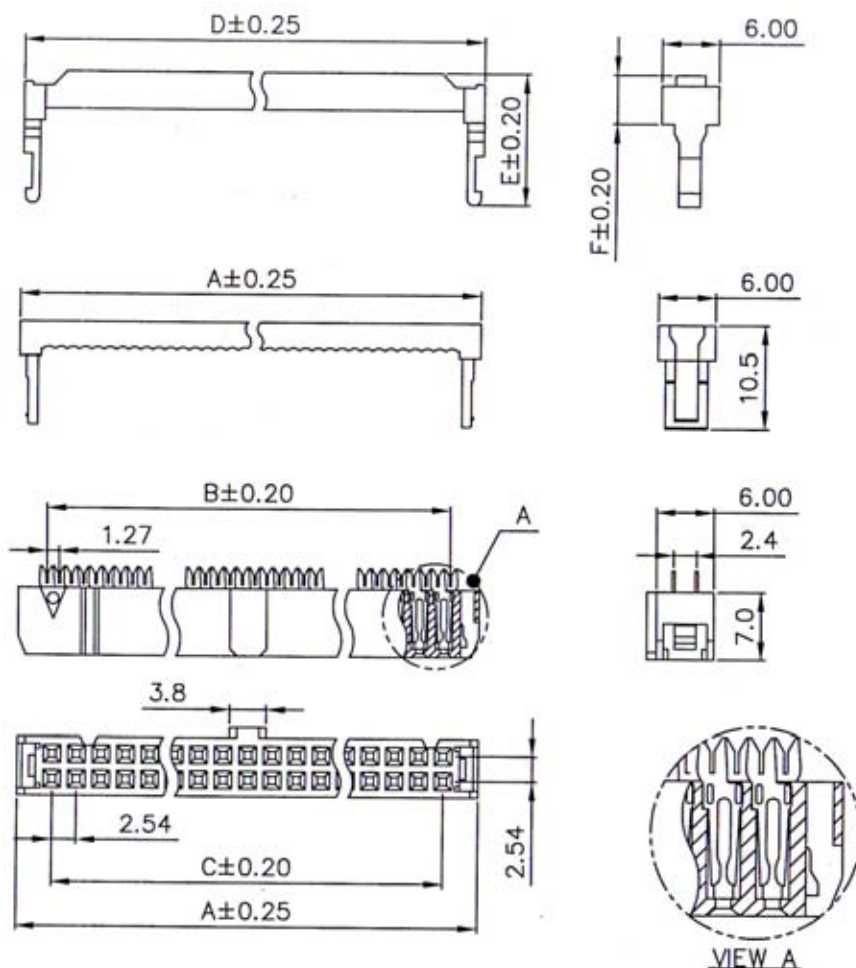
"X" FOR STRAIN RELIEF

4. INSULATOR COLOR:

"A" LIGHT GRAY 427C

"B" BLACK

2.54MM(0.100") IDC SOCKET LIGHT GRAY WITH DOUBLE SIDE CONTACTS



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 15mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T+30%GF, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)					
	A	B	C	D	E	F
08	14.86	8.89	7.62	14.66	13.55	5.00
10	17.40	11.43	10.16	17.20	13.55	5.00
12	19.94	13.97	12.70	19.74	13.55	5.00
14	22.48	16.51	15.24	22.28	13.55	5.00
16	25.02	19.05	17.78	24.82	13.55	5.00
18	27.56	21.59	20.32	27.36	13.55	5.00
20	30.10	24.13	22.86	29.90	13.55	5.00
24	35.18	29.21	27.94	34.98	13.55	5.00
26	37.72	31.75	30.48	37.52	13.55	5.00
30	42.80	36.83	35.56	42.80	13.45	4.85
34	47.88	41.91	40.64	47.68	13.55	5.00
36	50.42	44.45	43.18	50.22	13.55	5.00
40	55.50	49.53	48.26	55.30	13.55	5.00
44	60.58	54.61	53.34	60.38	13.55	5.00
50	68.20	62.23	60.96	68.40	13.45	4.85
60	80.90	74.93	73.66	80.70	13.55	5.00
64	85.98	80.01	78.74	85.78	13.55	5.00

ORDERING INFORMATION:

P/N 2 5 4 X X - X X X X X
1 2 3 4

1. STRAIN RELIEF OPTION:

"TV" W/O STRAIN RELIEF

"TW" WITH STRAIN RELIEF

"TE" STRAIN RELIEF ONLY

2. NO. OF CONTACTS:

008, 010, 012, 014, 016, 018, 020, 024,
026, 030, 034, 036, 040, 044, 050, 060,
064

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

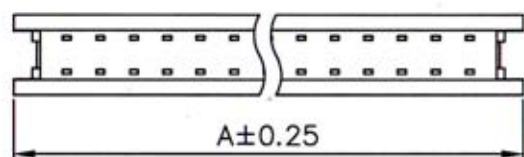
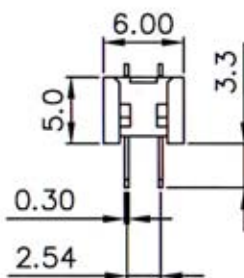
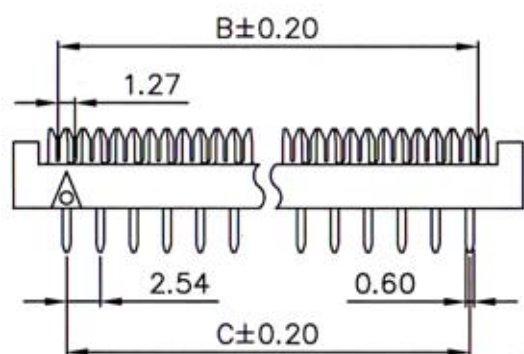
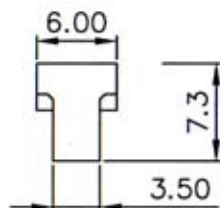
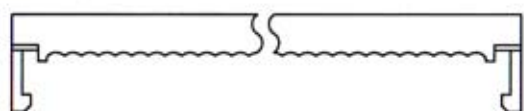
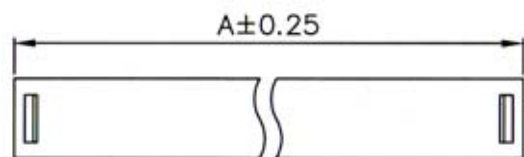
"X" FOR STRAIN RELIEF

4. INSULATOR COLOR:

"A" LIGHT GRAY 427C

"B" BLACK

2.54MM x 2.54MM(0.100" x 0.100") DIP PLUG IN LIGHT GRAY



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 15mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T+30%GF, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

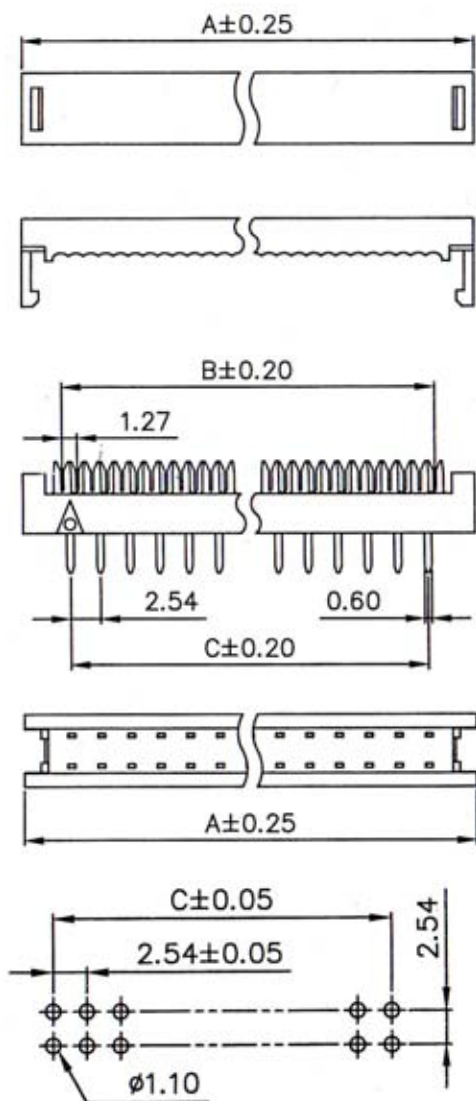
No. of Contacts	Dimensions(mm)		
	A	B	C
06	13.07	6.35	5.08
08	15.61	8.89	7.62
10	18.15	11.43	10.16
12	20.69	13.97	12.70
14	23.23	16.51	15.24
16	25.77	19.05	17.78
18	28.31	21.59	20.32
20	30.85	24.13	22.86
24	35.93	29.21	27.94
26	38.47	31.75	30.48
30	43.55	36.83	35.56
34	48.63	41.91	40.64
36	51.17	44.45	43.18
40	56.25	49.53	48.26
50	68.95	62.23	60.96
60	81.65	74.93	73.66
64	86.73	80.01	78.74

ORDERING INFORMATION:

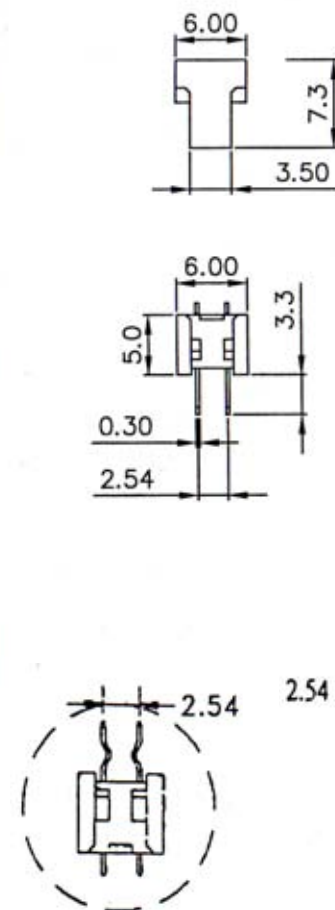
P/N 2 5 4 $\frac{TD}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ $\frac{A}{4}$

1. CONNECTOR TYPE:
"TD" DIP PLUG
2. NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 018, 020,
024, 026, 030, 034, 036, 040, 050, 060,
064
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"A" LIGHT GRAY 427C

2.54MM x 2.54MM(0.100" x 0.100") DIP PLUG



Recommended P.C.Board Layout



KINKED CONTACTS

STANDARD CONTACTS

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 15mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T+30%GF, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
06	13.07	6.35	5.08
08	15.61	8.89	7.62
10	18.15	11.43	10.16
12	20.69	13.97	12.70
14	23.23	16.51	15.24
16	25.77	19.05	17.78
18	28.31	21.59	20.32
20	30.85	24.13	22.86
24	35.93	29.21	27.94
26	38.47	31.75	30.48
30	43.55	36.83	35.56
34	48.63	41.91	40.64
36	51.17	44.45	43.18
40	56.25	49.53	48.26
50	68.95	62.23	60.96
60	81.65	74.93	73.66
64	86.73	80.01	78.74

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}x - \frac{x}{2}x x \frac{x}{3}x$

1. CONTACT TYPE:

"DU" STANDARD CONTACTS

"DZ" KINKED CONTACTS

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 018, 020, 024, 026, 030, 034, 036, 040, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

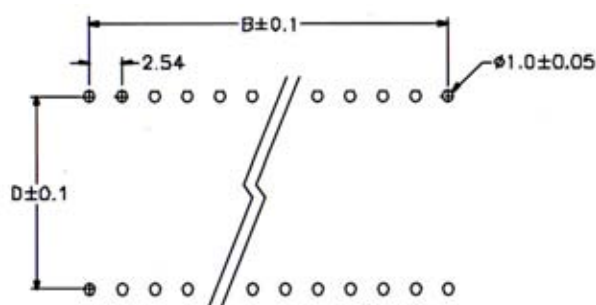
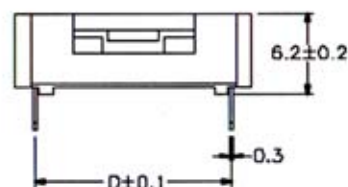
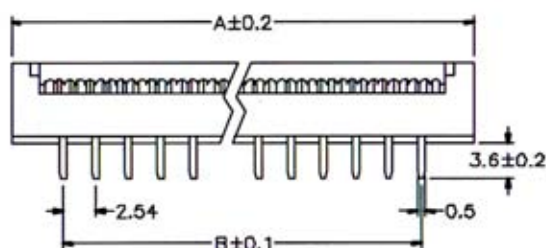
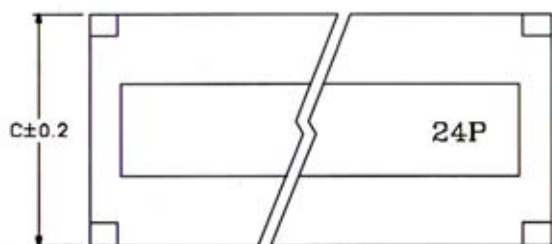
4. INSULATOR COLOR:

"B" BLACK (STANDARD)

"A" GRAY (OPTIONAL)

NOTE: CRIMPING TOOL P/N HT-214D

2.54MM x 7.62MM(0.100" x 0.300") & 2.54MM x 15.24MM (0.100" x 0.600") DIP PLUG



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)				Code
	A	B	C	D	
08	14.25	7.62	10.60	7.62	254DV
10	16.68	10.16	10.60	7.62	
14	22.70	15.24	10.60	7.62	
16	25.10	17.78	10.60	7.62	
18	26.92	20.32	10.60	7.62	
20	29.70	22.86	10.60	7.62	
24	34.78	27.94	18.18	15.24	254DW
28	39.92	32.78	18.18	15.24	
32	44.40	37.86	18.18	15.24	
40	55.20	48.26	18.18	15.24	

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}x - \frac{x}{2}x x \frac{T}{3} \frac{B}{4}$

1. DIMENSIONS:

"DV" 2.54MMx7.62MM(0.1"x0.3")

"DW" 2.54MMx15.24MM(0.1"x0.6")

2. NO. OF CONTACTS:

008, 010, 014, 016, 018, 020, 024, 026, 028, 032, 034, 036, 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

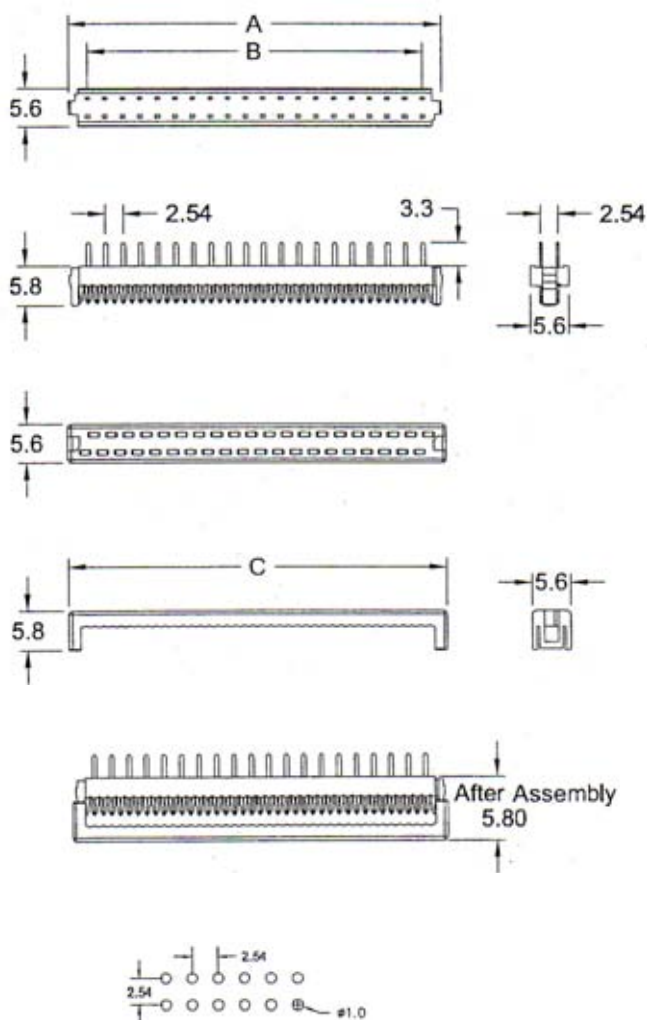
4. INSULATOR COLOR:

"B" BLACK (STANDARD)

"A" GRAY (OPTIONAL)

NOTE: CRIMPING TOOL P/N HT-214D

2.54MM(0.100") DIP PLUG IDC TYPE H=5.80MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Phosphor Bronze or Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
06	10.82	5.08	11.52
08	13.36	7.62	14.06
10	15.90	10.16	16.60
12	18.44	12.70	19.14
14	20.98	15.24	21.68
16	23.52	17.78	24.22
18	26.06	20.32	26.76
20	28.60	22.86	29.30
24	33.68	27.94	34.38
26	36.22	30.48	36.92
30	41.30	35.56	42.00
34	46.38	40.64	47.08
36	48.92	43.18	49.62
40	54.00	48.26	54.70
50	66.70	60.96	67.40
60	79.40	73.66	80.10
64	84.48	78.74	85.18

ORDERING INFORMATION:

P/N 25G99 - xxx S B
1 2 3

1. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 018, 020,
024, 026, 030, 034, 036, 040, 050, 060,
064

2. CONTACT FINISH:

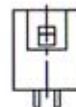
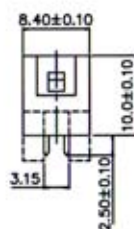
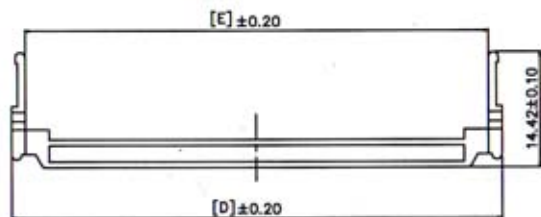
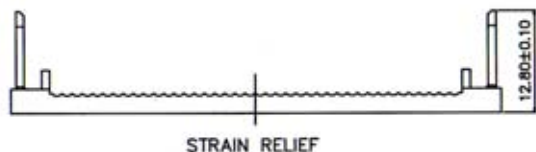
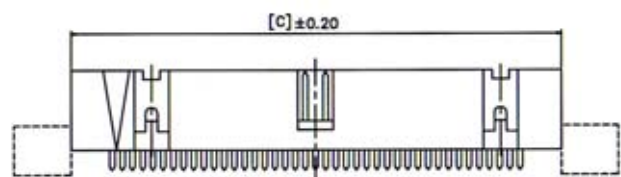
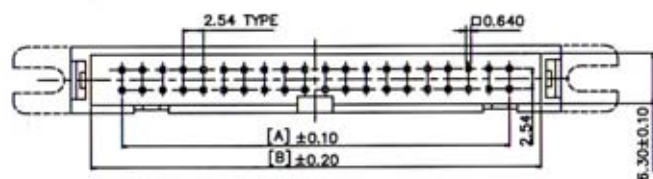
"S" SELECTIVE GOLD PLATED

3. COLOR OF INSULATOR:

"B" BLACK

NOTE: CRIMPING TOOL P/N HT-214D

2.54MM(0.100") BOX HEADER IDC TYPE



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 30mΩ Max.

Operating Temperature: -55°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL94V-0

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)				
	A	B	C	D	E
10	10.16	18.00	23.00	23.00	19.72
14	15.24	23.08	28.08	28.08	24.80
16	17.78	25.62	30.62	30.62	27.34
20	22.86	30.70	35.70	35.70	32.42
24	27.94	35.78	40.78	40.78	37.50
26	30.48	38.32	43.32	43.32	40.04
30	35.56	43.40	48.40	48.40	45.12
34	40.64	48.48	53.48	53.48	50.20
40	48.26	56.10	61.10	61.10	57.82
50	60.96	68.80	73.80	73.80	70.52
60	73.66	81.50	86.50	86.50	83.22
64	78.74	86.68	91.58	91.58	88.30

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{S}{3}$ $\frac{A}{4}$

1. CONNECTOR TYPE:

- "BK" WITH STRAIN RELIEF
W/O MOUNTING EARS
- "BL" WITH STRAIN RELIEF
WITH MOUNTING EARS
- "BM" W/O STRAIN RELIEF
W/O MOUNTING EARS
- "BN" W/O STRAIN RELIEF
WITH MOUNTING EARS

2. NO. OF CONTACTS:

- 010, 014, 016, 020, 024, 026, 030, 034,
040, 050, 060, 064

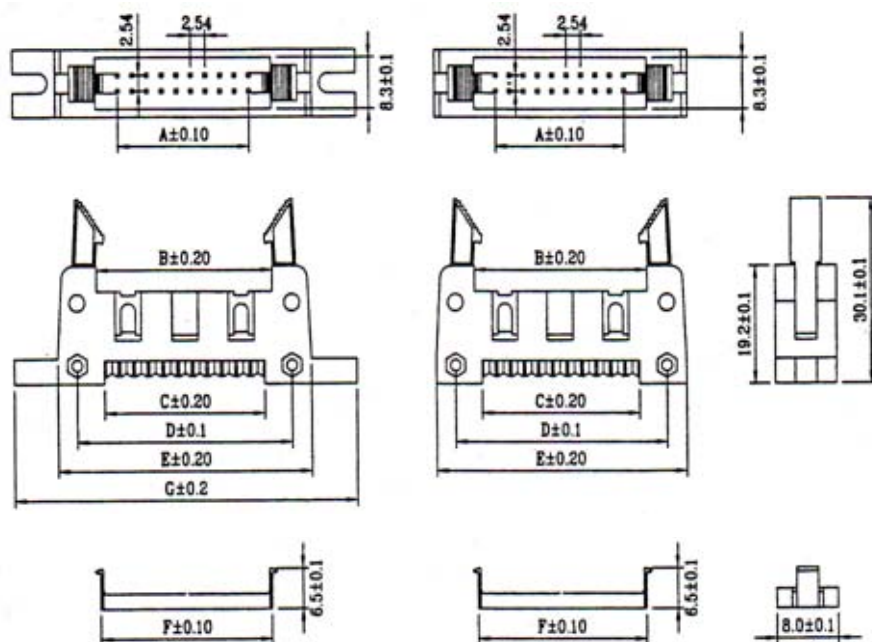
3. CONTACT FINISH:

- "S" SELECTIVE GOLD PLATED

4. INSULATOR COLOR:

- "A" GRAY

2.54MM(0.100") IDC PLUG WITH EJECTORS

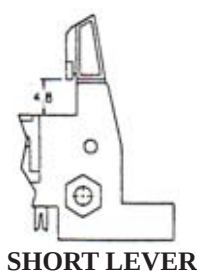


SPECIFICATIONS

Current Rating: 3.0 Amp
 Dielectric Withstanding: 1000V AC
 Insulation Resistance: 5000MΩ Min
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0
 Contact Material: Phosphor Bronze
 All materials must be RoHS compliant.



SHORT LEVER



LONG LEVER

No. of Contacts	Dimensions(mm)						
	A	B	C	D	E	F	G
10	10.16	18.00	15.30	21.85	32.17	17.20	47.32
14	15.24	23.08	20.38	26.93	37.25	22.28	52.40
16	17.78	25.62	22.92	29.47	39.79	24.82	54.94
20	22.86	30.70	28.00	34.55	44.87	29.90	60.02
24	27.94	35.78	33.08	39.63	49.95	34.98	65.10
26	30.48	38.32	35.62	42.17	52.49	37.52	67.64
30	35.56	43.40	40.70	47.25	57.57	42.60	72.72
34	40.64	48.48	45.78	52.33	62.65	47.68	77.80
40	48.26	56.10	53.40	59.95	70.27	55.30	85.42
50	60.96	68.80	66.10	72.65	82.97	68.00	98.12
60	73.66	81.50	78.80	85.35	95.67	80.70	110.82
64	78.74	86.58	83.88	90.43	100.75	85.78	115.90

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ $\frac{x}{4}$ A

1. LEVERS & MOUNTING EARS:

"SN" WITH LONG LEVERS & WITH MOUNTING EARS
 "SP" WITH LONG LEVERS & WITHOUT MOUNTING EARS
 "SQ" WITH SHORT LEVERS & WITH MOUNTING EARS
 "SR" WITH SHORT LEVERS & WITHOUT MOUNTING EARS
 "LL" LONG LEVER ONLY
 "LX" SHORT LEVER ONLY

2. NO. OF CONTACTS:

010, 014, 016, 020, 024, 026, 030, 034,
 040, 050, 060, 064
 "002" 2PCS/SET (FOR LEVER ONLY)

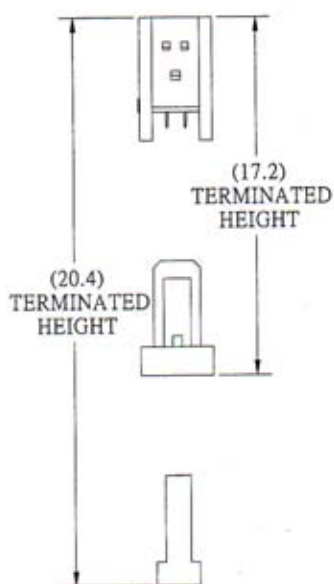
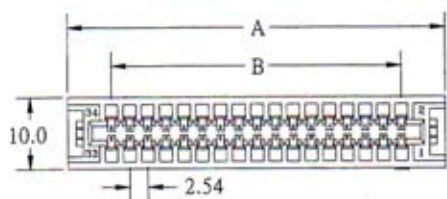
3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED
 "L" LEVER

4. INSULATOR COLOR:

"A" GRAY

2.54MM(0.100") HIGH RETENSION FORCE CARDEDGE IDC CONNECTOR



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Phosphor Bronze or Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
10	22.36	10.16
14	27.44	15.24
16	29.98	17.78
20	35.06	22.86
26	42.68	30.48
34	52.84	40.64
40	60.46	48.26
44	65.54	53.34
50	73.16	60.96
56	80.78	68.58
60	85.86	73.66
62	88.40	76.20
64	90.94	78.74

ORDERING INFORMATION:

P/N 2 5 4 xx - xxxx xx

1. CONNECTOR TYPE:

"CE" W/O STRAIN RELIEF

W/O PLUGGED KEY

"CF" WITH STRAIN RELIEF

W/O PLUGGED KEY

"CG" W/O STRAIN RELIEF

WITH PLUGGED KEY

"CH" WITH STRAIN RELIEF

WITH PLUGGED KEY

"CJ" STRAIN RELIEF

2. NO. OF CONTACTS:

010, 014, 016, 020, 026, 034, 040, 044,

050, 056, 060, 062, 064

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

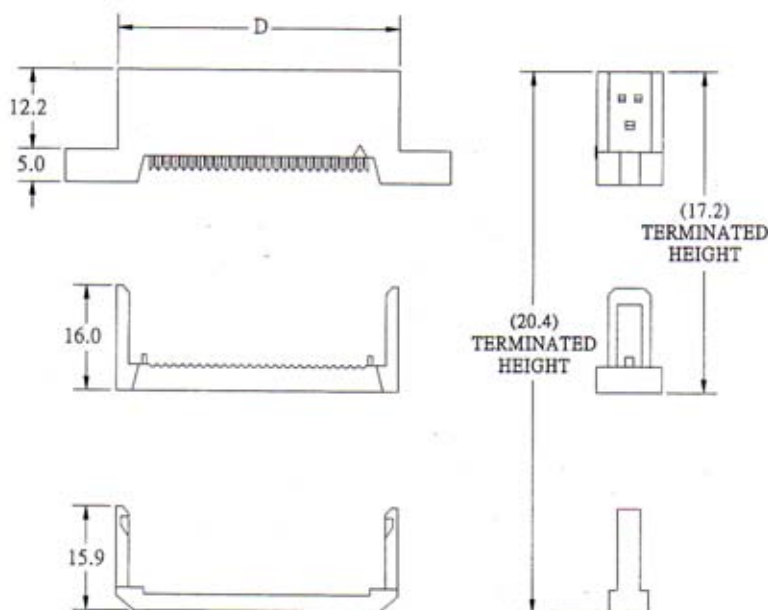
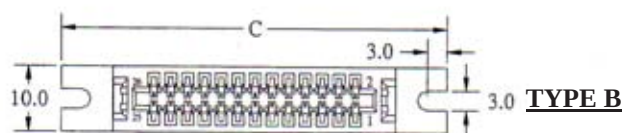
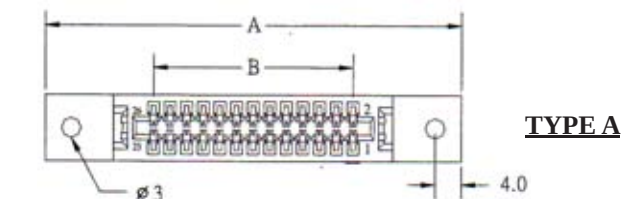
"X" FOR STRAIN RELIEF (CJ)

4. COLOR OF INSULATOR:

"B" BLACK (STANDARD)

"A" GRAY (OPTIONAL)

2.54MM(0.100") CARDEDGE IDC CONNECTOR WITH MOUNTING EAR



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Phosphor Bronze or Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)			
	A	B	C	D
10	43.06	10.16	38.06	22.36
14	48.14	15.24	43.14	27.44
16	50.68	17.78	45.68	29.98
20	55.76	22.86	50.76	35.06
26	63.38	30.48	58.38	42.68
34	73.54	40.64	68.54	52.84
40	81.16	48.26	76.16	60.46
50	93.86	60.96	88.86	73.16
60	106.56	73.66	101.56	85.86
62	109.10	76.20	104.10	88.40
64	111.64	78.74	106.64	90.94

ORDERING INFORMATION:

P/N 2 5 4 xx - xxx S x
 1 2 3

1. CONNECTOR TYPE:

"CL" TYPE A WITH STRAIN RELIEF

"CM" TYPE B WITH STRAIN RELIEF

"CC" TYPE A W/O STRAIN RELIEF

"CD" TYPE B W/O STRAIN RELIEF

2. NO. OF CONTACTS:

010, 014, 016, 020, 026, 034, 040, 050,

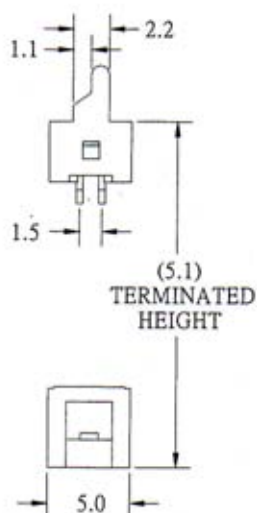
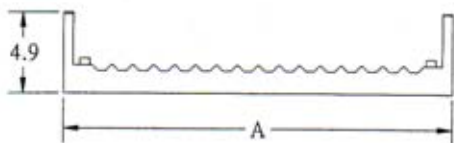
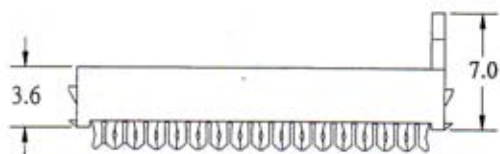
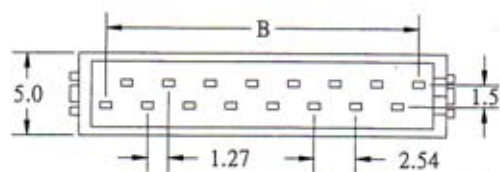
060, 062, 064

3. COLOR OF INSULATOR:

"B" BLACK (STANDARD)

"A" GRAY (OPTIONAL)

2.54MM(0.100") MINIATURE CONNECTOR MALE ON WIRE TYPE (1)



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

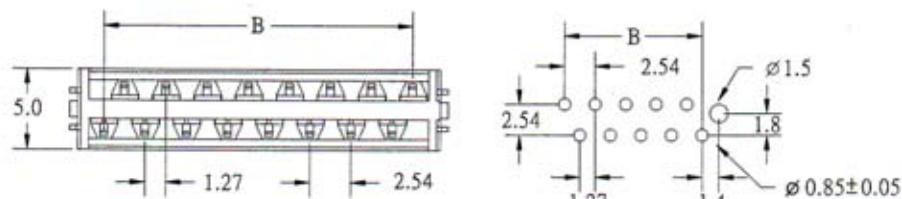
No. of Contacts	Dimensions(mm)	
	A	B
04	8.46	3.81
06	11.00	6.35
08	13.54	8.89
10	16.08	11.43
12	18.62	13.97
14	21.16	16.51
16	23.70	19.05
18	26.24	21.59
20	28.78	24.13
24	33.86	29.21
26	36.40	31.75

ORDERING INFORMATION:

P/N 2 5 4 M 1 - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{T}{2} \frac{R}{3}$

1. NO. OF CONTACTS:
004 ~ 020
2. CONTACT FINISH:
"T" FULL TIN PLATED
3. INSULATOR COLOR:
"R" RED

2.54MM(0.100") MINIATURE CONNECTOR FEMALE PADDLE BOARD TYPE (2)



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

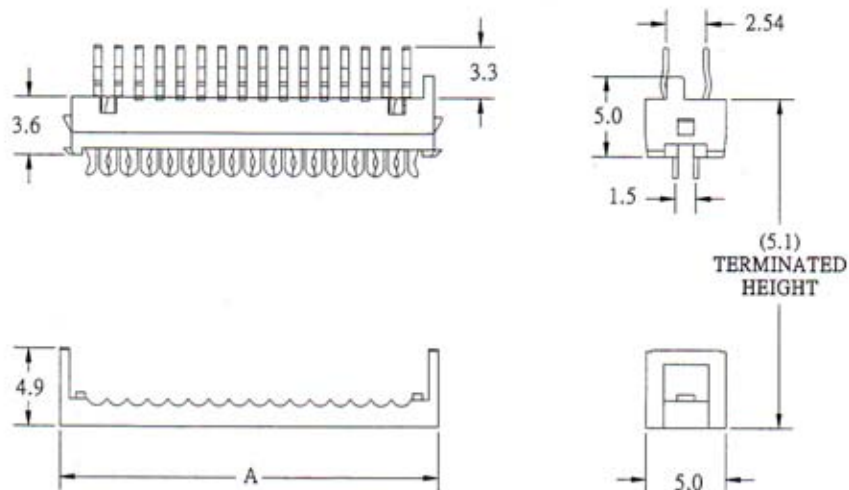
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



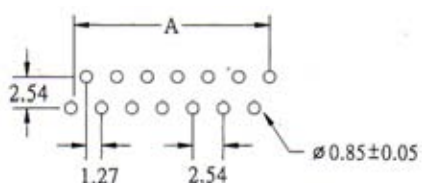
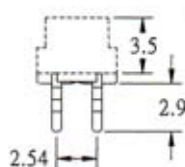
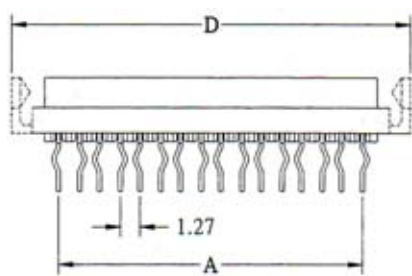
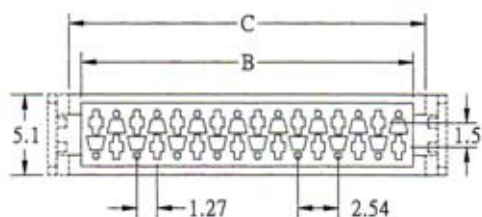
No. of Contacts	Dimensions(mm)	
	A	B
04	8.46	3.81
06	11.00	6.35
08	13.54	8.89
10	16.08	11.43
12	18.62	13.97
14	21.16	16.51
16	23.70	19.05
18	26.24	21.59
20	28.78	24.13
24	33.86	29.21
26	36.40	31.75

ORDERING INFORMATION:

P/N 2 5 4 M 2 - $\frac{x x x}{1}$ $\frac{T R}{2 3}$

1. NO. OF CONTACTS:
004 ~ 020
2. CONTACT FINISH:
"T" FULL TIN PLATED
3. INSULATOR COLOR:
"R" RED

2.54MM(0.100") MINIATURE FEMALE CONNECTOR STRAIGHT PCB TYPE (3)



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000M Ω Min

Contact Resistance: 30m Ω Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

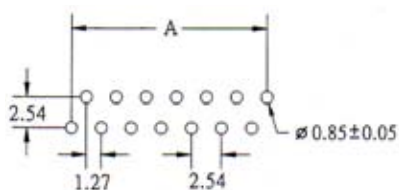
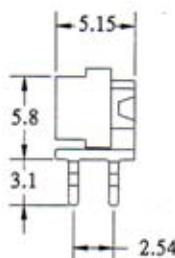
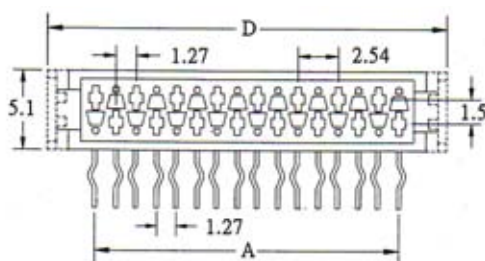
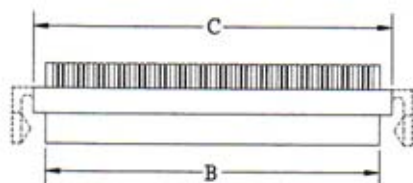
No. of Contacts	Dimensions(mm)			
	A	B	C	D
04	3.81	5.60	7.10	9.70
06	6.35	8.14	9.70	12.20
08	8.89	10.68	12.20	14.70
10	11.43	13.22	14.70	17.30
12	13.97	15.76	17.30	19.80
14	16.51	18.30	19.80	22.40
16	19.05	20.84	22.40	24.90
18	21.59	23.38	24.90	27.40
20	24.13	25.92	27.40	30.00
24	29.21	31.00	32.40	35.00
26	31.75	33.54	34.90	37.50

ORDERING INFORMATION:

P/N 2 5 4 x x - x x x T R
 1 2 3 4

1. LOCKING OPTION:
"M3" WITHOUT LOCKING
"M8" WITH LOCKING
2. NO. OF CONTACTS:
004 ~ 020
3. CONTACT FINISH:
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"R" RED

2.54MM(0.100") MINIATURE FEMALE CONNECTOR RIGHT ANGLE TYPE (4)



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000M Ω Min

Contact Resistance: 30m Ω Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

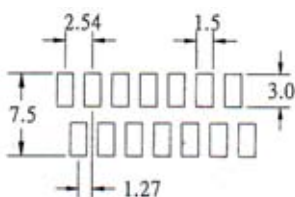
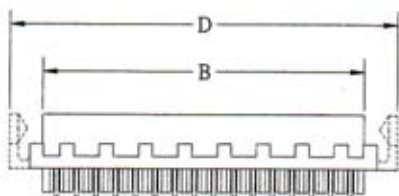
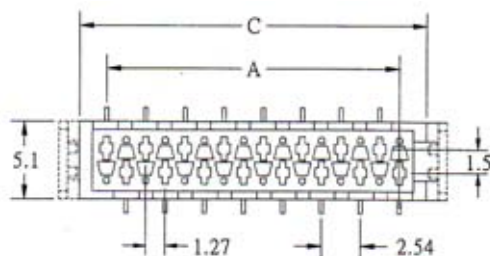
No. of Contacts	Dimensions(mm)			
	A	B	C	D
04	3.81	5.60	7.10	9.70
06	6.35	8.14	9.70	12.20
08	8.89	10.68	12.20	14.70
10	11.43	13.22	14.70	17.30
12	13.97	15.76	17.30	19.80
14	16.51	18.30	19.80	22.40
16	19.05	20.84	22.40	24.90
18	21.59	23.38	24.90	27.40
20	24.13	25.92	27.40	30.00
24	29.21	31.00	32.40	35.00
26	31.75	33.54	34.90	37.50

ORDERING INFORMATION:

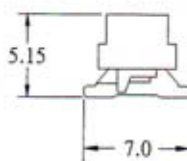
P/N 2 5 4 xx - xxx T R
 1 2 3 4

1. LOCKING OPTION:
 "M5" WITHOUT LOCKING
 "M9" WITH LOCKING
2. NO. OF CONTACTS:
 004 ~ 020
3. CONTACT FINISH:
 "T" FULL TIN PLATED
4. INSULATOR COLOR:
 "R" RED

2.54MM(0.100") MINIATURE FEMALE CONNECTOR SMT TYPE (5)



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon-6T, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)			
	A	B	C	D
04	3.81	5.60	7.10	9.70
06	6.35	8.14	9.70	12.20
08	8.89	10.68	12.20	14.70
10	11.43	13.22	14.70	17.30
12	13.97	15.76	17.30	19.80
14	16.51	18.30	19.80	22.40
16	19.05	20.84	22.40	24.90
18	21.59	23.38	24.90	27.40
20	24.13	25.92	27.40	30.00
24	29.21	31.00	32.40	35.00
26	31.75	33.54	34.90	37.50

ORDERING INFORMATION:

P/N 2 5 4 x x - x x x T R - x
1 2 3 4 5

1. LOCKING OPTION:

"M7" W/O LOCKING
"M0" WITH LOCKING

2. NO. OF CONTACTS:

004 ~ 020

3. CONTACT FINISH:

"T" FULL TIN PLATED

4. INSULATOR COLOR:

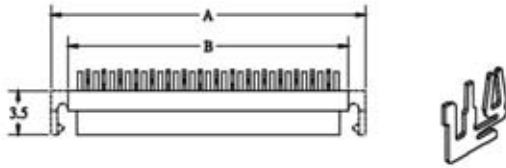
"R" RED

5. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") MINIATURE FEMALE CONNECTOR RIGHT ANGLE SMT TYPE (6)



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

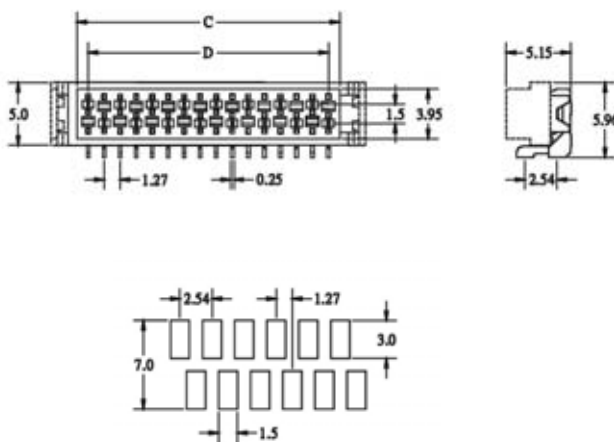
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon-6T, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)			
	A	B	C	D
04	9.68	6.98	5.59	3.81
06	12.22	9.52	8.13	6.35
08	14.76	12.06	10.67	8.89
10	17.30	14.60	13.21	11.43
12	19.84	17.14	15.75	13.97
14	22.38	19.68	18.29	16.51
16	24.92	22.22	20.83	19.05
18	27.46	24.76	23.37	21.59
20	30.00	27.30	25.91	24.13
22	32.54	29.84	28.45	26.67
24	35.08	32.38	30.99	29.21
26	37.62	34.92	33.53	31.75

ORDERING INFORMATION:

P/N 2 5 x x x - x x x T R - x
1 2 3 4 5

1. LOCKING OPTION:

"E23" W/O LOCKING

"E24" WITH LOCKING

2. NO. OF CONTACTS:

004 ~ 020

3. CONTACT FINISH:

"T" FULL TIN PLATED

4. INSULATOR COLOR:

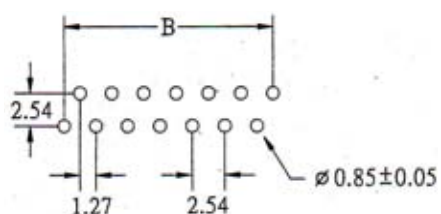
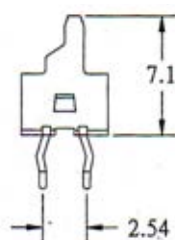
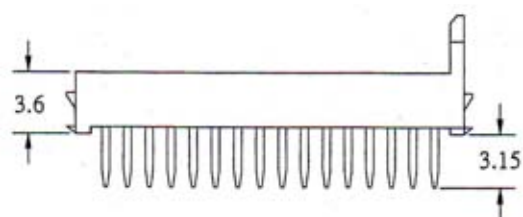
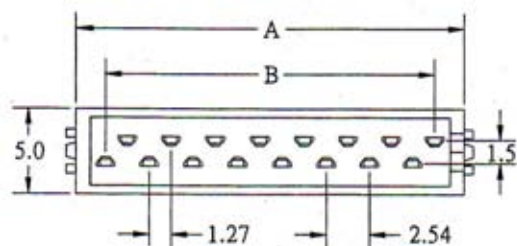
"R" RED

5. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") MINIATURER CONNECTOR MALE ON BOARD STRAIGHT TYPE (7)



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000M Ω Min

Contact Resistance: 30m Ω Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
04	8.20	3.81
06	10.70	6.35
08	13.30	8.89
10	15.80	11.43
12	18.30	13.97
14	20.80	16.51
16	23.40	19.05
18	25.90	21.59
20	28.40	24.13
24	33.40	29.21
26	35.90	31.75

ORDERING INFORMATION:

P/N 2 5 E 2 1 - $\frac{x}{1} \frac{x}{2} \frac{T}{3} R$

1. NO. OF CONTACTS:

004 ~ 026

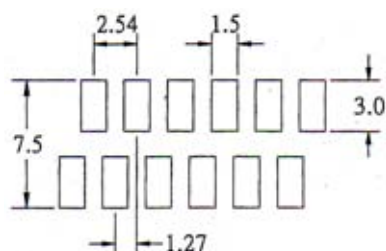
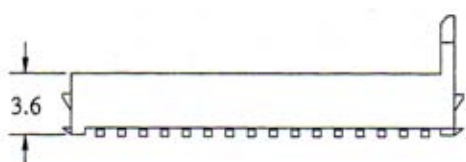
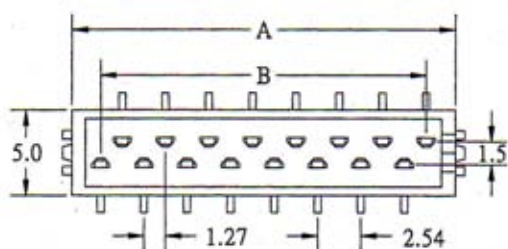
2. CONTACT FINISH:

"T" FULL TIN PLATED

3. INSULATOR COLOR:

"R" RED

2.54MM(0.100") MINIATURER CONNECTOR MALE ON BOARD SMT TYPE (8)



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon-6T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
04	8.20	3.81
06	10.70	6.35
08	13.30	8.89
10	15.80	11.43
12	18.30	13.97
14	20.80	16.51
16	23.40	19.05
18	25.90	21.59
20	28.40	24.13
24	33.40	29.21
26	35.90	31.75

ORDERING INFORMATION:

P/N 2 5 E 2 2 - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{T}{4} \frac{R}{4} - \frac{x}{4}$

1. NO. OF CONTACTS:

004 ~ 026

2. CONTACT FINISH:

"T" FULL TIN PLATED

3. INSULATOR COLOR:

"R" RED

4. PAD & PACKAGE OPTION:

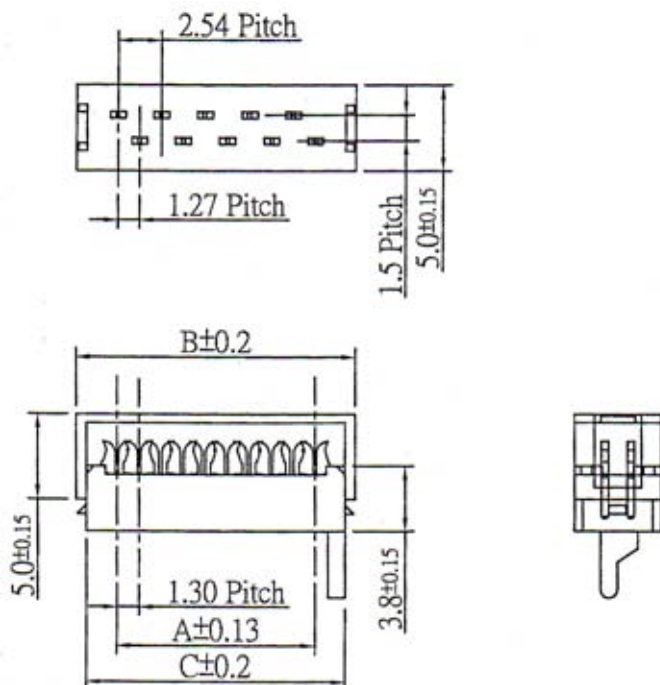
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM(0.100") MINIATURE MALE ON WIRE CONNECTOR ALTERNATIVE TYPE



MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

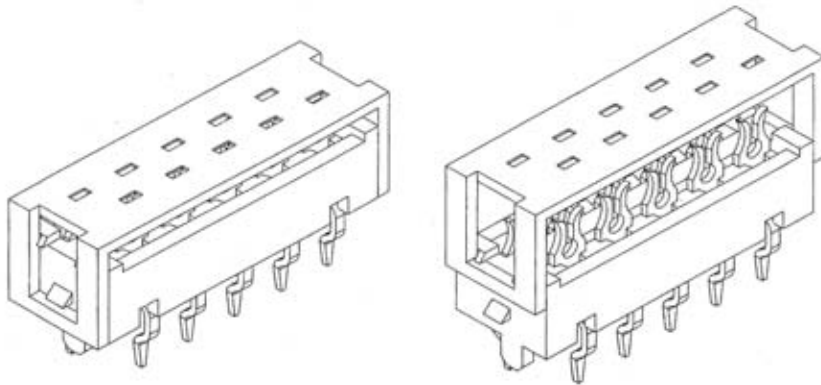
No. of Contacts	Dimensions(mm)		
	A	B	C
04	3.81	8.58	7.18
06	6.35	11.12	9.72
08	8.89	13.66	12.26
10	11.43	16.20	14.80
12	13.97	18.74	17.34
14	16.51	21.28	19.88
16	19.05	23.82	22.42
18	21.59	26.36	24.96
20	24.13	28.90	27.50

ORDERING INFORMATION:

P/N 2 5 C 8 9 - x x x x x
1 2 3 4

1. CONNECTOR TYPE:
"C89" FOR 1.27MM PITCH FLAT CABLE
2. NO. OF CONTACTS:
004, 006, 008, 010, 012, 014, 016, 018, 020
3. CONTACT FINISH:
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"R" RED

2.54MM(0.100") MINIATURE FEMALE PADDLE BOARD CONNECTOR ALTERNATIVE TYPE

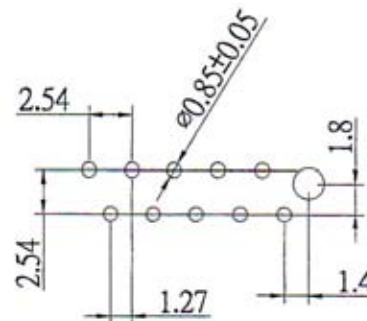
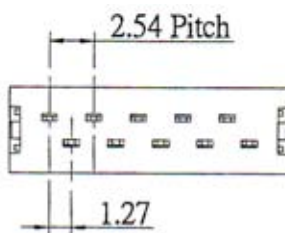


MATERIALS

Insulation Material: P.B.T, UL 94V-0

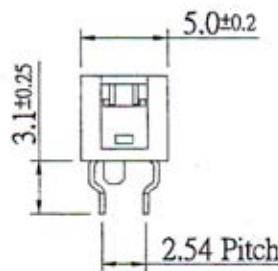
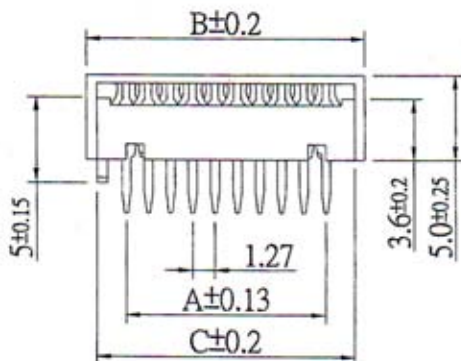
Contact Material: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)		
	A	B	C
04	3.81	8.78	7.13
06	6.35	11.32	9.67
08	8.89	13.86	12.21
10	11.43	16.10	14.75
12	13.97	18.89	17.29
14	16.51	18.74	17.51
16	19.05	21.48	22.37
18	21.59	24.02	24.91
20	24.13	29.10	27.45

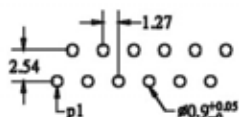
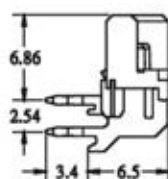
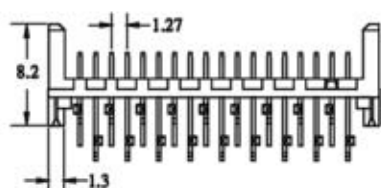
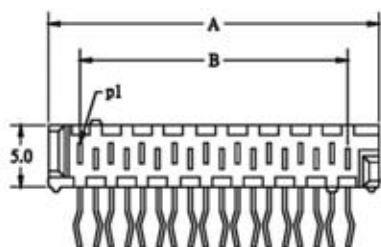


ORDERING INFORMATION:

P/N 2 5 C 9 0 - x x x T R
1 2 3 4

- CONNECTOR TYPE:
"C90" FOR 1.27MM PITCH FLAT CABLE
- NO. OF CONTACTS:
004, 006, 008, 010, 012, 014, 016, 018, 020
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"R" RED

2.54MM (0.100") MALE ON BOARD RIGHT ANGLE TYPE CONNECTOR IN BLACK



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon-6T, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
04	8.86	3.81
06	11.40	6.35
08	13.94	8.89
10	16.48	11.43
12	19.02	13.97
14	21.56	16.51
16	24.10	19.05
18	26.64	21.59
20	29.18	24.13
22	31.72	26.67
24	34.26	29.21
26	36.80	31.75

ORDERING INFORMATION:

P/N 2 5 4 P 2 - x x x T B
1 2 3 4

1. CONNECTOR TYPE:
"P2" RIGHT ANGLE DIP TYPE
2. NO. OF CONTACTS:
004, 006, 008, 010, 012, 014,
016, 018, 020, 022, 024, 026
3. CONTACT FINISH:
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK

2.54MM (0.100") MALE ON BOARD VERTICAL TYPE CONNECTOR IN BLACK

No. of Contacts	Dimensions(mm)		
	A	B	C
04	8.86	3.81	7.41
06	11.40	6.35	9.95
08	13.94	8.89	12.49
10	16.48	11.43	15.03
12	19.02	13.97	17.57
14	21.56	16.51	20.11
16	24.10	19.05	22.65
18	26.64	21.59	25.19
20	29.18	24.13	27.73
22	31.72	26.67	30.27
24	34.26	29.21	32.81
26	36.80	31.75	35.35

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

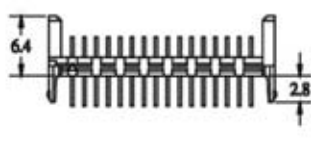
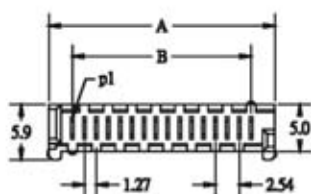
Operating Temperature: -40°C to + 105°C

MATERIALS

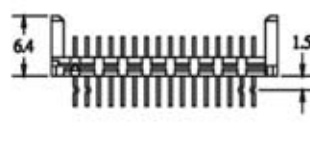
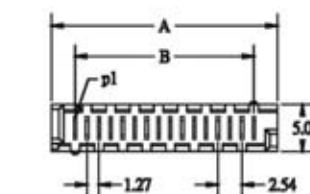
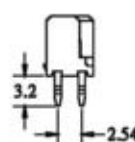
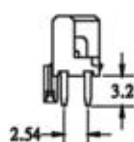
Insulation Material: PBT, UL 94V-0

Contact Material: Phosphor Bronze

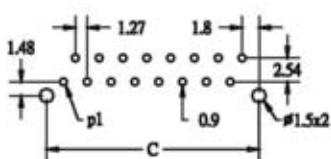
All materials must be RoHS compliant.



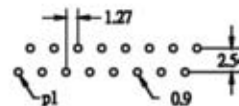
Type A



Type B



Recommended P.C.Board Layout
Type A



Recommended P.C.Board Layout
Type B

ORDERING INFORMATION:

P/N 2 5 4 x x - x x x T B
1 2 3 4

1. CONNECTOR TYPE:

"P3" TYPE A

"P4" TYPE B

2. NO. OF CONTACTS:

004, 006, 008, 010, 012, 014,
016, 018, 020, 022, 024, 026

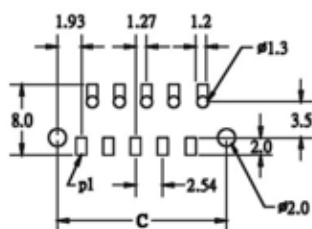
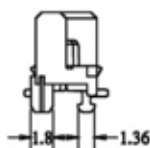
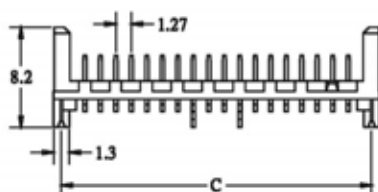
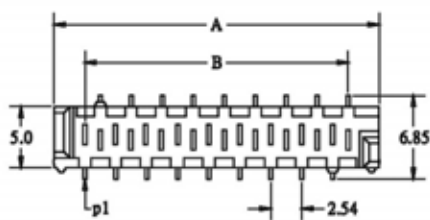
3. CONTACT FINISH:

"T" FULL TIN PLATED

4. INSULATOR COLOR:

"B" BLACK

2.54MM (0.100") MALE ON BOARD SMT TYPE CONNECTOR IN BLACK



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon-6T, UL 94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
04	8.86	3.81	7.66
06	11.40	6.35	10.20
08	13.94	8.89	12.74
10	16.48	11.43	15.28
12	19.02	13.97	17.82
14	21.56	16.51	20.36
16	24.10	19.05	22.90
18	26.64	21.59	25.44
20	29.18	24.13	27.98
22	31.72	26.67	30.52
24	34.26	29.21	33.06
26	36.80	31.75	35.60

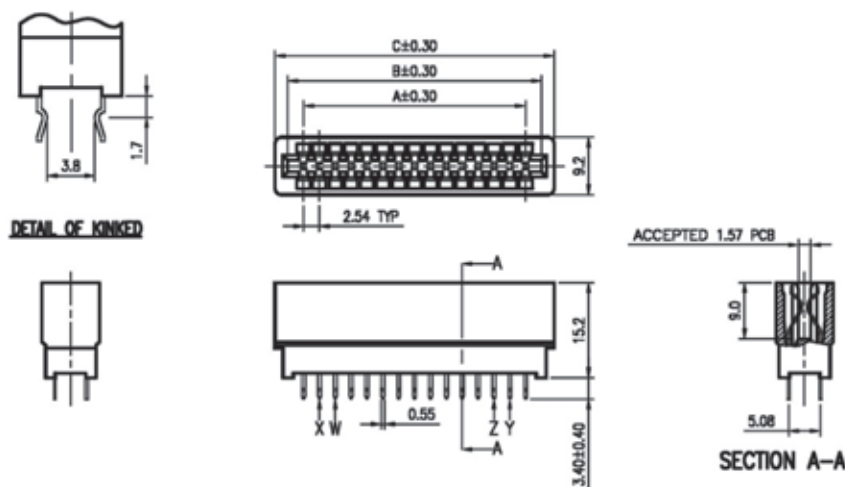
ORDERING INFORMATION:

P/N 2 5 4 P5 - x x x T B - x
 1 2 3 4 5

- CONNECTOR TYPE:
"P5" SMT TYPE
- NO. OF CONTACTS:
004, 006, 008, 010, 012, 014,
016, 018, 020, 022, 024, 026
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"B" BLACK
- PACKAGE TYPE:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

2.54MM (0.100") CARDEDGE SLOT CONNECTOR



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -55°C to + 85°C

MATERIALS

Insulation Material: P.B.T, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)				No. of Contacts	Dimensions(mm)			
	A	B	C	KINKED		A	B	C	KINKED
06	5.08	10.16	14.22	---	52	63.50	68.58	72.64	XY
08	7.62	12.70	16.76	---	54	66.04	71.12	75.18	XY
10	10.16	15.24	19.30	---	56	68.58	73.66	77.72	XY
12	12.70	17.78	21.84	---	58	71.12	76.20	80.26	XY
14	15.24	20.32	24.38	---	60	73.66	78.74	82.80	XY
16	17.78	22.86	26.92	---	62	76.20	81.28	85.34	WZ
18	20.32	25.40	29.46	XY	64	78.74	83.82	87.88	WXYZ
20	22.86	27.94	32.00	XY	66	81.28	86.36	90.42	WXYZ
22	25.40	30.48	34.54	XY	68	83.82	88.90	92.96	WXYZ
24	27.94	33.02	37.08	XY	70	86.36	91.44	95.50	WXYZ
26	30.48	35.56	39.62	WXYZ	72	88.90	93.98	98.04	WXYZ
28	33.02	38.10	42.16	XY	74	91.44	96.52	100.58	WXYZ
30	35.56	40.64	44.70	XY	76	93.98	99.06	103.12	WXYZ
32	38.10	43.18	47.24	XY	78	96.52	101.60	105.66	WXYZ
34	40.64	45.72	49.78	XY	80	99.06	104.14	108.20	WXYZ
36	43.18	48.26	52.32	WXYZ	82	101.60	106.68	110.74	WXYZ
38	45.72	50.80	54.86	XY	84	104.14	109.22	113.28	WXYZ
40	48.26	53.34	57.40	XY	86	106.68	111.76	115.82	WXYZ
42	50.80	55.88	59.94	XY	88	109.22	114.30	118.36	WXYZ
44	53.34	58.42	62.48	XY	90	111.76	116.84	120.90	WXYZ
46	55.88	60.96	65.02	XY	92	114.30	119.38	123.44	WXYZ
48	58.42	63.50	67.56	XY	94	116.84	121.92	125.98	WXYZ
50	60.96	66.04	70.10	XY	96	119.38	124.46	128.52	WXYZ

ORDERING INFORMATION:

P/N 2 5 4 S L - x x x S B
1 2

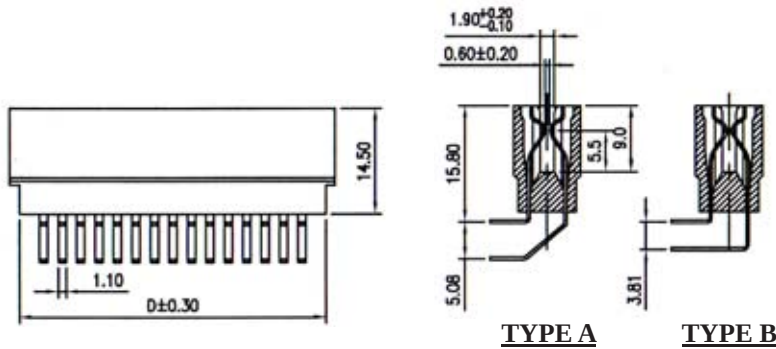
1. NO. OF CONTACTS:

006 ~ 096

2. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM CARDEDGE SLOT CONNECTOR RIGHT ANGLE TYPE



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

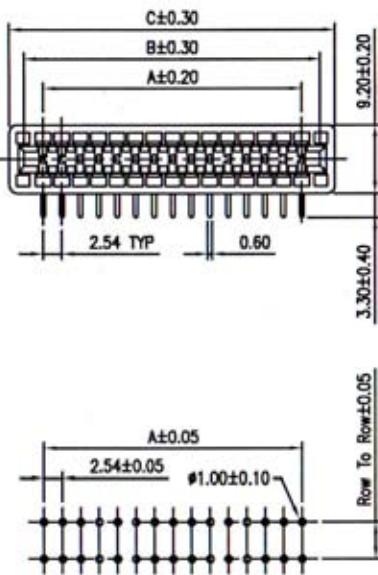
Operating Temperature: -55°C to + 85°C

MATERIALS

Insulation Material: P.B.T, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)				No. of Contacts	Dimensions(mm)			
	A	B	C	D		A	B	C	D
06	5.08	10.16	14.22	11.62	56	68.58	73.66	77.72	75.12
08	7.62	12.70	16.76	14.16	58	71.12	76.20	80.26	77.66
10	10.16	15.24	19.30	16.70	60	73.66	78.74	82.80	80.20
12	12.70	17.78	21.84	19.24	62	76.20	81.28	85.34	82.74
14	15.24	20.32	24.38	21.78	64	78.74	83.82	87.88	85.28
16	17.78	22.86	26.92	24.32	66	81.28	86.36	90.42	87.82
18	20.32	25.40	29.46	26.86	68	83.82	88.90	92.96	90.36
20	22.86	27.94	32.00	29.40	70	86.36	91.44	95.50	92.90
22	25.40	30.48	34.54	31.94	72	88.90	93.98	98.04	95.44
24	27.94	33.02	37.08	34.48	74	91.44	96.52	100.58	97.98
26	30.48	35.56	39.62	37.02	76	93.98	99.06	103.12	100.52
28	33.02	38.10	42.16	39.56	78	96.52	101.60	105.66	103.06
30	35.56	40.64	44.70	42.10	80	99.06	104.14	108.20	105.60
32	38.10	43.18	47.24	44.64	82	101.60	106.68	110.74	108.14
34	40.64	45.72	49.78	47.18	84	104.14	109.22	113.28	110.68
36	43.18	48.26	52.32	49.72	86	106.68	111.76	115.82	113.22
38	45.72	50.80	54.86	52.26	88	109.22	114.30	118.36	115.76
40	48.26	53.34	57.40	54.80	90	111.76	116.84	120.90	118.30
42	50.80	55.88	59.94	57.34	92	114.30	119.38	123.44	120.84
44	53.34	58.42	62.48	59.88	94	116.84	121.92	125.98	123.38
46	55.88	60.96	65.02	62.42	96	119.38	124.46	128.52	125.92
48	58.42	63.50	67.56	64.96	98	121.92	127.00	131.06	128.46
50	60.96	66.04	70.10	67.50	100	124.46	129.54	133.60	131.00
52	63.50	68.58	72.64	70.04	102	127.00	132.08	136.14	133.54
54	66.04	71.12	75.18	72.58	104	129.54	134.62	138.68	136.08

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}x - \frac{x}{2}xx$ S B

1. TERMINAL TYPE:

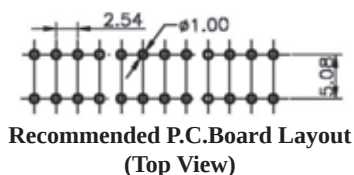
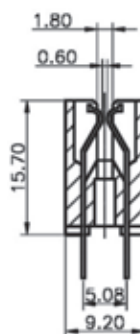
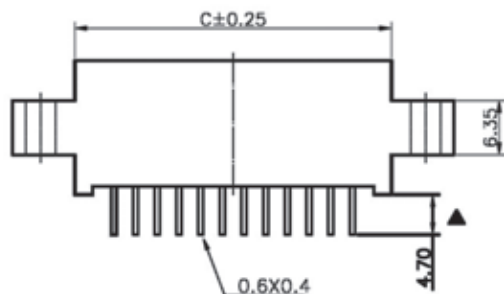
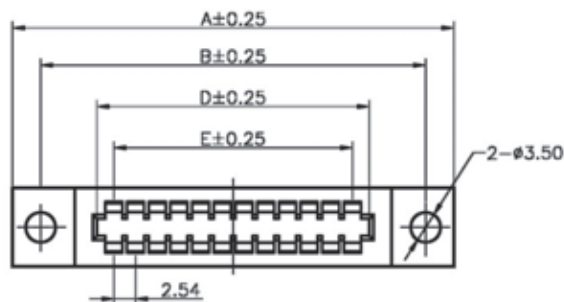
"SM" TYPE A (PITCH=5.08MM)

"TR" TYPE B (PITCH=3.81MM)

2. NO. OF CONTACTS:

006 ~ 104

2.54MM(0.100") CARDEDGE SLOT CONNECTOR STRAIGHT DIP TYPE SPACING OF ROWS=5.08MM



SPECIFICATIONS

Voltage Current Rating: 3A 30V AC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 800V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: PBT, UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
24	51.69	45.09	37.08	32.92	32.92
44	77.09	70.49	62.48	58.32	58.32
48	82.17	75.57	67.56	63.40	63.40
50	84.71	79.11	70.10	65.94	65.94
56	92.33	85.73	77.72	73.56	77.72
60	97.41	90.81	82.80	78.64	82.80
72	112.65	106.05	98.04	93.88	98.04
86	130.43	123.83	115.82	111.66	115.82
88	132.97	126.37	118.75	114.20	118.75
100	148.21	141.61	133.60	129.44	133.60

ORDERING INFORMATION:

P/N 2 5 4 L M - $\frac{x x x}{1} \frac{S B}{2 3}$

1. NO. OF CONTACTS:

024, 044, 048, 050, 056,
060, 072, 086, 088, 100

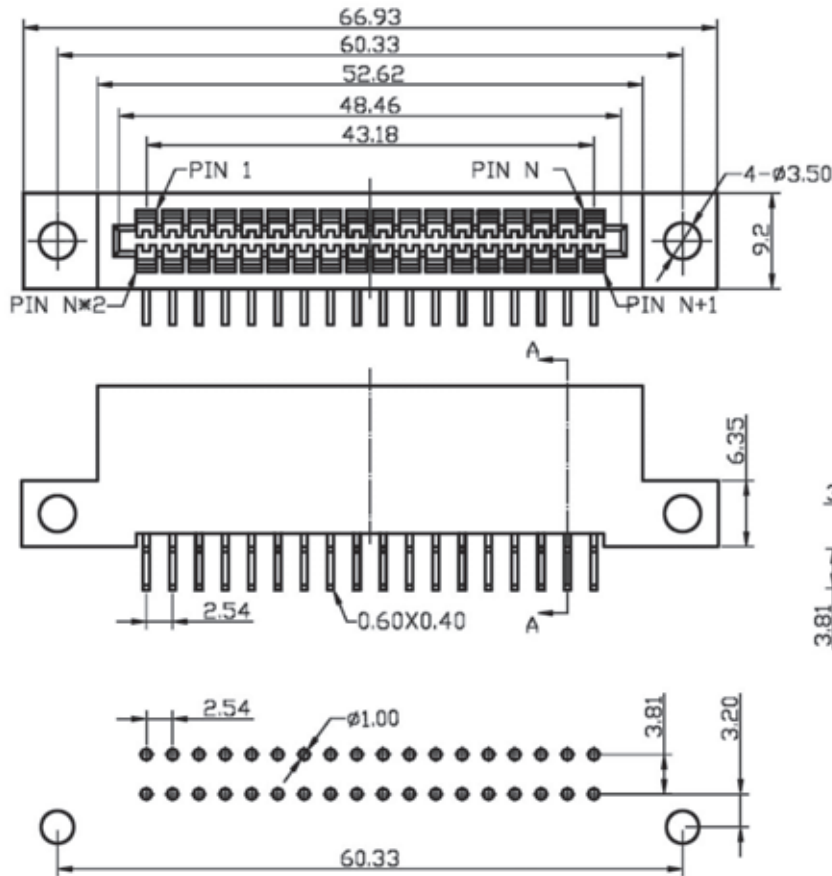
2. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

3. INSULATOR COLOR:

"B" BLACK

2.54MM(0.100") CARDEGE SLOT CONNECTOR RIGHT ANGLE TYPE SPACING OF ROWS=3.81MM



Recommended P.C.Board Layout
(Top View)

SPECIFICATIONS

Voltage Current Rating: 3A 30V AC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 800V AC/Min.

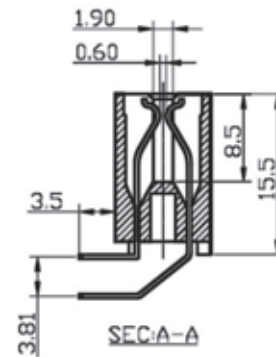
Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: PBT, UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 4 K U - $\frac{x x x}{1}$ $\frac{S B}{2 3}$

1. NO. OF CONTACTS:

024, 036, 044, 048, 050, 056,
060, 072, 086, 088, 100

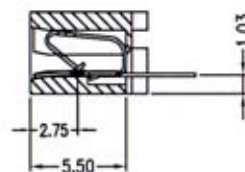
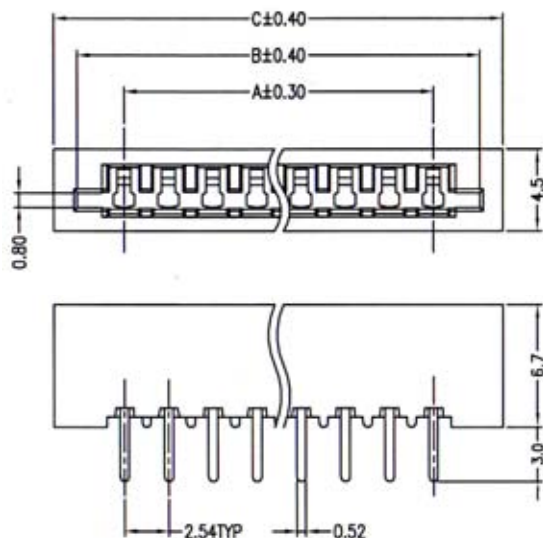
2. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

3. INSULATOR COLOR:

"B" BLACK

2.54MM FPC/FFC NON-ZIF CONNECTOR DUAL BEAM CONTACT STRAIGHT TYPE



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 25mΩ Max.

Operating Temperature: -55°C to + 85°C

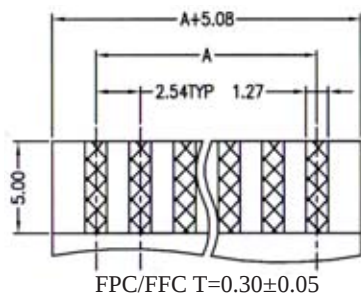
MATERIALS

Insulation Material:

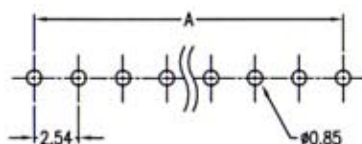
Glass-Reinforced Thermoplastic

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



FPC/FFC T=0.30±0.05



TOLERANCES:±0.05

Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)			No. of Contacts	Dimensions(mm)		
	A	B	C		A	B	C
02	2.54	8.43	10.54	15	35.56	41.45	43.56
03	5.08	10.97	13.08	16	38.10	43.99	46.10
04	7.62	13.51	15.62	17	40.64	46.53	48.64
05	10.16	16.05	18.16	18	43.18	49.07	51.18
06	12.70	18.59	20.70	19	45.72	51.60	53.72
07	15.24	21.13	23.24	20	48.26	54.15	56.26
08	17.78	23.67	25.78	21	50.80	56.69	58.80
09	20.32	26.21	28.32	22	53.34	59.23	61.34
10	22.86	28.75	30.86	23	55.88	61.77	63.88
11	25.40	31.29	33.40	24	58.42	64.31	66.42
12	27.94	33.83	35.94	25	60.96	66.85	68.96
13	30.48	36.37	38.48	26	63.50	69.39	71.50
14	33.02	38.91	41.02	27	66.04	71.93	74.04

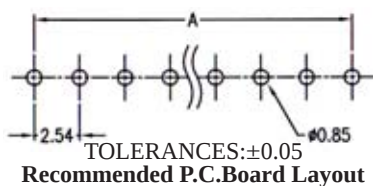
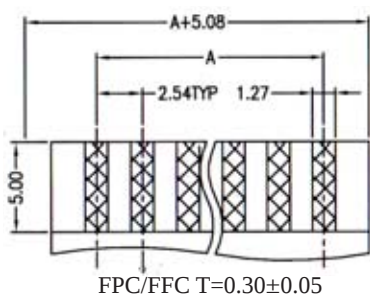
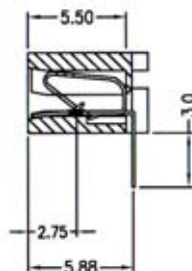
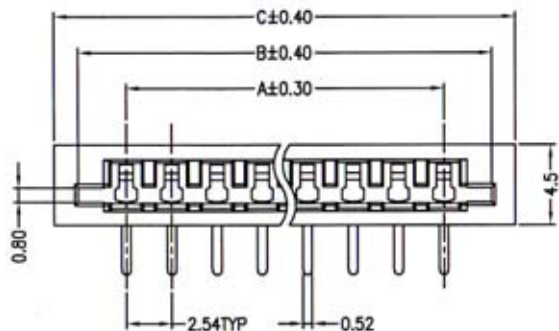
ORDERING INFORMATION:

P/N 2 5 4 Z S - XXX T B
1

1. NO. OF CONTACTS:
002 ~ 030

NOTE: PACKED IN TUBE

2.54MM FPC/FFC NON-ZIF CONNECTOR DUAL BEAM CONTACT RIGHT ANGLE TYPE



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 25mΩ Max.

Operating Temperature: -55°C to + 85°C

MATERIALS

Insulation Material:

Glass-Reinforced Thermoplastic

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)			No. of Contacts	Dimensions(mm)		
	A	B	C		A	B	C
02	2.54	8.43	10.54	15	35.56	41.45	43.56
03	5.08	10.97	13.08	16	38.10	43.99	46.10
04	7.62	13.51	15.62	17	40.64	46.53	48.64
05	10.16	16.05	18.16	18	43.18	49.07	51.18
06	12.70	18.59	20.70	19	45.72	51.60	53.72
07	15.24	21.13	23.24	20	48.26	54.15	56.26
08	17.78	23.67	25.78	21	50.80	56.69	58.80
09	20.32	26.21	28.32	22	53.34	59.23	61.34
10	22.86	28.75	30.86	23	55.88	61.77	63.88
11	25.40	31.29	33.40	24	58.42	64.31	66.42
12	27.94	33.83	35.94	25	60.96	66.85	68.96
13	30.48	36.37	38.48	26	63.50	69.39	71.50
14	33.02	38.91	41.02	27	66.04	71.93	74.04

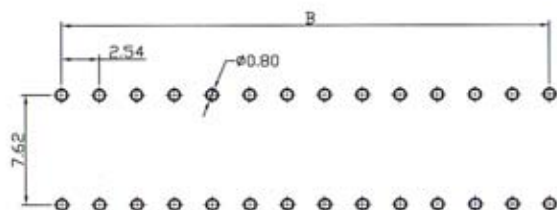
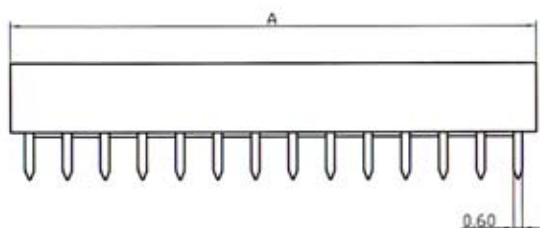
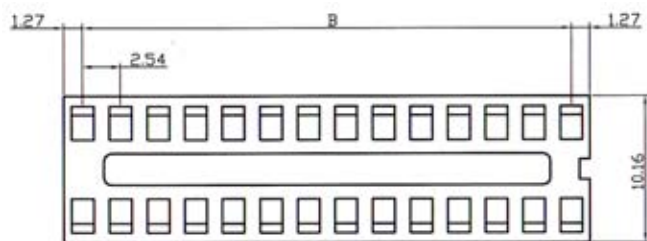
ORDERING INFORMATION:

P/N 2 5 4 Z R - x x x T B
1

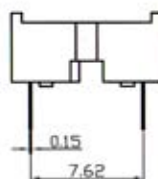
1. NO. OF CONTACTS:
002 ~ 030

NOTE: PACKED IN TUBE

2.54MM(0.100") IC SOCKET WITH STAMPED CONTACTS (1)



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -55°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
06	7.62	5.08
08	10.16	7.62
14	17.78	15.24
16	20.32	17.78
18	22.86	20.32
20	25.40	22.86
22	27.94	25.40

ORDERING INFORMATION:

P/N 2 5 4 C S - x x x T B
1 2 3

1. SPACING OF DUAL ROW CONTACTS:

"CS" 7.62mm W/O BEAM

2. NO. OF CONTACTS:

006, 008, 014, 016, 018, 020, 022

3. CONTACT FINISH:

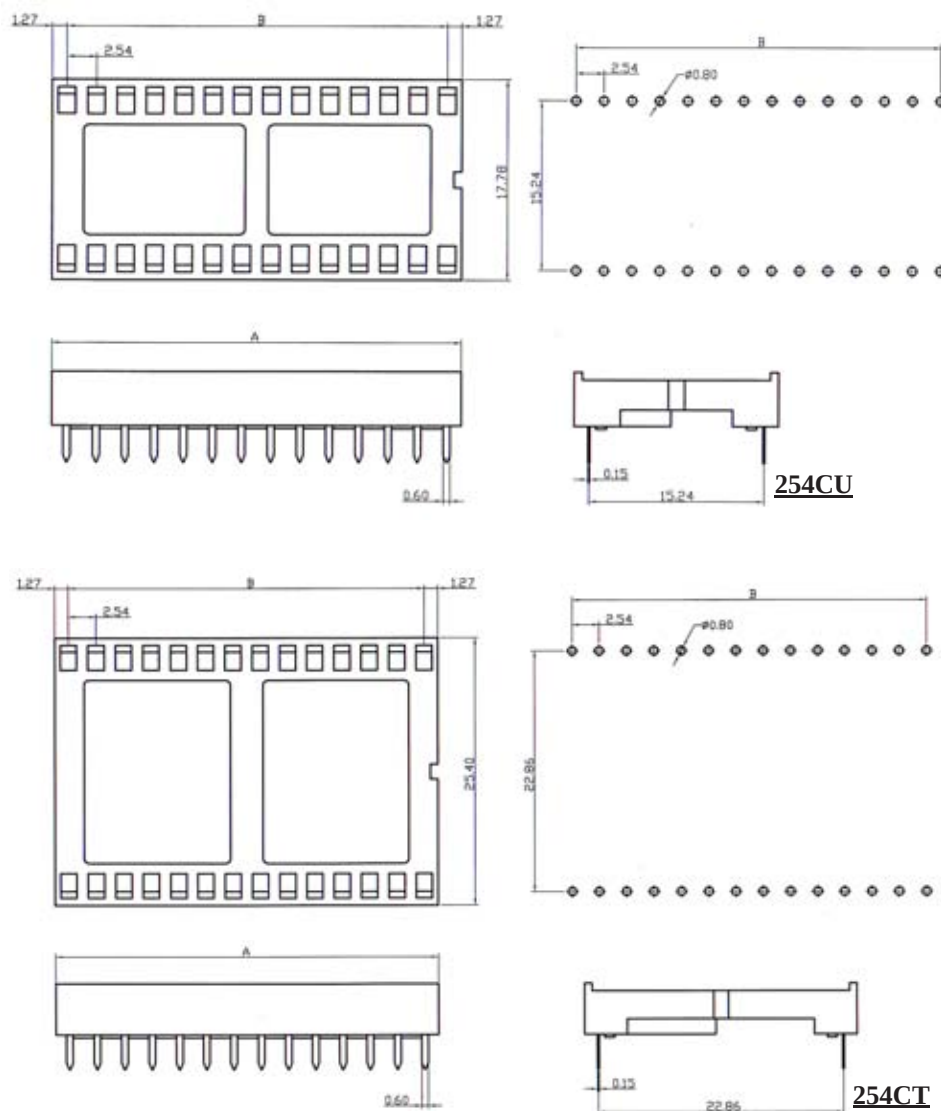
"T" FULL TIN PLATED

NOTE: 1. PACKED IN TUBE

2. IC CONTACT EXTRACTOR:

P/N HT-103A

2.54MM(0.100") IC SOCKET WITH STAMPED CONTACTS (2)



SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstanding: 1000V AC
Insulation Resistance: 5000MΩ Min
Contact Resistance: 20mΩ Max.
Operating Temperature: -55°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0
Contact Material: Copper Alloy
 All materials must be RoHS compliant.

254CU

No. of Contacts	Dimensions(mm)	
	A	B
24	30.48	27.94
28	35.56	33.02
32	40.64	38.10
40	50.80	48.26
42	53.34	50.80
48	60.96	58.42

254CT

No. of Contacts	Dimensions(mm)	
	A	B
64	81.28	78.74

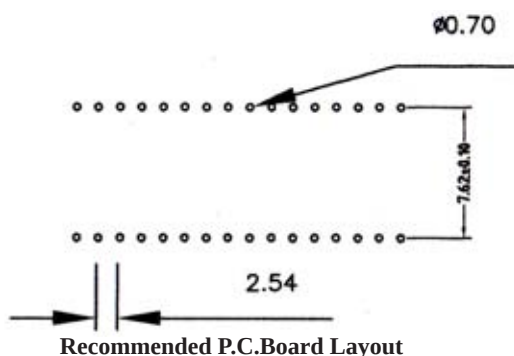
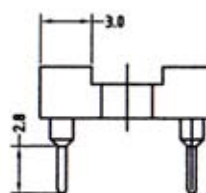
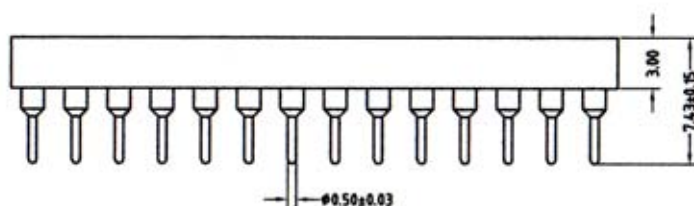
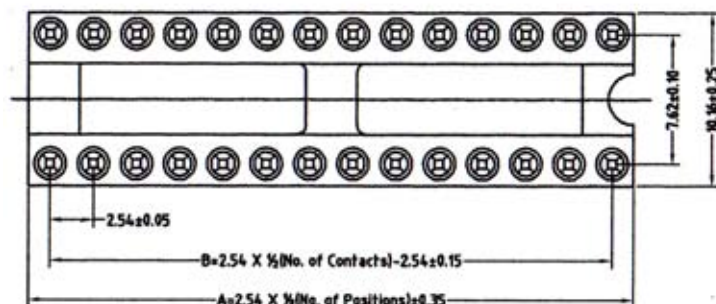
ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}x$ - $\frac{x}{2}x$ $\frac{T}{3}B$

- SPACING OF DUAL ROW CONTACTS:
 "CU" 15.24mm WITH BEAM
 "CT" 22.86mm WITH BEAM
- NO. OF CONTACTS:
 FOR 254CU: 024, 028, 032, 040, 042, 048
 FOR 254CT: 064
- CONTACT FINISH:
 "T" FULL TIN PLATED

NOTE: 1. PACKED IN TUBE
 2. IC CONTACT EXTRACTOR:
 P/N HT-103A

2.54MM(0.100") IC SOCKET WITH SCREW MACHINED CONTACTS ROW SPACING=7.62MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Operating Voltage: 60V AC/DC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 4mΩ Max.

Operating Temperature:

Gold Plated: -55°C to + 105°C

Tin Plated: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
06	7.62	5.08
08	10.16	7.62
14	17.78	15.24
16	20.32	17.78
18	22.86	20.32
20	25.40	22.86
24	30.48	27.94
28	35.56	33.02

ORDERING INFORMATION:

P/N 2 5 M 5 1 - x x x x B
1 2 3

1. SPACING OF ROWS:

"M51" 7.62mm(0.300")

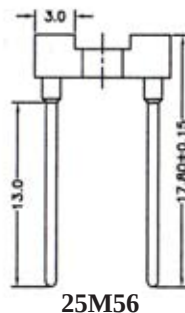
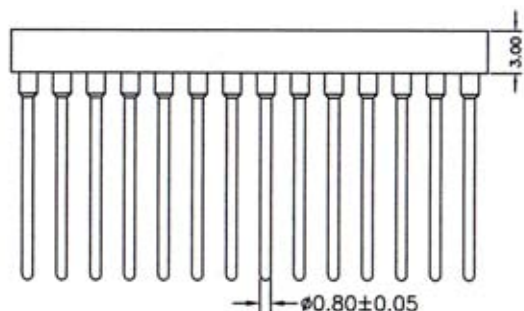
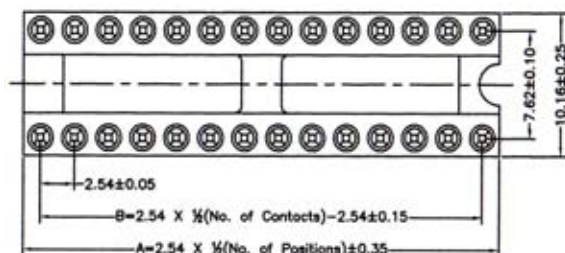
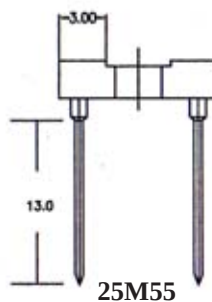
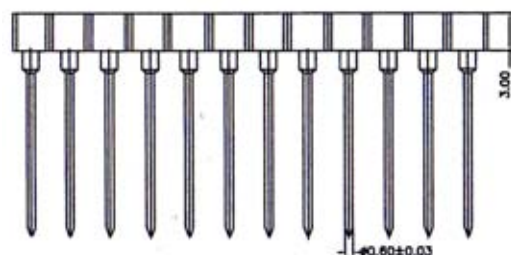
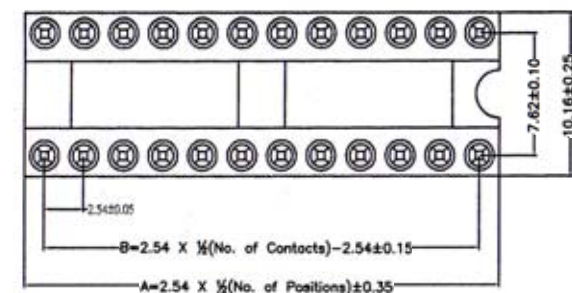
2. NO. OF CONTACTS:

006, 008, 014, 016, 018, 020, 024, 028

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") IC SOCKET WITH LONG SCREW MACHINED CONTACTS ROW SPACING=7.62MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Operating Voltage: 60V AC/DC

Insulation Resistance: 1000M Ω Min

Contact Resistance: 4m Ω Max.

Operating Temperature:

Gold Plated: -55 $^{\circ}$ C to + 125 $^{\circ}$ C

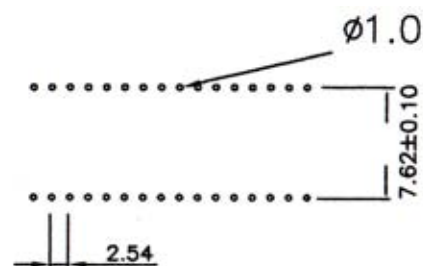
Tin Plated: -40 $^{\circ}$ C to + 105 $^{\circ}$ C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)	
	A	B
06	7.62	5.08
08	10.16	7.62
14	17.78	15.24
16	20.32	17.78
18	22.86	20.32
20	25.40	22.86
24	30.48	27.94
28	35.56	33.02

ORDERING INFORMATION:

P/N 25 $\frac{M \times x}{1} - \frac{x \times x \times x}{2} \frac{x}{3} B$

1. TERMINAL TYPE:

"M55" $\phi 0.60$ mm PINS

"M56" $\phi 0.80$ mm PINS

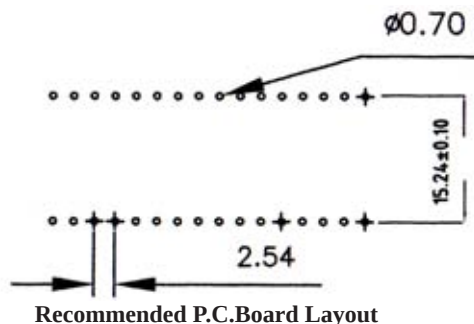
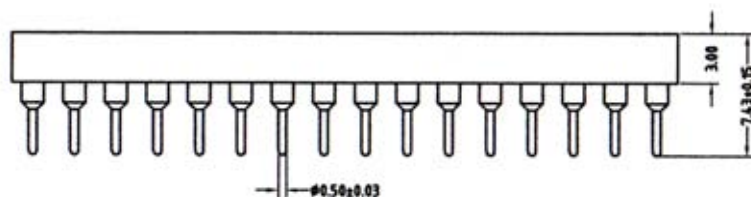
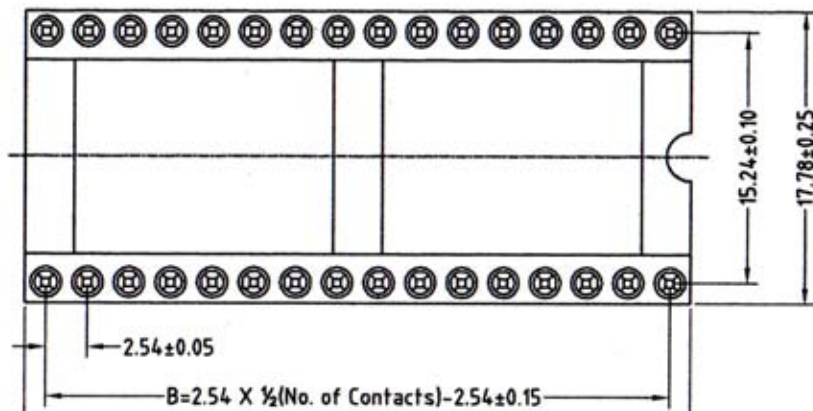
2. NO. OF CONTACTS:

006, 008, 014, 016, 018, 020, 024, 028

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") IC SOCKET WITH SCREW MACHINED CONTACTS ROW SPACING=15.24MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Operating Voltage: 60V AC/DC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 4mΩ Max.

Operating Temperature:

Gold Plated: -55°C to + 105°C

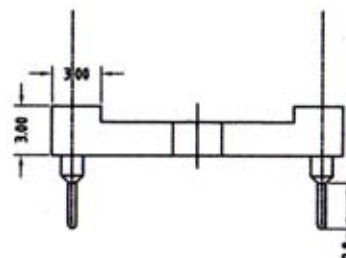
Tin Plated: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
24	30.48	27.94
28	35.56	33.02
32	40.64	38.10
40	50.80	48.26
48	60.96	58.42

ORDERING INFORMATION:

P/N 2 5 M 5 3 - x x x x B
1 2 3

1. SPACING OF ROWS:

"M53" 15.24mm(0.600")

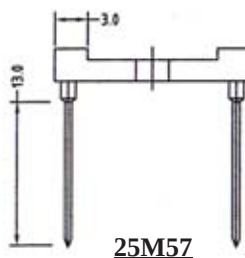
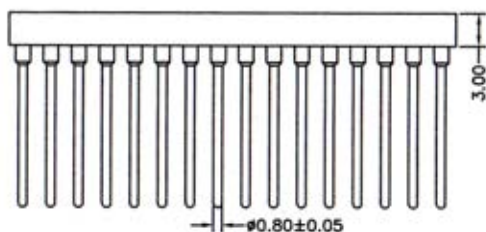
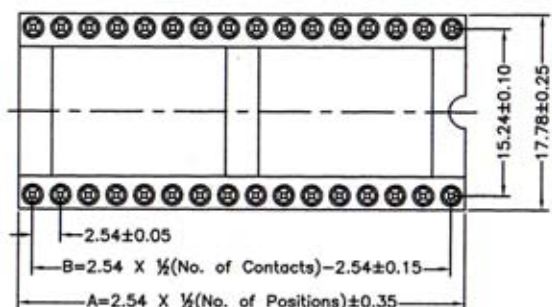
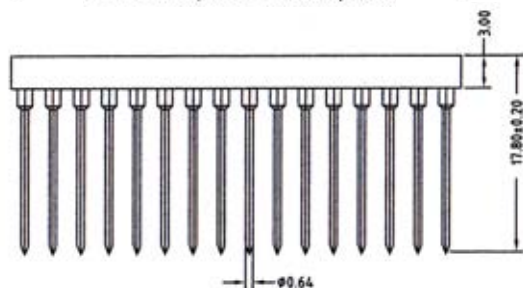
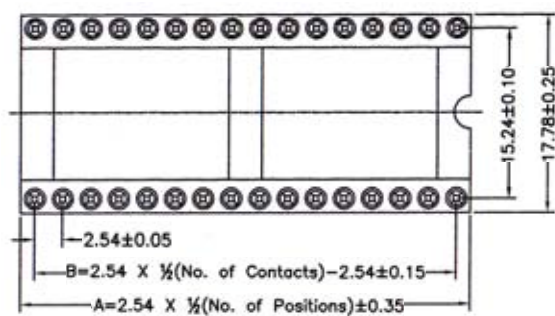
2. NO. OF CONTACTS:

024, 028, 032, 040, 048

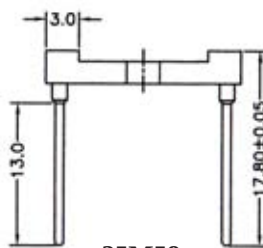
3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") IC SOCKET WITH LONG SCREW MACHINED CONTACTS ROW SPACING=15.24MM



25M57



25M58

SPECIFICATIONS

Current Rating: 3.0 Amp

Operating Voltage: 60V AC/DC

Insulation Resistance: 1000M Ω Min

Contact Resistance: 4m Ω Max.

Operating Temperature:

Gold Plated: -55 $^{\circ}$ c to + 105 $^{\circ}$ c

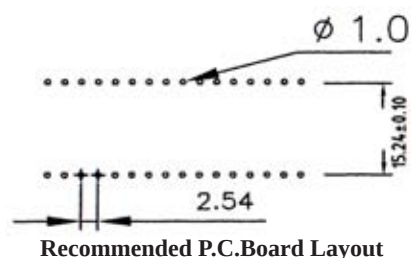
Tin Plated: -40 $^{\circ}$ c to + 105 $^{\circ}$ c

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)	
	A	B
24	30.48	27.94
28	35.56	33.02
32	40.64	38.10
40	50.80	48.26
48	60.96	58.42

ORDERING INFORMATION:

P/N 25 M x x - x x x x B
1 2 3

1. TERMINAL TYPE:

"M57" $\phi 0.60$ mm PINS

"M58" $\phi 0.80$ mm PINS

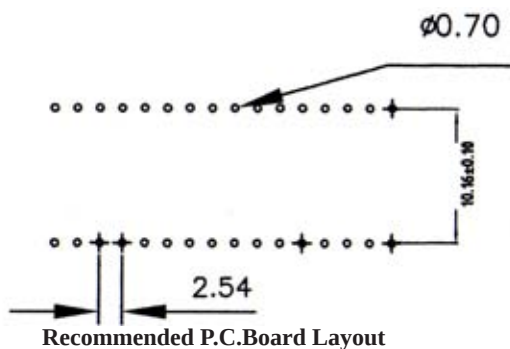
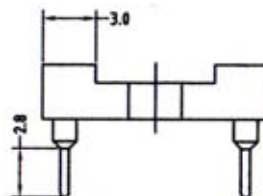
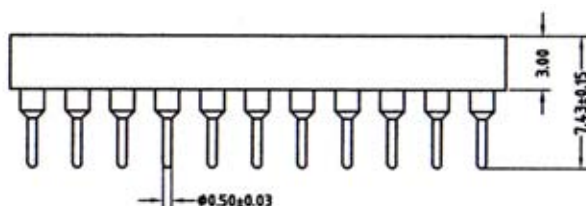
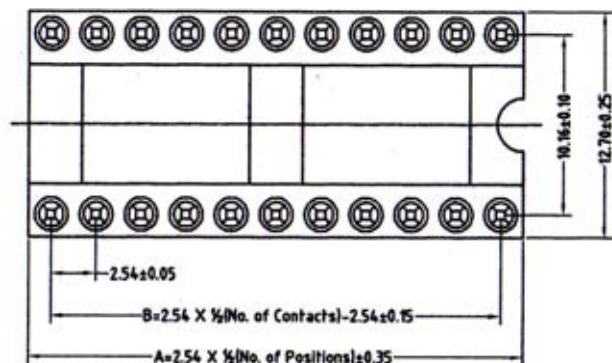
2. NO. OF CONTACTS:

024, 028, 032, 040, 048

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") IC SOCKET WITH SCREW MACHINED CONTACTS ROW SPACING=10.16MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Operating Voltage: 60V AC/DC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 4mΩ Max.

Operating Temperature:

Gold Plated: -55°C to + 105°C

Tin Plated: -40°C to + 105°C

Soldering Temperature: 240°C for 10 seconds

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
20	25.40	22.86
22	27.94	25.40
24	30.48	27.94
28	35.56	30.48
32	40.64	35.56

ORDERING INFORMATION:

P/N 2 5 M 5 2 - x x x x B
1 2 3

1. SPACING OF ROWS:

"M52" 10.16mm(0.400")

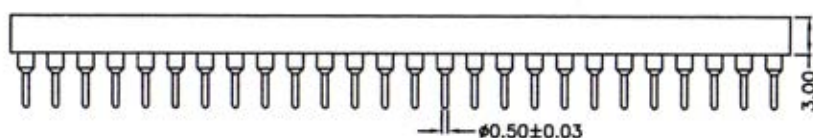
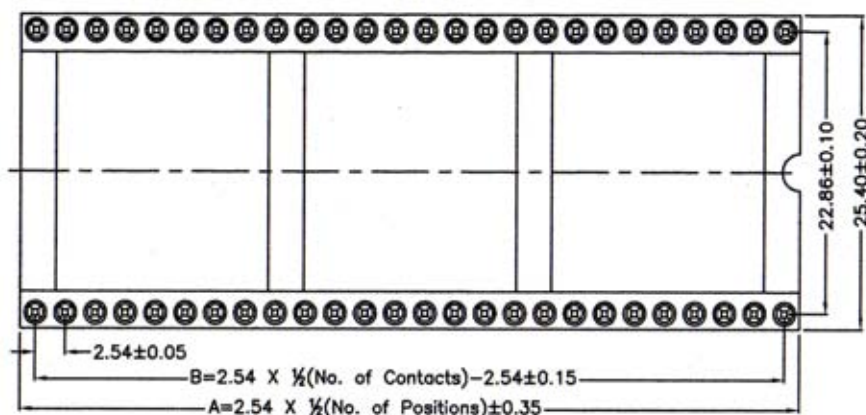
2. NO. OF CONTACTS:

020, 022, 024, 028, 032

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") IC SOCKET WITH SCREW MACHINED CONTACTS ROW SPACING=22.86MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Operating Voltage: 60V AC/DC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 4mΩ Max.

Operating Temperature:

Gold Plated: -55°C to +105°C

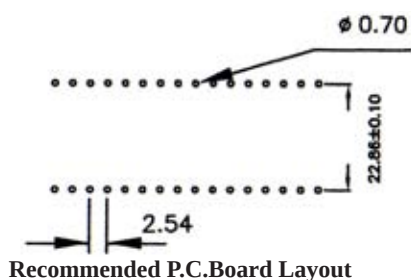
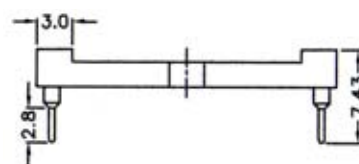
Tin Plated: -40°C to +105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
50	63.50	60.96
52	66.04	63.50
64	81.28	78.74

ORDERING INFORMATION:

P/N 2 5 M 5 4 - x x x x B
1 2 3

1. SPACING OF ROWS:

"M54" 22.86mm(0.900")

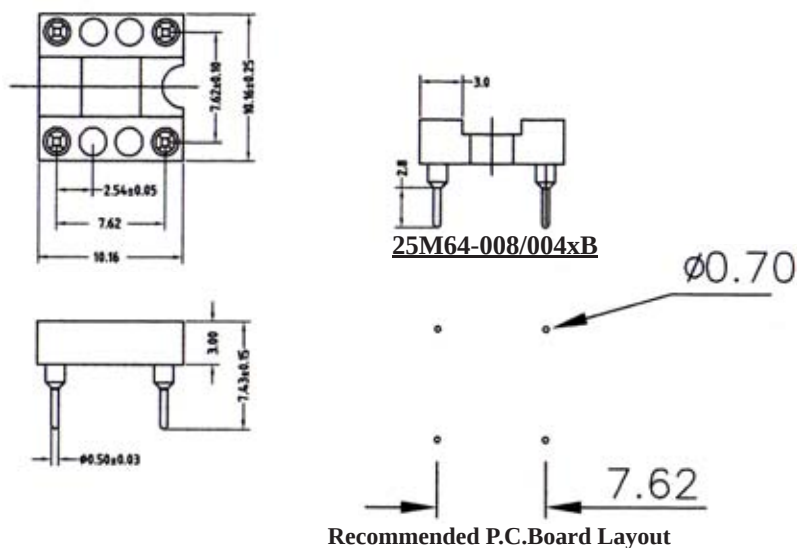
2. NO. OF CONTACTS:

050, 052, 064

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") IC SOCKET WITH SCREW MACHINED CONTACTS



SPECIFICATIONS

Current Rating: 3.0 Amp

Contact Resistance: 4mΩ Max.

Insulation Resistance: 1000MΩ Min

Operating Voltage: 60V AC/DC

Operating Temperature:

Gold Plated: -55°C to + 105°C

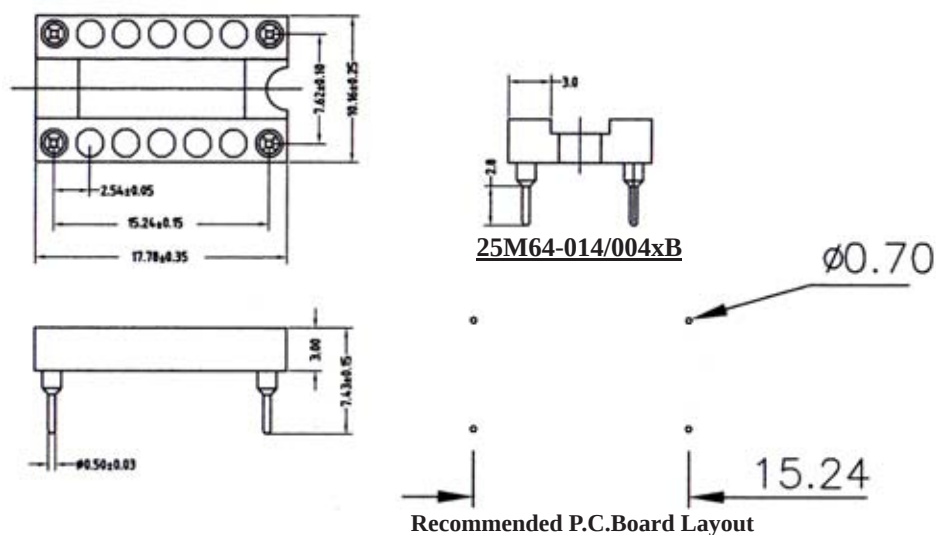
Tin Plated: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 25 M64 - xxx/xxxx 3 B

1. VOID POSITIONS:

"M64" 4 CONTACTS (THE OTHERS NC)

2. NO. OF POSITIONS & CONTACTS:

"008/004" 4 PINS IN 8 POSITIONS

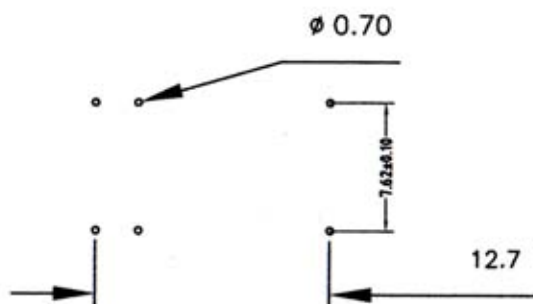
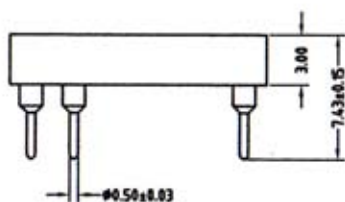
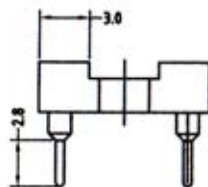
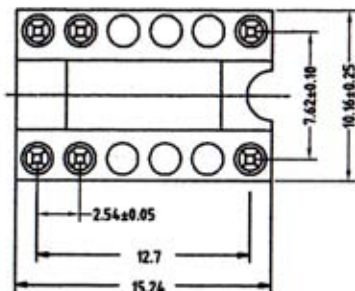
"014/004" 4 PINS IN 14 POSITIONS

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

NOTE: Customer's designs are welcome!

2.54MM(0.100") IC SOCKET WITH SCREW MACHINED CONTACTS



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Contact Resistance: 4mΩ Max.

Insulation Resistance: 1000MΩ Min

Operating Voltage: 60V AC/DC

Operating Temperature:

Gold Plated: -55°C to +105°C

Tin Plated: -40°C to +105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 M 6 6 - x x x / x x x x B
 1 2 3

1. VOID POSITIONS:

"M66" 6 CONTACTS (THE OTHERS NC)

2. NO. OF POSITIONS & CONTACTS:

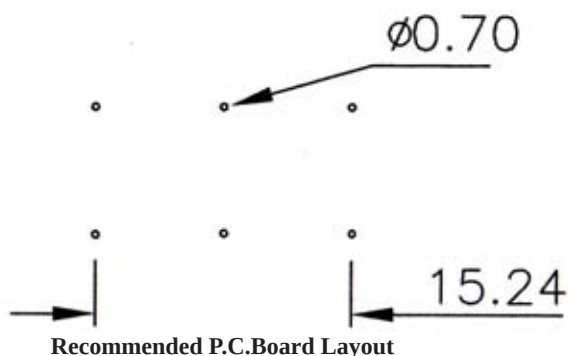
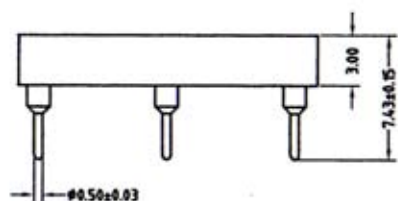
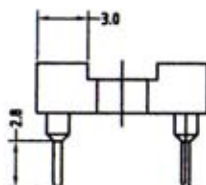
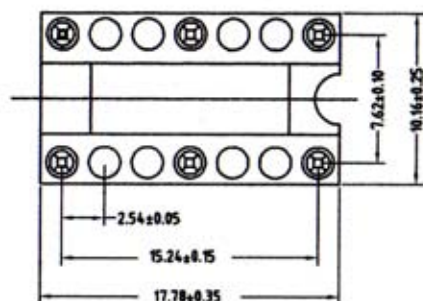
"012/006" 6 PINS IN 12 POSITIONS

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

NOTE: Customer's designs are welcome!

2.54MM(0.100") IC SOCKET WITH SCREW MACHINED CONTACTS



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Contact Resistance: 4mΩ Max.

Insulation Resistance: 1000MΩ Min

Operating Voltage: 60V AC/DC

Operating Temperature:

Gold Plated: -55°C to + 105°C

Tin Plated: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

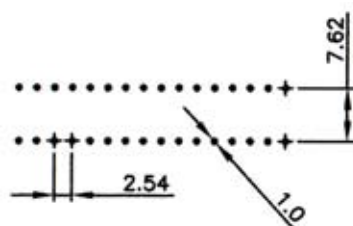
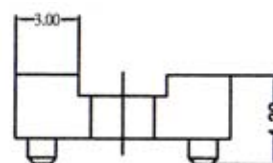
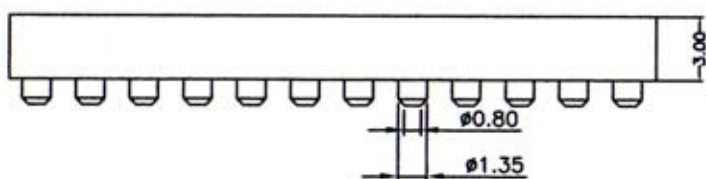
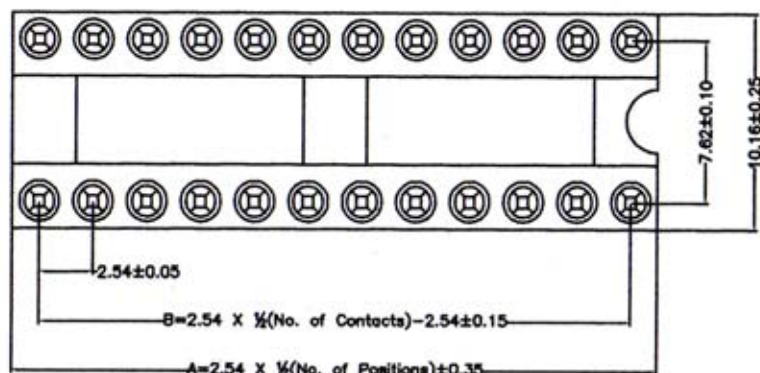
ORDERING INFORMATION:

P/N 2 5 M 6 5 - x x x / x x x x B

1. VOID POSITIONS:
"M65" 6 CONTACTS (THE OTHERS NC)
2. NO. OF POSITIONS & CONTACTS:
"014/006" 6 PINS IN 14 POSITIONS
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED

NOTE: Customer's designs are welcome!

2.54MM(0.100") IC SOCKET SMT TYPE WITH SCREW MACHINED CONTACTS ROW SPACING=7.62MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Operating Voltage: 60V AC/DC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 4mΩ Max.

Operating Temperature:

Gold Plated: -55°C to + 125°C

Tin Plated: -40°C to + 105°C

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

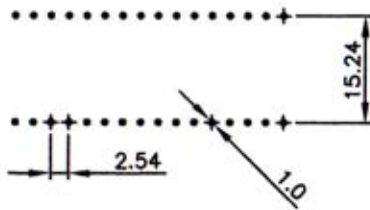
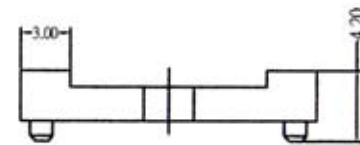
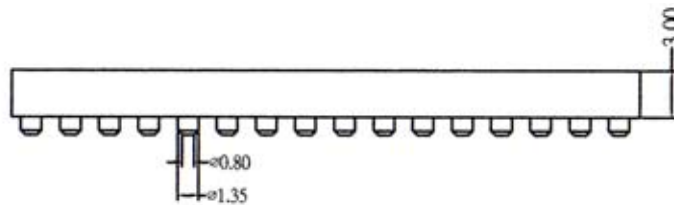
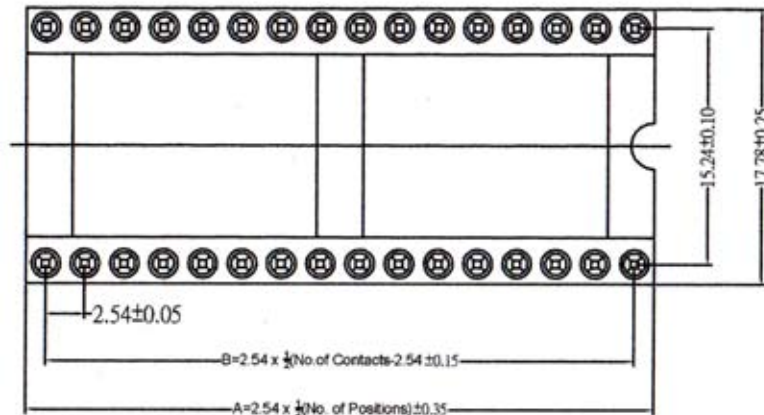
No. of Contacts	Dimensions(mm)	
	A	B
06	7.62	5.08
08	10.16	7.62
14	17.78	15.24
16	20.32	17.78
18	22.86	20.32
20	25.40	22.86
24	30.48	27.94
28	35.56	33.02

ORDERING INFORMATION:

P/N 2 5 M 5 9 - x x x x B
 1 2 3

1. TERMINAL TYPE:
"M59" 7.62MM(0.300") SPACING SMT TYPE
2. NO. OF CONTACTS:
006, 008, 014, 016, 018, 020, 024, 028
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED

2.54MM(0.100") IC SOCKET SMT TYPE WITH SCREW MACHINED CONTACTS ROW SPACING=15.24MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Contact Resistance: 4mΩ Max.

Insulation Resistance: 1000MΩ Min

Operating Voltage: 60V AC/DC

Operating Temperature:

Gold Plated: -55°C to + 125°C

Tin Plated: -40°C to + 105°C

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

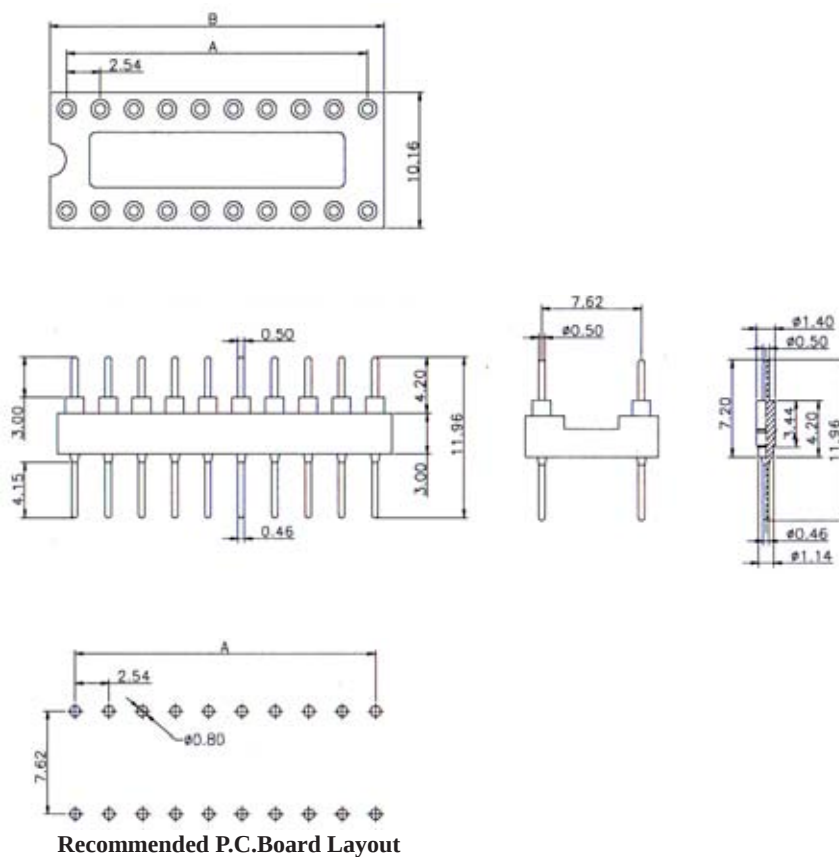
No. of Contacts	Dimensions(mm)	
	A	B
24	30.48	27.94
28	35.56	33.02
32	40.64	38.10
40	50.80	48.26
48	60.96	58.42

ORDERING INFORMATION:

P/N 2 5 M 6 0 - x x x x B
1 2 3

1. TERMINAL TYPE:
"M60" 15.24MM(0.600") SPACING SMT TYPE
2. NO. OF CONTACTS:
024, 028, 032, 040, 048
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED

2.54MM(0.100") IC ADAPTER STRIP WITH SCREW MACHINED CONTACTS ROW SPACING=7.62MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 100mΩ Max.

Operating Temperature: -55°C to + 125°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

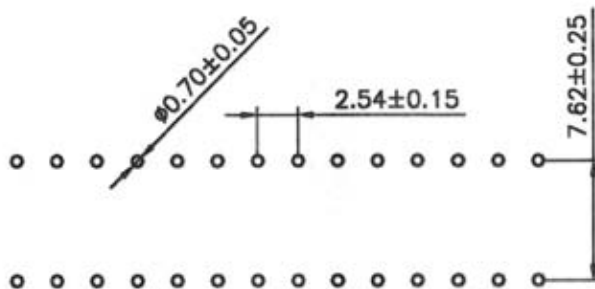
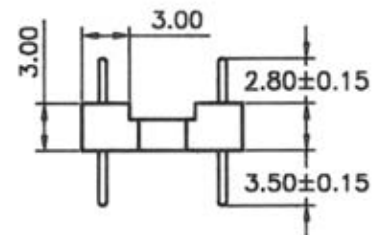
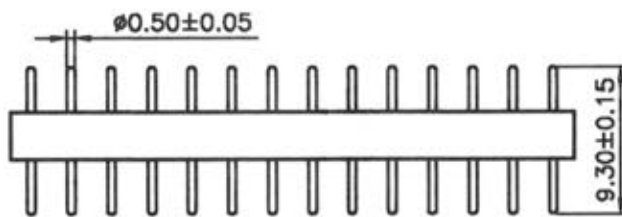
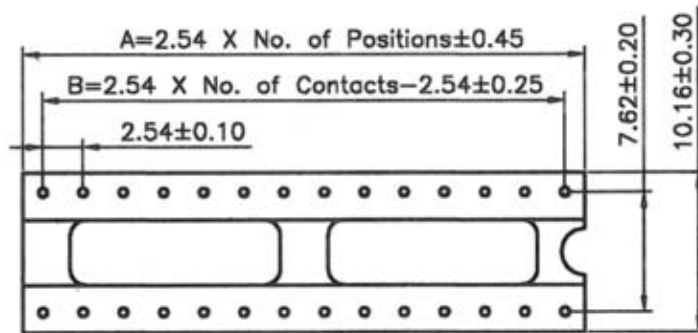
No. of Contacts	Dimensions(mm)	
	A	B
06	5.08	7.62
08	7.62	10.16
10	10.16	12.70
14	15.24	17.78
16	17.78	20.32
18	20.32	22.86
20	22.86	25.40
22	25.40	27.94
24	27.94	30.48
28	33.02	35.56
32	38.10	40.64

ORDERING INFORMATION:

P/N 2 5 M 7 3 - x x x x B
1 2 3

- SPACING OF ROWS:
"M73" 7.62MM(0.300") W/O BEAM
- NO. OF CONTACTS:
006, 008, 010, 014, 016, 018, 020, 022,
024, 028, 032
- CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") IC ADAPTER WITH SCREW MACHINED CONTACTS SPACING=7.62MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: $4m\Omega$ Max.

Insulator Resistance: 1000M Ω Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -40°C to $+105^{\circ}\text{C}$

MATERIALS

Insulator: Glass Filled Thermoplastic
Polyester UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

All materials must be RoHS compliant.

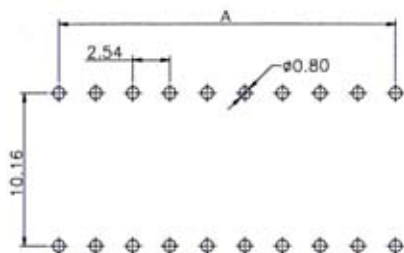
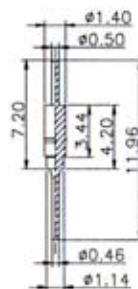
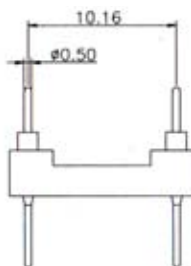
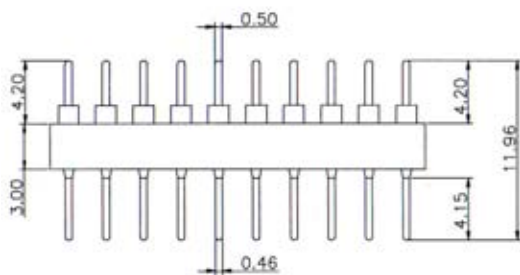
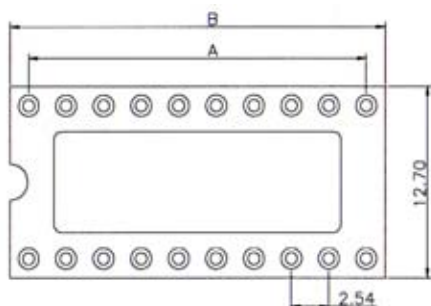
NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
20	25.40	22.86
24	30.48	30.48
28	35.56	33.02
32	40.46	48.26
40	50.80	48.26
48	60.96	58.42

ORDERING INFORMATION:

P/N 2 5 M 6 2 - x x x x B
 1 2 3

- SPACING OF ROWS:
"M62" 7.62MM (0.300")
- NO. OF CONTACTS:
020, 024, 028, 032, 040, 048
- CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") IC ADAPTER STRIP WITH SCREW MACHINED CONTACTS ROW SPACING=10.16MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 100mΩ Max.

Operating Temperature: -55°C to + 125°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

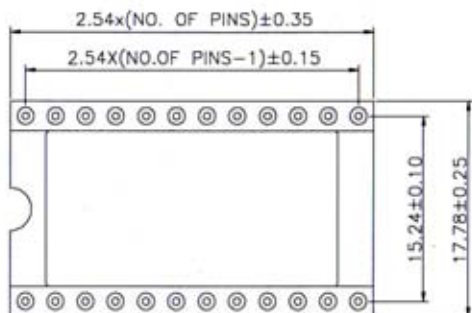
No. of Contacts	Dimensions(mm)	
	A	B
20	22.86	25.40
22	25.40	27.94
24	27.94	30.48
28	33.02	35.56
32	38.10	40.64

ORDERING INFORMATION:

P/N 2 5 M 7 4 - x x x x B
1 2 3

- SPACING OF ROWS:
"M74" 10.16MM(0.400") W/O BEAM
- NO. OF CONTACTS:
020, 022, 024, 028, 032
- CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") IC ADAPTER STRIP WITH SCREW MACHINED CONTACTS ROW SPACING=15.24MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 100mΩ Max.

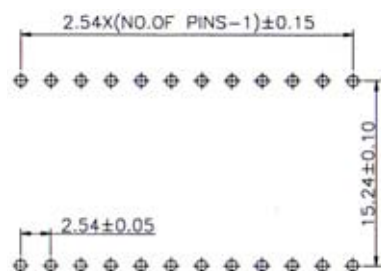
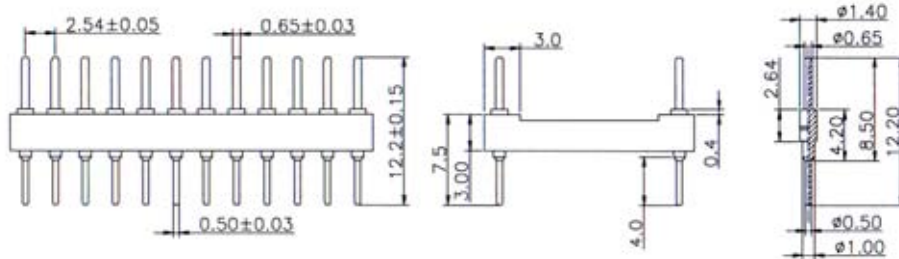
Operating Temperature: -55°C to + 125°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.



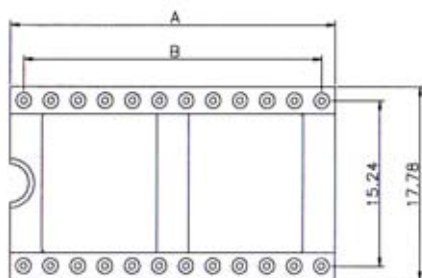
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 M 7 5 - x x x x B
 1 2 3

1. SPACING OF ROWS:
"M75" 15.24MM(0.600") W/O BEAM
2. NO. OF CONTACTS:
020, 024, 028, 032, 036, 040, 042, 048
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") IC ADAPTER STRIP WITH SCREW MACHINED CONTACTS ROW SPACING=15.24MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 100mΩ Max.

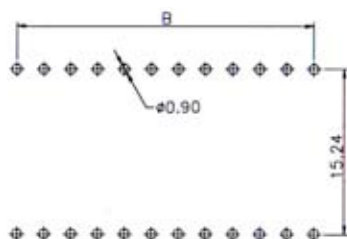
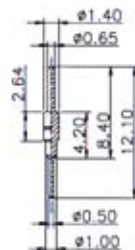
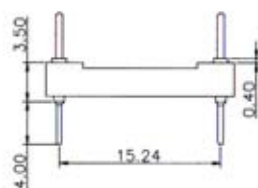
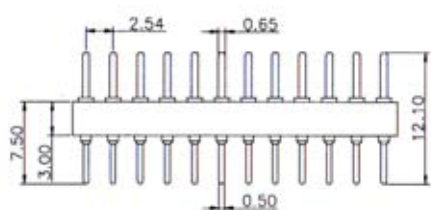
Operating Temperature: -55°C to + 125°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout

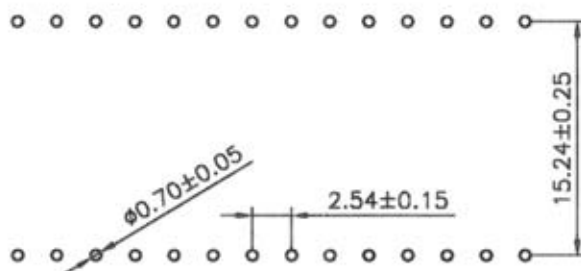
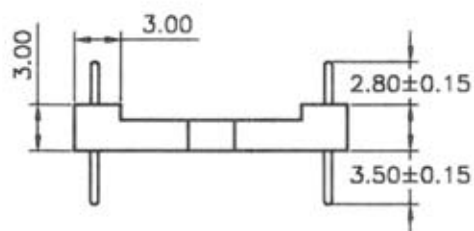
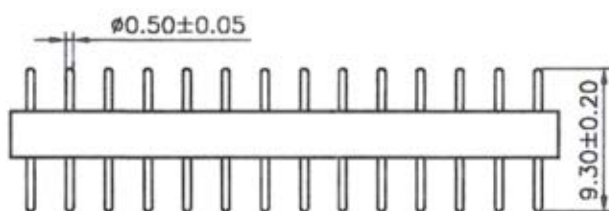
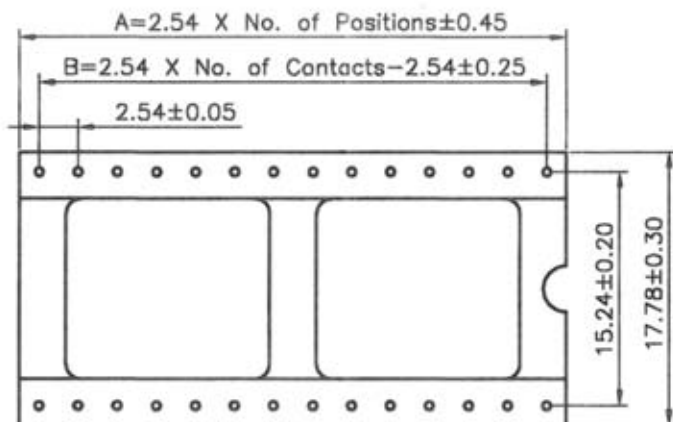
No. of Contacts	Dimensions(mm)	
	A	B
20	25.40	22.86
24	30.48	27.94
28	35.56	33.02
32	40.64	38.10
36	45.72	43.18
40	50.80	48.26
42	53.34	50.80
48	60.96	58.42

ORDERING INFORMATION:

P/N 2 5 M 7 6 - x x x x B
1 2 3

- SPACING OF ROWS:
"M76" 15.24MM(0.600") WITH ONE BEAM
- NO. OF CONTACTS:
020, 024, 028, 032, 036, 040, 042, 048
- CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") IC ADAPTER WITH SCREW MACHINED CONTACTS SPACING=15.24MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Glass Filled Thermoplastic
Polyester UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

All materials must be RoHS compliant.

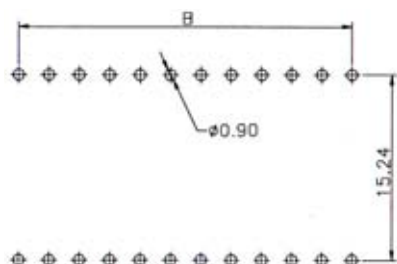
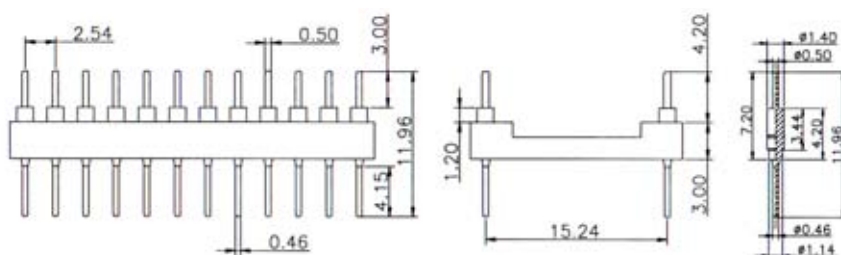
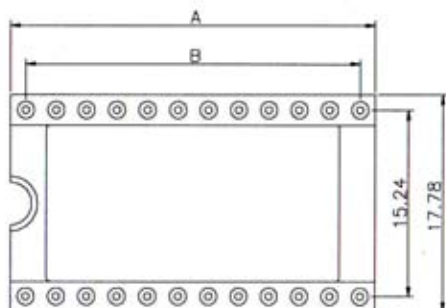
NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
20	25.40	22.86
24	30.48	30.48
28	35.56	33.02
32	40.46	48.26
42	53.34	50.80
48	60.96	58.42
64	81.28	78.74

ORDERING INFORMATION:

P/N 2 5 M 6 1 - x x x x B
 1 2 3

- SPACING OF ROWS:
"M61" 15.24MM (0.600")
- NO. OF CONTACTS:
020, 024, 028, 032, 042, 048, 064
- CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") IC ADAPTER STRIP WITH SCREW MACHINED CONTACTS ROW SPACING=15.24MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 100mΩ Max.

Operating Temperature: -55°C to + 125°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

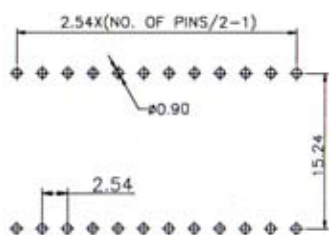
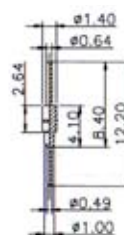
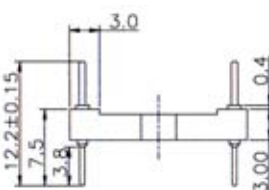
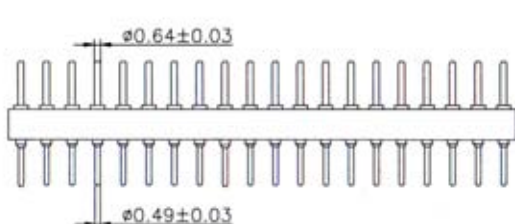
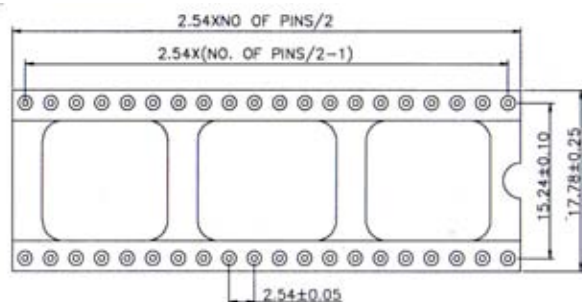
No. of Contacts	Dimensions(mm)	
	A	B
24	30.48	27.94
28	35.56	33.02
32	40.64	38.10
36	45.72	43.18
42	53.34	50.80
48	60.96	58.42
50	63.50	60.96
52	66.04	63.50

ORDERING INFORMATION:

P/N 2 5 M 7 7 - x x x x B
 1 2 3

- SPACING OF ROWS:
"M77" 15.24MM(0.600") W/O BEAM
- NO. OF CONTACTS:
024, 028, 032, 036, 042, 048, 050, 052
- CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") IC ADAPTER STRIP WITH SCREW MACHINED CONTACTS ROW SPACING=15.24MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 100mΩ Max.

Operating Temperature: -55°C to + 125°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Copper Alloy

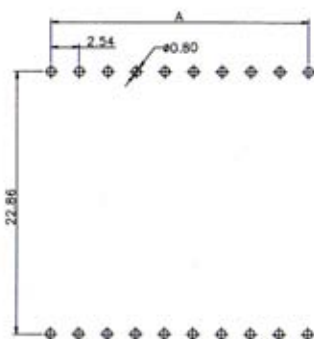
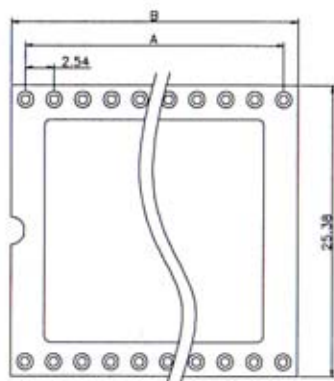
All materials must be RoHS compliant.

ORDERING INFORMATION:

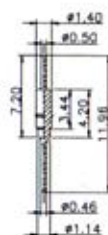
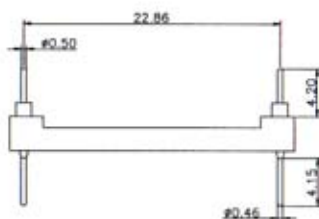
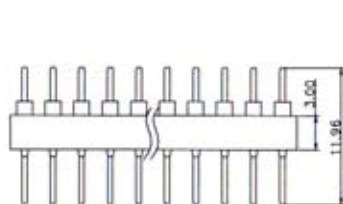
P/N 2 5 M 7 8 - x x x x B
1 2 3

1. SPACING OF ROWS:
"M78" 15.24MM(0.600") WITH TWO BEAMS
2. NO. OF CONTACTS:
024, 028, 032, 036, 042, 048
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") IC ADAPTER STRIP WITH SCREW MACHINED CONTACTS ROW SPACING=22.86MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 100mΩ Max.

Operating Temperature: -55°C to + 125°C

MATERIALS

Insulation Material: P.B.T, UL 94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

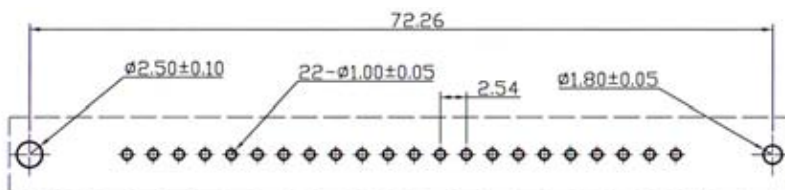
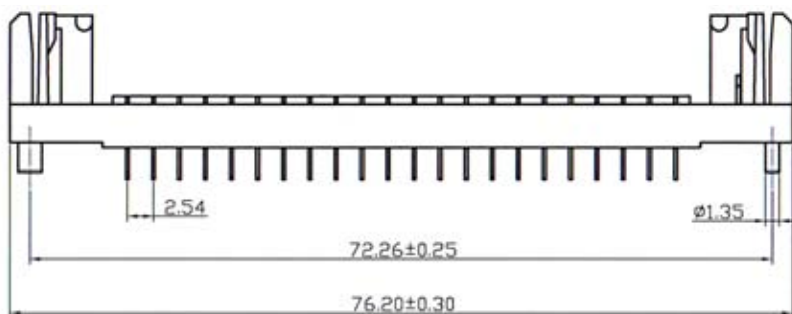
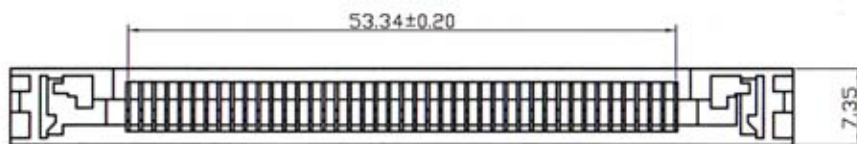
No. of Contacts	Dimensions(mm)	
	A	B
50	60.96	63.50
52	63.50	66.04
64	78.74	81.28

ORDERING INFORMATION:

P/N 2 5 M 7 9 - x x x x B
1 2 3

- SPACING OF ROWS:
"M79" 22.86MM(0.900") W/O BEAMS
- NO. OF CONTACTS:
050, 052, 064
- CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM SIMM SOCKET 22 PIN STRAIGHT TYPE WITH PLASTIC POSTS



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 30mΩ Max.

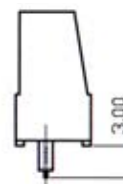
Operating Temperature: -55°C to + 105°C

MATERIALS

Housing: LCP, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 S 0 1 - $\frac{022}{1} \frac{x}{23}$

1. NO. OF CONTACTS:

022

2. CONTACT FINISH:

"T" FULL TIN PLATED (STANDARD)

"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"V" IVORY (STANDARD)

"B" BLACK

2.54MM SIMM SOCKET 30 PIN STRAIGHT TYPE WITH PLASTIC POSTS (1)

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 30mΩ Max.

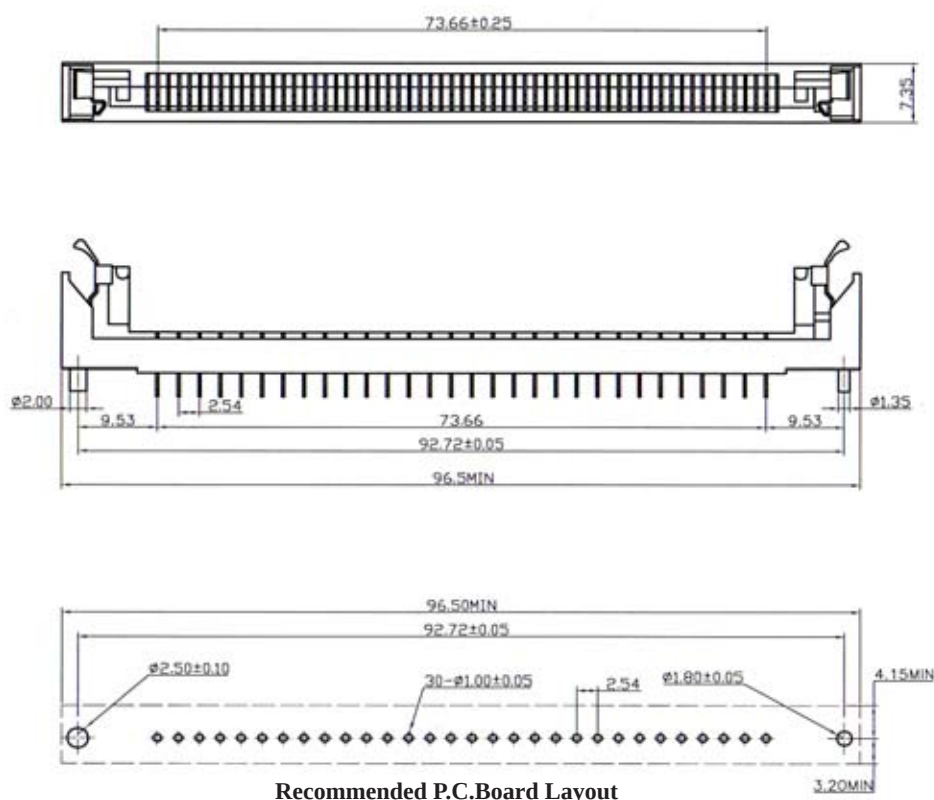
Operating Temperature: -55°C to + 105°C

MATERIALS

Housing: LCP or Nylon, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 S 0 2 - $\frac{030}{1} \times \frac{V}{23}$

1. NO. OF CONTACTS:

030

2. CONTACT FINISH:

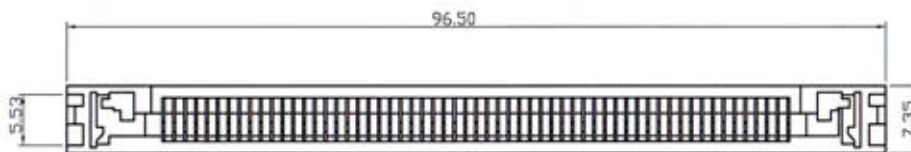
"T" FULL TIN PLATED (STANDARD)

"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"V" IVORY

2.54MM SIMM SOCKET 30 PIN STRAIGHT TYPE WITH PLASTIC POSTS (2)



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 30mΩ Max.

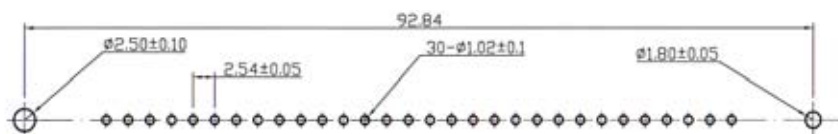
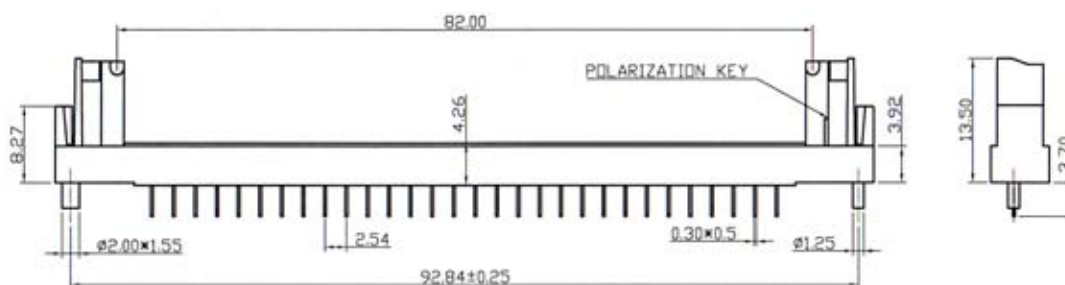
Operating Temperature: -55°C to + 105°C

MATERIALS

Housing: LCP, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 S 0 3 - $\frac{0\ 3\ 0}{1\ 2\ 3}$ x x

1. NO. OF CONTACTS:

030

2. CONTACT FINISH:

"T" FULL TIN PLATED (STANDARD)

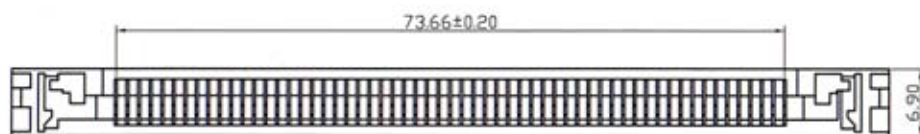
"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"V" IVORY (STANDARD)

"B" BLACK

2.54MM SIMM SOCKET 30 PIN STRAIGHT TYPE WITH PLASTIC POSTS (3)



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 30mΩ Max.

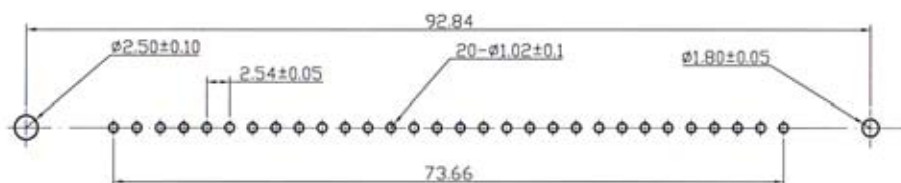
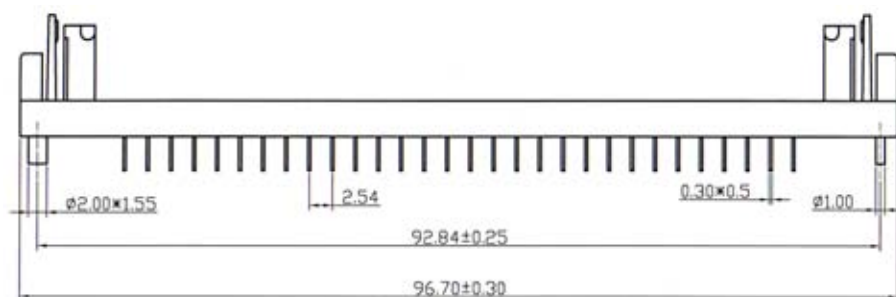
Operating Temperature: -55°C to + 105°C

MATERIALS

Housing: LCP, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 S 0 4 - $\frac{030}{1}$ $\frac{x}{2}$ $\frac{x}{3}$

1. NO. OF CONTACTS:

030

2. CONTACT FINISH:

"T" FULL TIN PLATED (STANDARD)

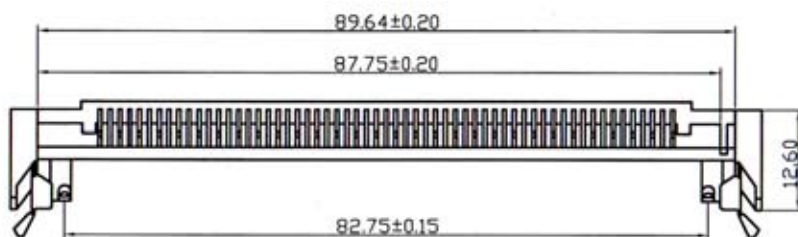
"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"V" IVORY (STANDARD)

"B" BLACK

2.54MM SIMM SOCKET 30 PIN 26 DEGREE ANGLED TYPE WITH PLASTIC POSTS



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 30mΩ Max.

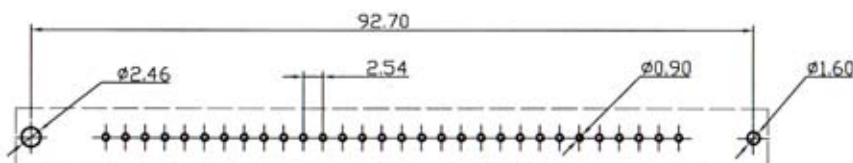
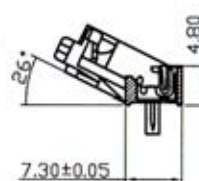
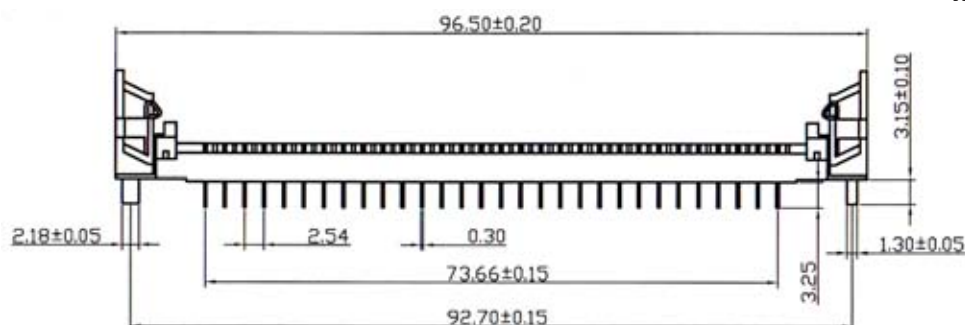
Operating Temperature: -40°C to + 100°C

MATERIALS

Housing: LCP, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25S05 - $\frac{030}{1} \times \frac{V}{23}$

1. NO. OF CONTACTS:

030

2. CONTACT FINISH:

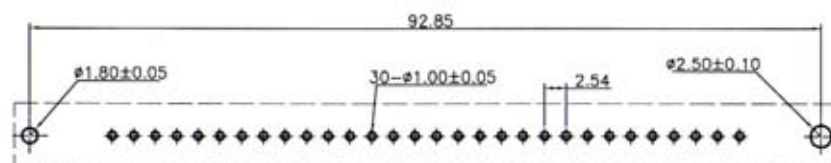
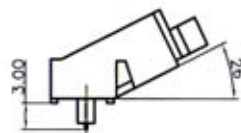
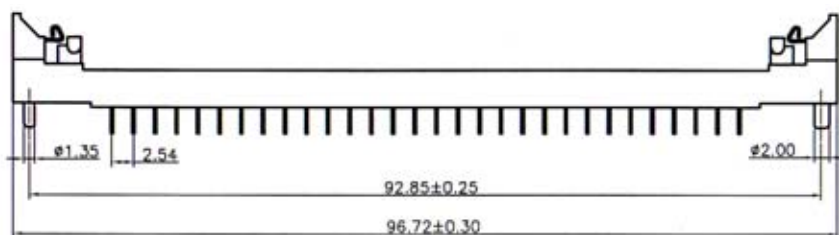
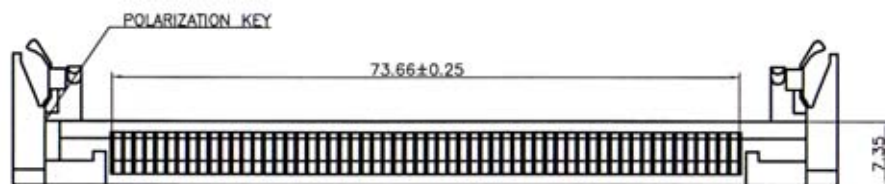
"T" FULL TIN PLATED (STANDARD)

"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"V" IVORY

2.54MM SIMM SOCKET 30 PIN 26 DEGREE ANGLED TYPE WITH PLASTIC POSTS & REVERSE KEY



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000M Ω Min

Contact Resistance: 30m Ω Max.

Operating Temperature: -55°C to + 105°C

MATERIALS

Housing: LCP, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 25S06 - $\frac{030}{1} \times \frac{V}{23}$

1. NO. OF CONTACTS:

030

2. CONTACT FINISH:

"T" FULL TIN PLATED (STANDARD)

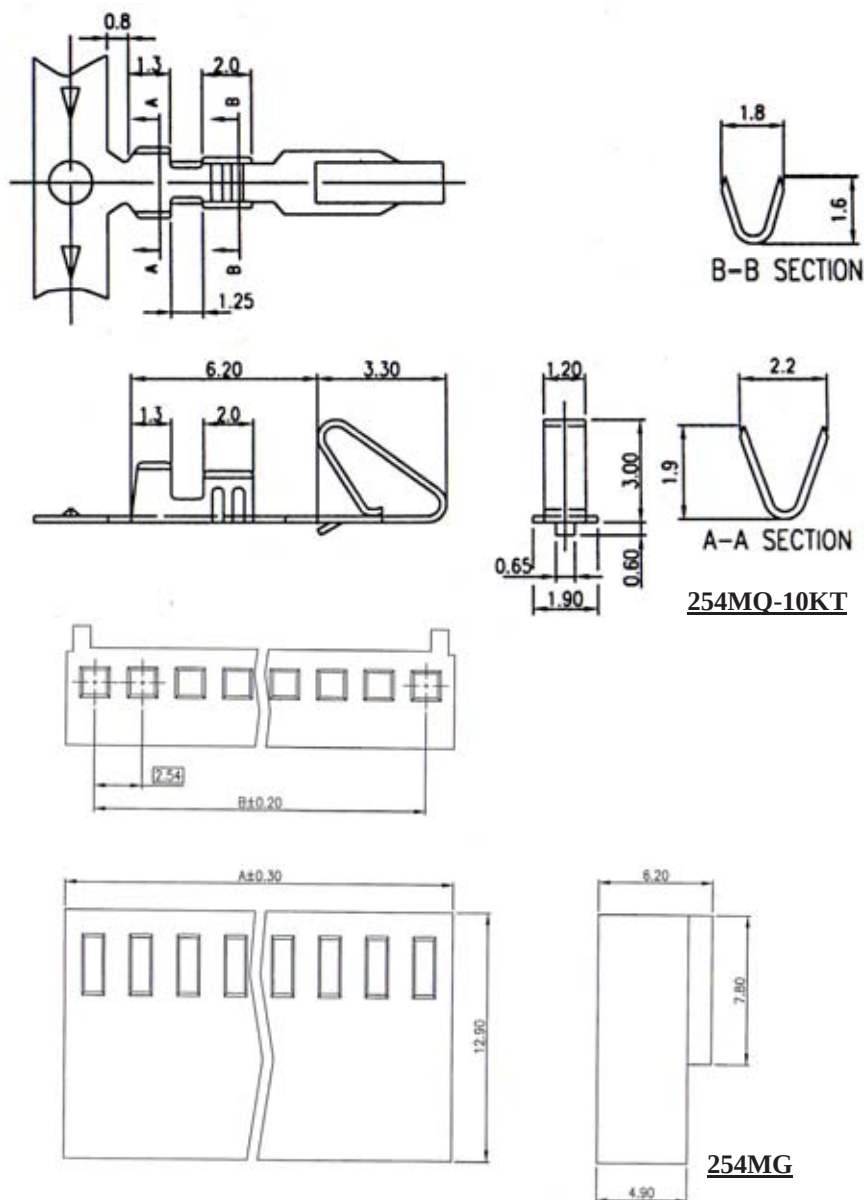
"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

3. INSULATOR COLOR:

"V" IVORY

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (A1)



SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	5.06	2.54
03	8.14	5.08
04	10.68	7.62
05	13.22	10.16
06	15.76	12.70
07	18.30	15.24
08	20.84	17.78
09	23.38	20.32
10	25.92	22.86
11	28.46	25.40
12	31.00	27.94
13	33.54	30.48
14	36.08	33.02
15	38.62	35.56

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 254MQ-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 254MG HOUSING

HOUSING:

P/N 254MG - $\frac{xxx}{1} H \frac{x}{2}$

1. NO. OF CONTACTS:

002 ~ 020

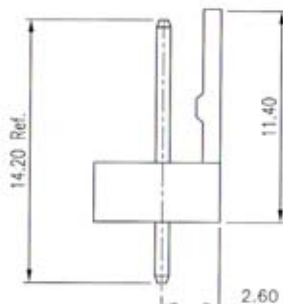
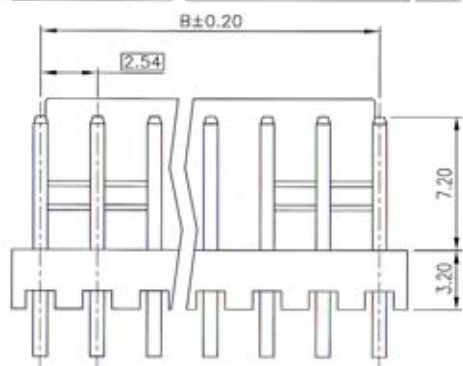
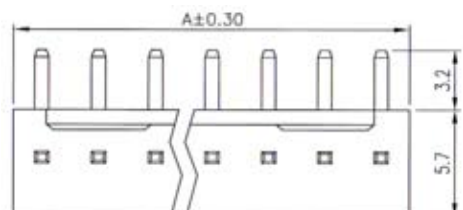
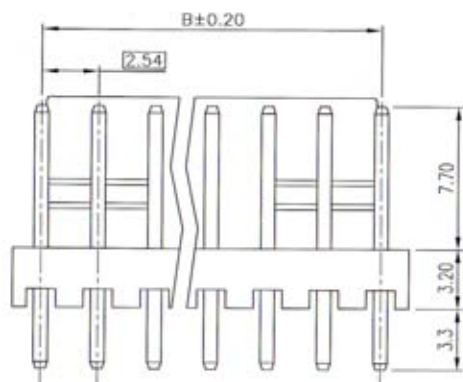
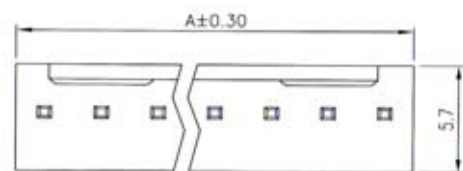
2. INSULATOR COLOR:

"V" IVORY (STANDARD)

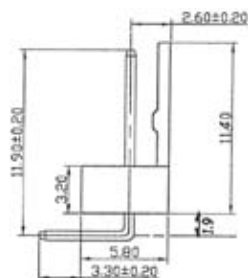
"R" DARK RED

NOTE: ACCEPTS 254MQ TERMINAL

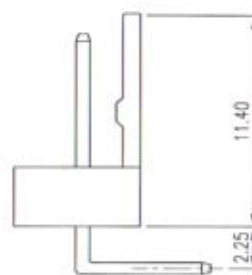
2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (A2)



254MM



254LW



254MN

SPECIFICATIONS

Current Rating: 2.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

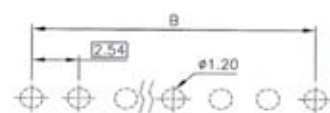
MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)	
	A	B
02	5.08	2.54
03	7.62	5.08
04	10.16	7.62
05	12.70	10.16
06	15.24	12.70
07	17.78	15.24
08	20.32	17.78
09	22.86	20.32
10	25.40	22.86
11	27.94	25.40
12	30.48	27.94
13	33.02	30.48
14	35.56	33.02
15	38.10	35.56

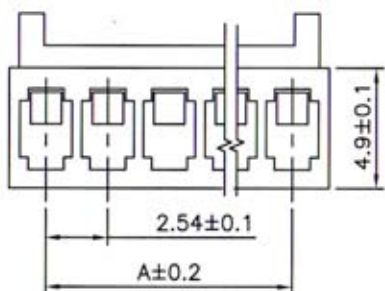
ORDERING INFORMATION:

P/N 254 $\frac{x}{1}$ - $\frac{x}{2}$ T $\frac{x}{3}$

- CONNECTOR TYPE:
"MM" STRAIGHT TYPE
"MN" RIGHT ANGLE TYPE
"LW" RIGHT ANGLE TYPE
- NO. OF CONTACTS:
002 ~ 020
- INSULATOR COLOR:
"V" IVORY (STANDARD)
"R" DARK RED
"U" BLUE
"B" BLACK

NOTE: MATES WITH 254MG HOUSING

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (A3)



SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 20mΩ Max.

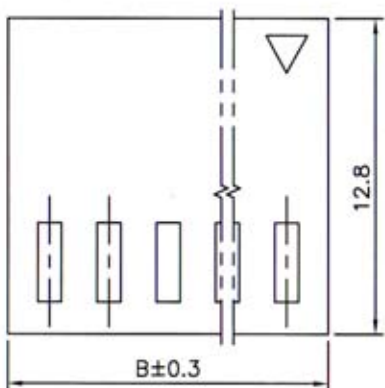
Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: Polyester, UL 94V-2

Nylon 66

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	5.65
03	5.08	8.19
04	7.62	10.73
05	10.12	13.27
06	12.70	15.81
07	15.24	18.35
08	17.78	20.89
09	20.32	23.43
10	22.86	25.97
11	25.40	28.51
12	27.94	31.05

ORDERING INFORMATION:

P/N 2 5 4 T 2 - $\frac{x x x}{1} H \frac{x}{2}$

1. NO. OF CONTACTS:

002 ~ 012

2. INSULATOR COLOR:

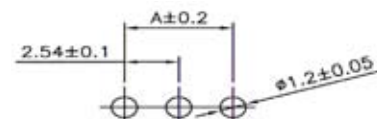
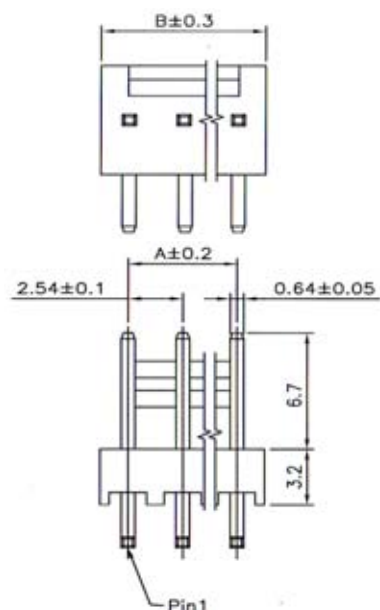
"B" BLACK

"V" IVORY

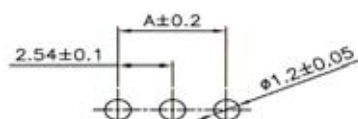
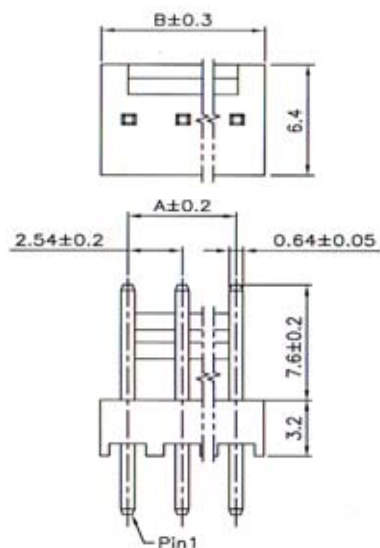
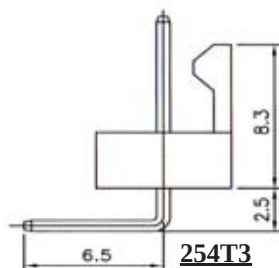
"R" DARK RED

NOTE: ACCEPTS 254MQ TERMINAL

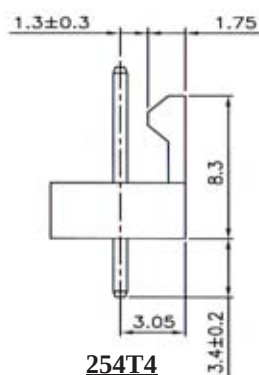
2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (A4)



Recommended P.C.Board Layout



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

MATERIALS

Insulation Material: Nylon 66, UL 94V-2

Contact Material: Brass, Tin Plated

All materials must be RoHS compliant.

254T3

No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.12
05	10.12	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48

254T4

No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	5.10
03	5.08	7.60
04	7.62	10.20
05	10.12	12.70
06	12.70	15.20
07	15.24	17.90
08	17.78	20.40
09	20.32	23.00
10	22.86	25.50
11	25.40	28.10
12	27.94	30.60

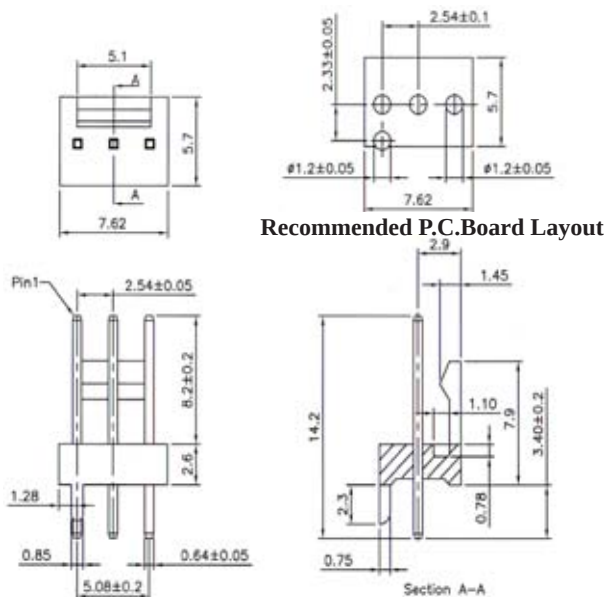
ORDERING INFORMATION:

P/N 254 $\frac{xx}{1}$ - $\frac{xxx}{2}$ T $\frac{x}{3}$

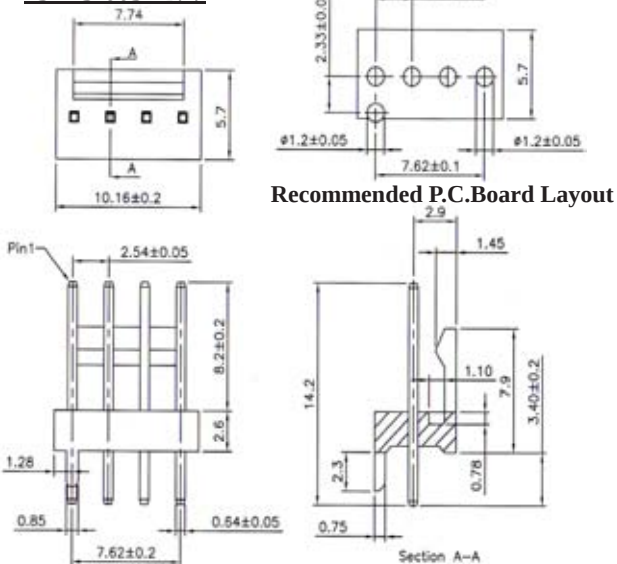
1. TERMINAL TYPE:
"T3" RIGHT ANGLE TYPE
"T4" STRAIGHT TYPE
2. NO. OF CONTACTS:
002 ~ 012
3. INSULATOR COLOR:
"B" BLACK
"V" IVORY
"R" DARK RED

NOTE: MATES WITH 254T2 HOUSING

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (A5)



254T5-003TB/V



254T5-004TB/V

SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-0

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 T 5 - $\frac{x x x}{1} T \frac{x}{2}$

1. NO. OF CONTACTS:

003, 004

2. INSULATOR COLOR:

"B" BLACK

"V" IVORY

"R" DARK RED

NOTE: MATES WITH 254T2 HOUSING

2.54MM (0.100") SPACING WIRE-TO-BOARD SYSTEM (A6)

SPECIFICATIONS

Current Rating: 3A AC/DC

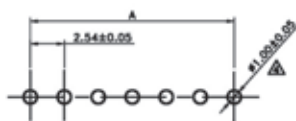
Withstanding Voltage: 1000V AC/Minute

Insulation Resistance: 1000MΩ Min.

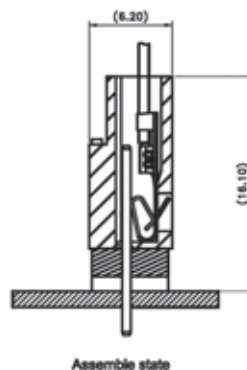
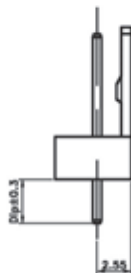
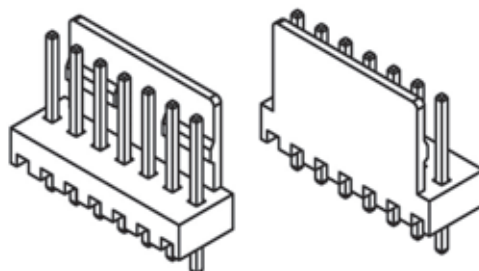
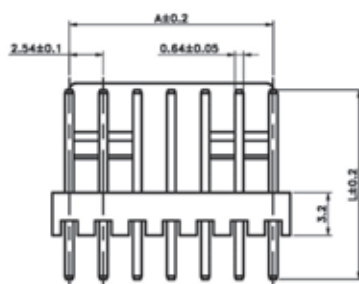
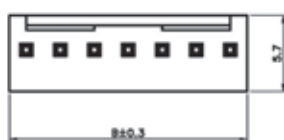
Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

All materials must be RoHS compliant.



Recommended P.C.Board Layout



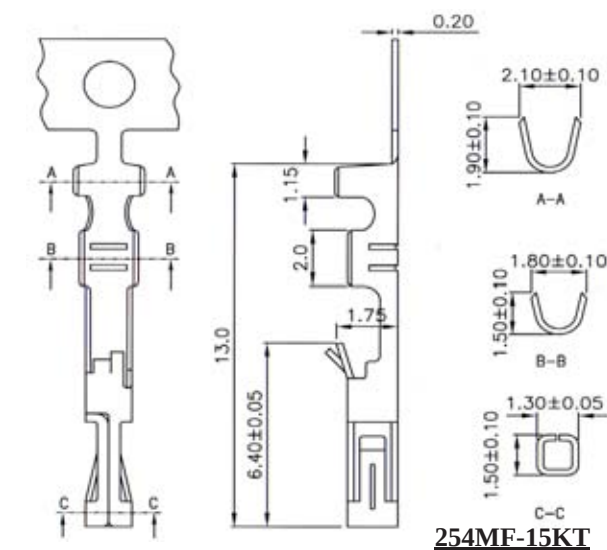
NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10

ORDERING INFORMATION:

P/N 2 5 4 xx - xxx T x

- DIP LENGTH OPTION:
"T6" DIM. L/D = 13.2/2.5MM
"T7" DIM. L/D = 18.0/7.4MM
- NO. OF CONTACTS:
002 ~ 015
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"V" BEIGE
"B" BLACK
"U" BLUE

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (B1)



TERMINAL

Accepts AWG# 24-28 Wire Range

Material: Phosphor Bronze or Brass

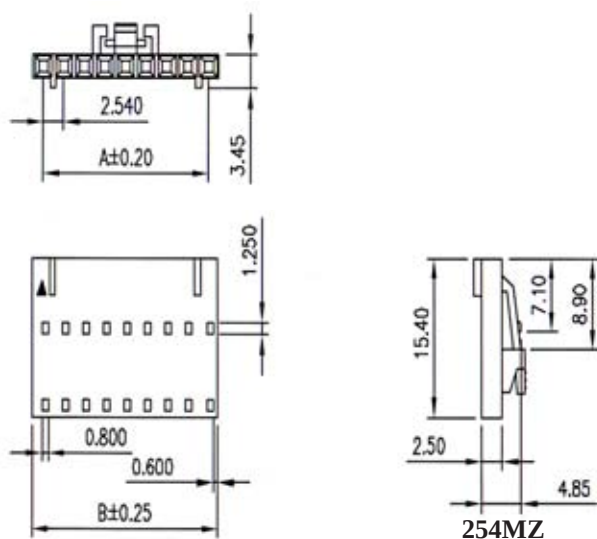
Finish: Tin or Gold Plated

Thickness: 0.20mm

HOUSING

Material: P.B.T+15%GF, UL 94V-0

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	5.15
03	5.08	7.69
04	7.62	10.23
05	10.16	12.77
06	12.70	15.31
07	15.24	17.85
08	17.78	20.39
09	20.32	22.93
10	22.86	25.47
11	25.40	28.01
12	27.94	30.55
13	30.48	33.09
14	33.02	35.63
15	35.56	38.17
16	38.10	40.71

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 254MF-15KT

PU= 15.000PCS/REEL

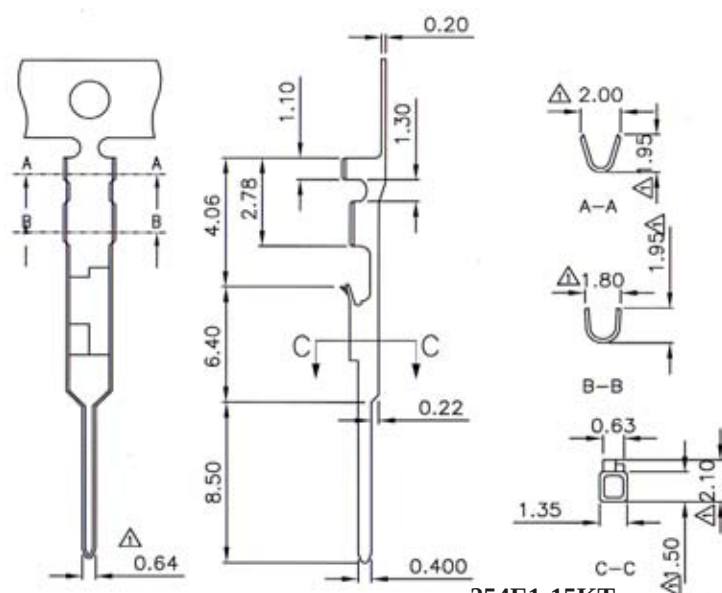
NOTE: ACCEPTS 254MZ HOUSING

HOUSING:

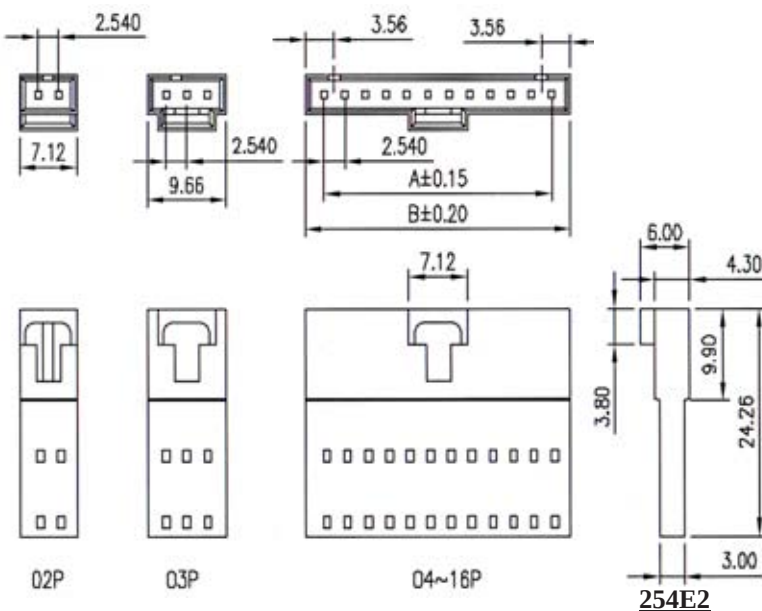
P/N 254MZ - $\frac{xxx}{1} H \frac{x}{2}$

1. NO. OF CONTACTS:
002 ~ 016
2. INSULATOR COLOR:
"B" BLACK (STANDARD)
"A" GRAY
"C" BROWN
"R" RED
"O" ORANGE
"Y" YELLOW
"N" GREEN
"U" BLUE
"P" PURPLE
"W" WHITE
"K" PINK

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (B2)



254E1-15KT



254E2

TERMINAL

Accepts AWG# 24-28 Wire Range

Material: Phosphor Bronze or Brass

Finish: Tin or Gold Plated

Thickness: 0.20mm

HOUSING

Material: P.B.T+15%GF, UL 94V-0

Color: Black

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	7.12
03	5.08	9.66
04	7.62	12.20
05	10.16	14.74
06	12.70	17.28
07	15.24	19.82
08	17.78	22.36
09	20.32	24.90
10	22.86	27.44
11	25.40	29.98
12	27.94	32.52
13	30.48	35.06
14	33.02	37.60
15	35.56	40.14
16	38.10	42.68

ORDERING INFORMATION:

TERMINAL:

P/N 254E1-15KT

PU= 15.000PCS/REEL

NOTE: ACCEPTS 254E2 HOUSING

HOUSING:

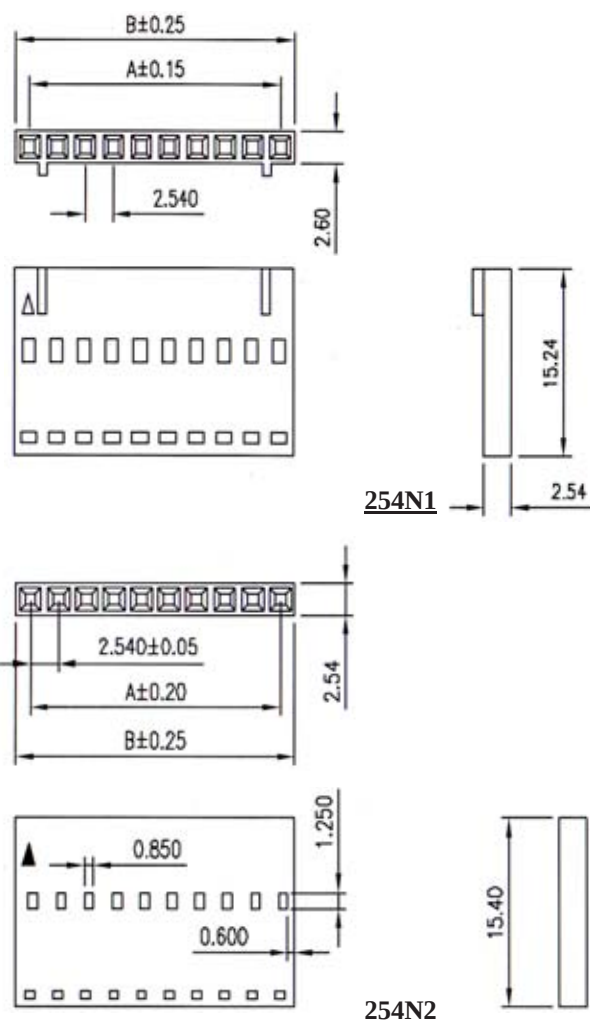
P/N 254E2 - xxx HB

1. NO. OF CONTACTS:

002 ~ 016

NOTE: ACCEPTS 254E1 TERMINAL

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (B3)



SPECIFICATIONS

Current Rating: 2.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to + 85°C

MATERIALS

Insulation Material: UL 94V-0

P.B.T+GF15%

All materials must be RoHS compliant.

254N1

No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48

254N2

No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	5.15
03	5.08	7.69
04	7.62	10.23
05	10.16	12.77
06	12.70	15.31
07	15.24	17.85
08	17.78	20.39
09	20.32	22.93
10	22.86	25.47
11	25.40	28.01
12	27.94	30.55
13	30.48	33.09
14	33.02	35.63
15	35.56	38.17

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}x - \frac{x}{2}xx H \frac{x}{3}$

1. HOUSING TYPE:

"N1" WITH FRONT RIB

"N2" FLAT TYPE

2. NO. OF CONTACTS:

002 ~ 015

3. INSULATOR COLOR:

"B" BLACK (STANDARD)

"A" GRAY

"C" BROWN

"R" RED

"O" ORANGE

"Y" YELLOW

"N" GREEN

"U" BLUE

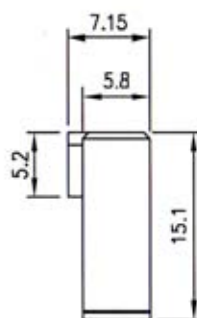
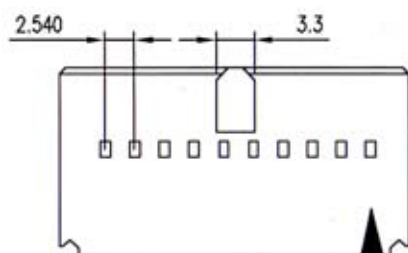
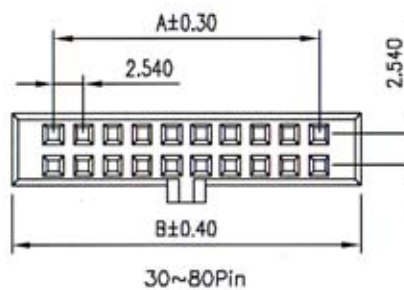
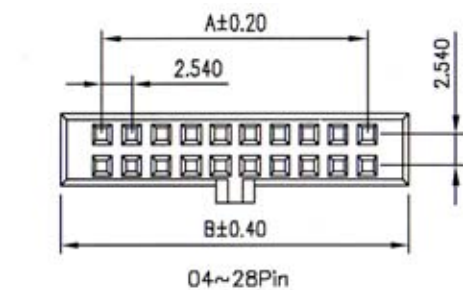
"P" PURPLE

"W" WHITE

"K" PINK

NOTE: ACCEPTS 254MF TERMINAL

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (B4)



SPECIFICATIONS

Current Rating: 2.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-0

P.B.T

All materials must be RoHS compliant.

DIMENSIONS:

A = 2.54 x (No. of Contacts/2 - 1)

B = 7.0 + A

ORDERING INFORMATION:

P/N 2 5 4 N 4 - $\frac{x x x}{1} \frac{H}{2} B$

1. NO. OF CONTACTS:

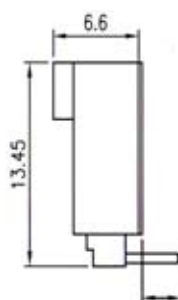
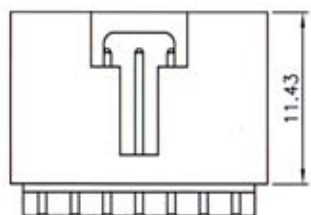
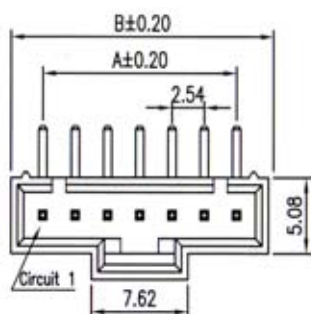
004 ~ 080

2. CONNECTO TYPE:

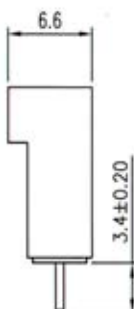
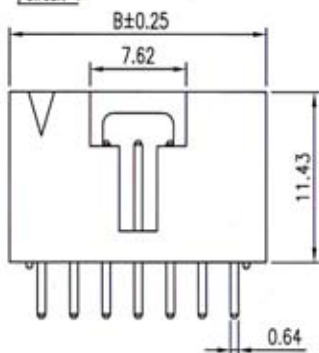
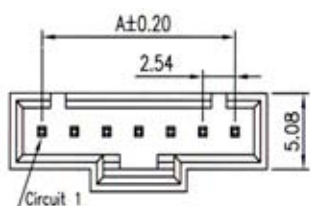
"H" HOUSING

NOTE: ACCEPTS 254E1 & 254MF TERMINALS

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (B5)



254MV



254MU

SPECIFICATIONS

Current Rating: 2.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to + 85°C

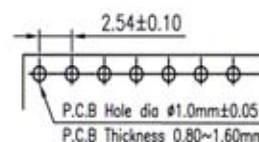
MATERIALS

Insulation Material: UL 94V-0

P.B.T

Contact Material: Brass or Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	7.56
03	5.08	10.1
04	7.62	12.64
05	10.16	15.18
06	12.70	17.72
07	15.24	20.26
08	17.78	22.80
09	20.32	25.34
10	22.86	27.88
11	25.40	30.42
12	27.94	32.96

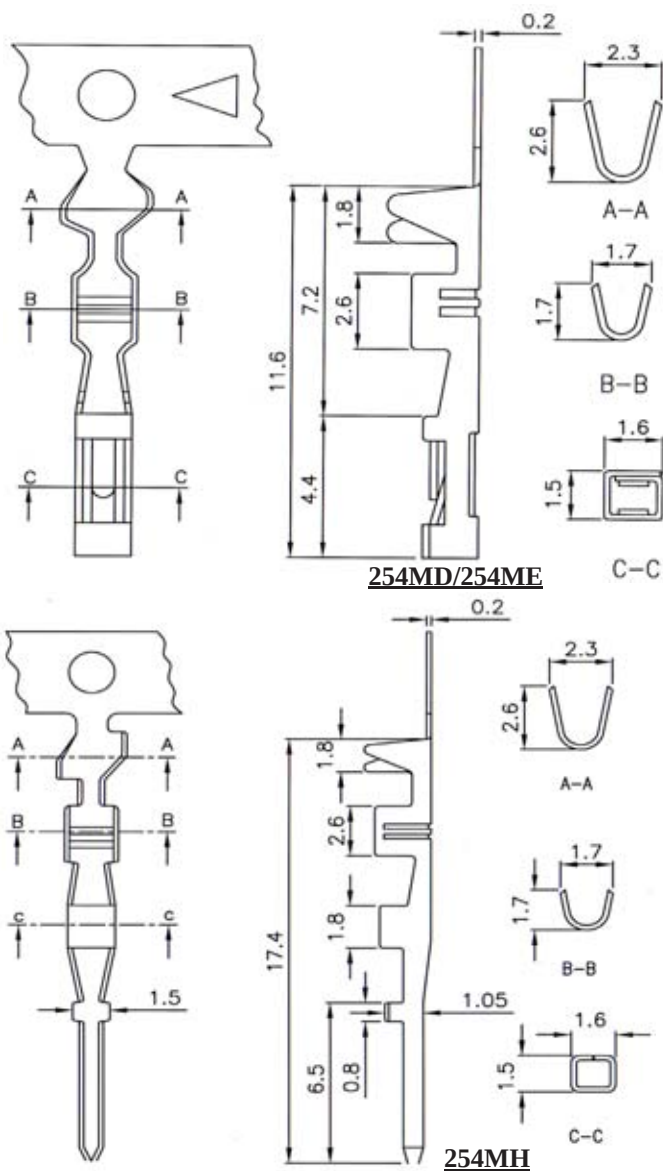
ORDERING INFORMATION:

P/N 2 5 4 x x - x x x x B
 1 2 3

1. TERMINAL TYPE:
"MV" RIGHT ANGLE TYPE
"MU" STRAIGHT TYPE
2. NO. OF CONTACTS:
002 ~ 012
3. CONTACT FINISH:
"G" FULL GOLD PLATED

NOTE: MATES WITH 254MZ HOUSING

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (C1)



TERMINAL

Accepts AWG# 22-28 Wire Range

Insulation O.D.: 1.70mm (max)

Material: Brass

Finish: Tin Plated & Gold Plated

Thickness: 0.20mm

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1} x$ - 1 0 K $\frac{x}{2}$

1. CRIMP TERMINAL TYPE:

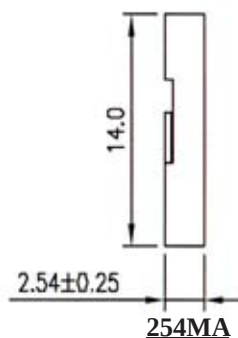
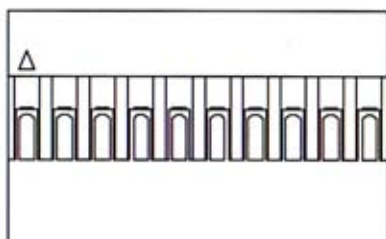
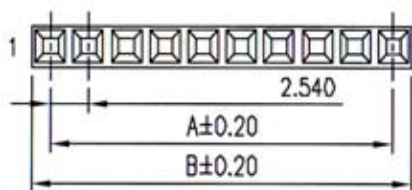
- "MD" FOR 2-11 PIN HOUSING
- "ME" FOR 12-80 PIN HOUSING
- "MH" FOR 2-80 PIN HOUSING

2. CONTACT FINISH:

- "G" FULL GOLD PLATED
- "T" FULL TIN PLATED
- PU= 10.000PCS/REEL

NOTE: ACCEPTS 254MA, 254MB, 254MC,
& 254V6 HOUSINGS

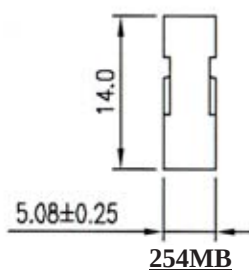
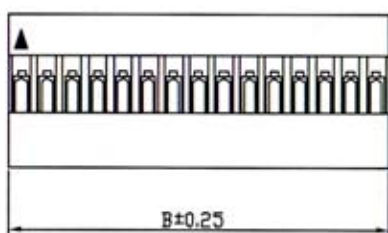
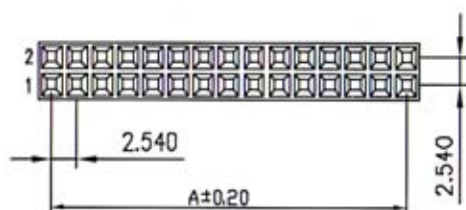
2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (C2)



HOUSING

Material: P.B.T+15%, UL94V-0 or
PPO, UL94V-0

All materials must be RoHS compliant.



254MA

DIMENSIONS:

A = 2.54 x (No. of Contacts/Row - 1)

B = 2.54 x (No. of Contacts/Row)

254MB

DIMENSIONS:

A = 2.54 x (No. of Contacts/2 - 1)

B = 2.54 + A

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}x - \frac{x}{2}x \frac{H}{3}x$

1. NO. OF ROWS:

"MA" SINGLE ROW

"MB" DOBULE ROW

2. NO. OF CONTACTS:

001 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONNECTOR TYPE:

"H" HOUSING

4. HOUSING COLORS:

"B" BLACK

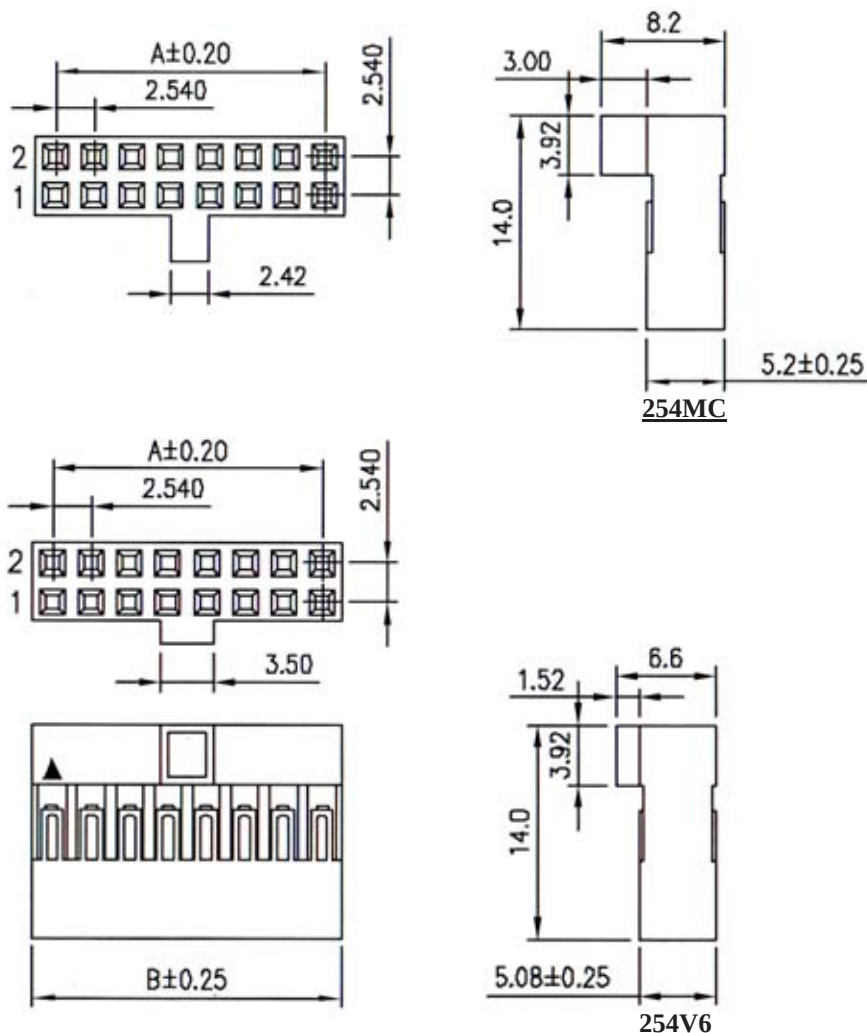
NOTE: ACCEPTS 254MD, 254ME &
254MH TERMINAL

NOTE: POLARIZING KEY

P/N 254KY-001KB (BLACK)

P/N 254KY-001KW (WHITE)

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (C3)



HOUSING

Material: P.B.T, UL94V-0 or
PPO, UL94V-2

All materials must be RoHS compliant.

DIMENSIONS:

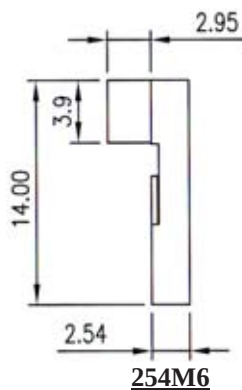
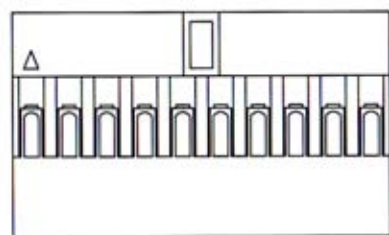
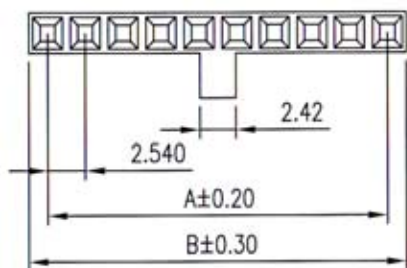
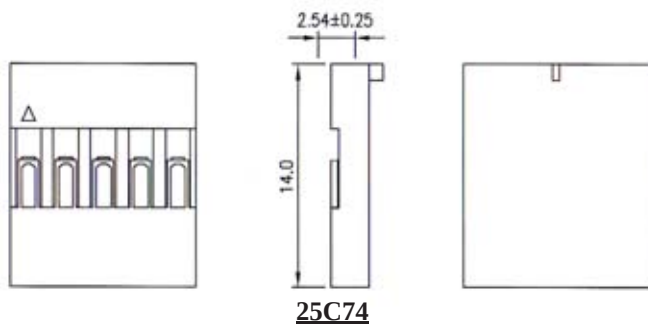
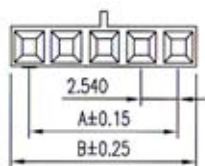
$A = 2.54 \times (\text{No. of Contacts}/2 - 1)$
 $B = 2.54 + A$

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x x}{1} - \frac{x x x}{2}$ H B

1. POLARIZING HEIGHT:
"MC" HIGH POLARIZING(8.2mm)
"V6" LOW POLARIZING(6.6mm)
2. NO. OF CONTACTS:
006 ~ 080
3. INSULATOR COLOR:
"B" BLACK
"A" GRAY
"C" BROWN
"R" RED
"O" ORANGE
"Y" YELLOW
"N" GREEN
"U" BLUE
"P" PURPLE
"W" WHITE
"K" PINK

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (C4)



25C74 HOUSING

Material: P.B.T, UL94V-0 or
PPO, UL94V-0

254M6 HOUSING

Material: P.B.T 15%GF, UL94V-0

All materials must be RoHS compliant.

25C74

No. of Contacts	Dimensions(mm)	
	A	B
01		2.54
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24

254M6

DIMENSIONS:

A = 2.54 x (No. of Contacts/Row - 1)
B = 2.54 x No. of Contacts/Row

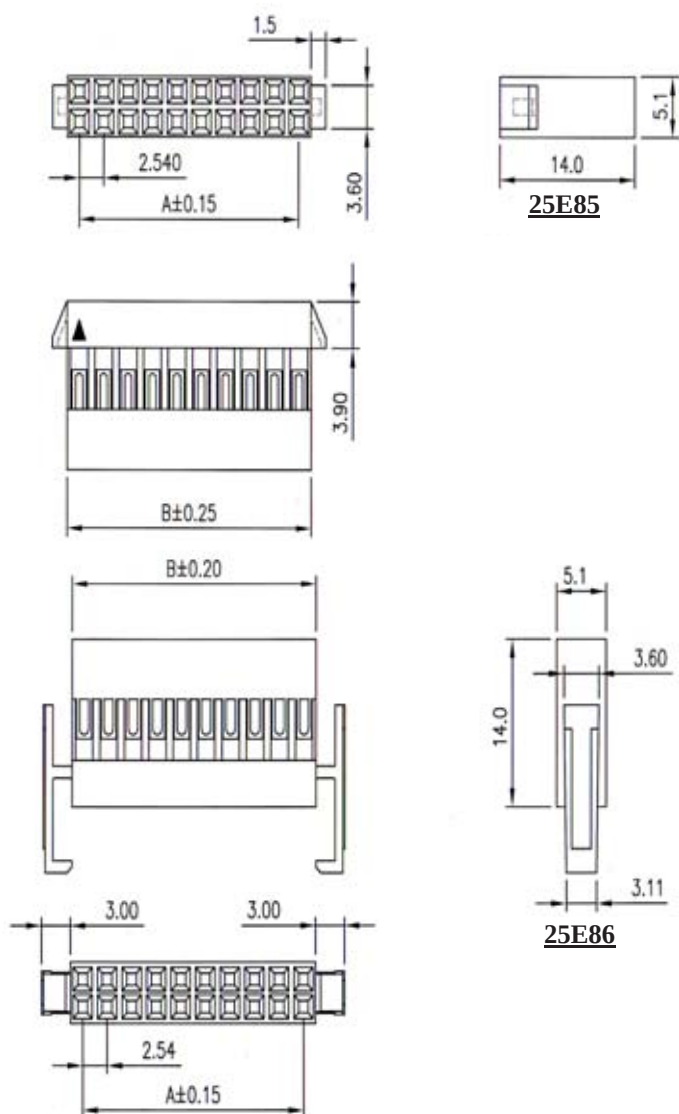
ORDERING INFORMATION:

P/N 25 $\frac{x \times x \times}{1}$ - $\frac{x \times x \times}{2}$ H B

- CONNECTOR TYPE:
"C74" SEE DRAWING!
"4M6" SEE DRAWING!
- NO. OF CONTACTS:
001 ~ 006 FOR 25C74
002 ~ 040 FOR 254M6

NOTE: ACCEPTS 254MD, 254ME
& 254MH TERMINALS

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (C5)



25E85 HOUSING

Material: P.B.T, UL94V-0

25E86 HOUSING

Material: Nylon 66, UL94V-2

All materials must be RoHS compliant.

25E85/25E86

DIMENSIONS:

A = 2.54 x (No. of Contacts/2 - 1)

B = 2.54 + A

ORDERING INFORMATION:

P/N 2 5 E x x - x x x H x

1. HOUSING TYPE:

"E85" SEE DRAWING!

"E86" SEE DRAWING!

2. NO. OF CONTACTS:

004 ~ 080

3. INSULATOR COLOR:

"B" BLACK (STANDARD)

"N" GREEN

"R" RED

"U" BLUE

"W" WHITE

"Y" YELLOW

"A" GRAY

"C" BROWN

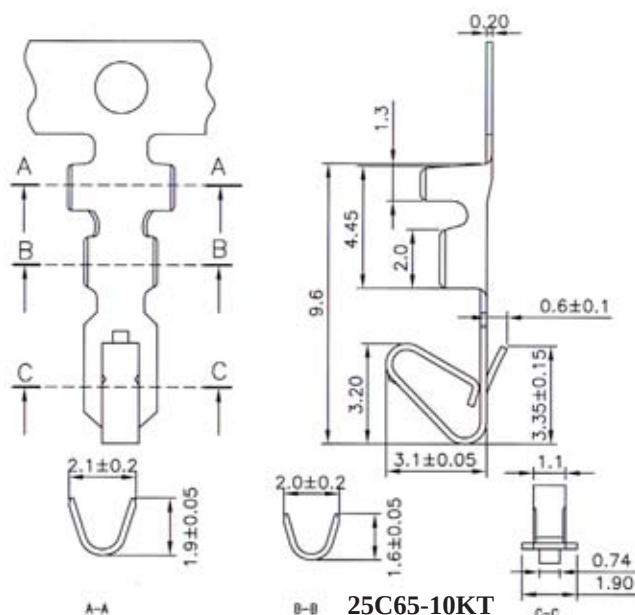
"O" ORANGE

"P" PURPLE

"K" PINK

NOTE: ACCEPTS 254MD, 254ME
& 254MH TERMINALS

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (D1)



TERMINAL

Accepts AWG# 22-28 Wire Range

Insulation O.D.: 1.15mm(max)

Material: Brass

Finish: Tin Plated

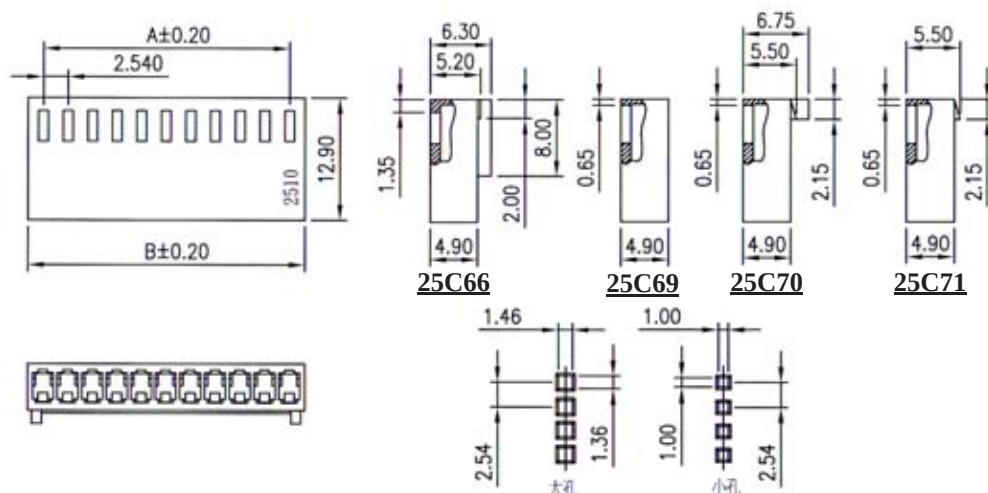
Thickness: 0.20mm

HOUSING

Material: Nylon 66, UL 94V-2 or

Nylon, UL94V-0

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	5.70
03	5.08	8.20
04	7.62	10.80
05	10.16	13.30
06	12.70	15.90
07	15.24	18.40
08	17.78	20.90
09	20.32	23.50
10	22.86	26.00
11	25.40	28.60
12	27.94	31.10
13	30.48	33.60
14	33.02	36.20
15	35.56	38.70
16	38.10	41.30
17	40.64	43.80
18	43.18	46.30
19	45.72	48.90
20	48.26	51.40

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 25C65-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 25C66, 25C69, 25C70 & 25C71 HOUSING

HOUSING:

P/N 25 $\frac{C}{1} \frac{xx}{2} - \frac{xxx}{2} H \frac{x}{3}$

1. HOUSING TYPE:

"C66" TYPE A

"C69" TYPE F

"C70" TYPE Z

"C71" TYPE ZQ

2. NO. OF CONTACTS:

002 ~ 020

3. INSULATOR COLOR:

"V" IVORY (STANDARD)

"A" GRAY

"C" BROWN

"R" RED

"O" ORANGE

"Y" YELLOW

"N" GREEN

"U" BLUE

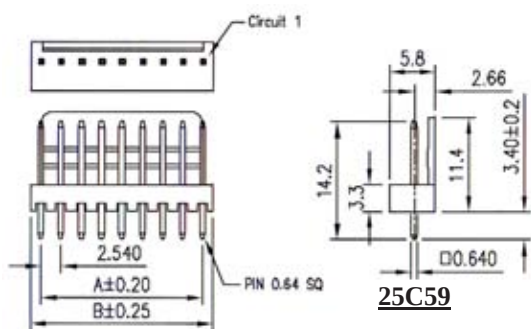
"P" PURPLE

"W" WHITE

"K" PINK

NOTE: P/N 25C66Q-xxxHV UL94V-0 RATED

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (D2)



SPECIFICATIONS

Current Rating: 2.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

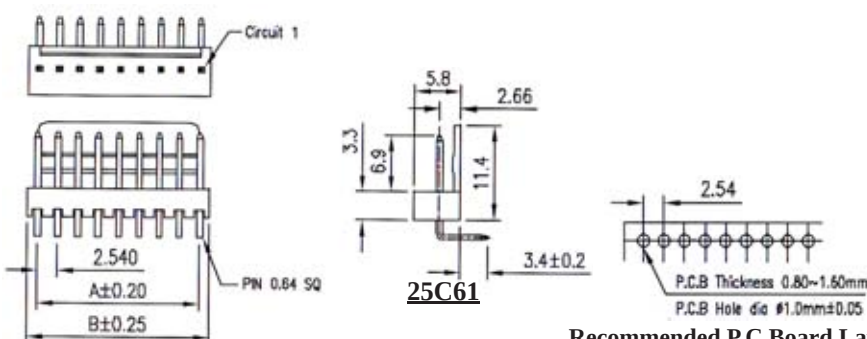
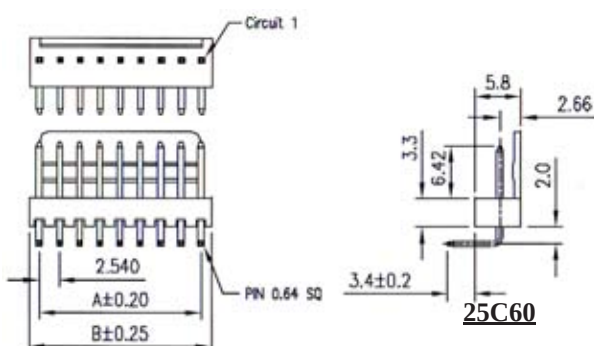
MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80

ORDERING INFORMATION:

P/N 25 $\frac{C \times x}{1} - \frac{x \times x}{2} \frac{T}{3} \frac{V}{4}$

1. CONNECTOR TYPE:

"C59" STRAIGHT TYPE
 "C60" RIGHT ANGLE TYPE
 "C61" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 ~ 020

3. CONTACT FINISH:

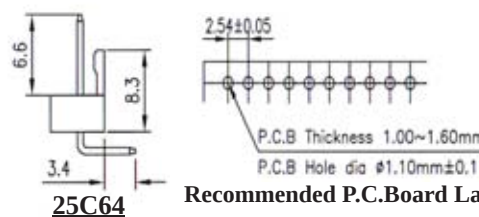
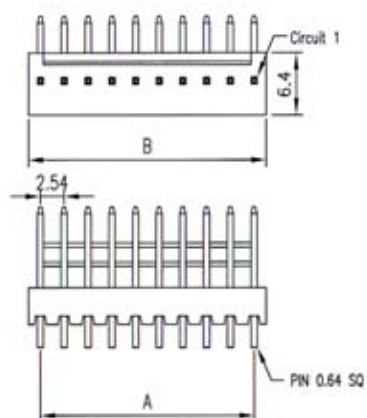
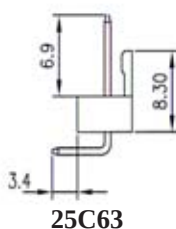
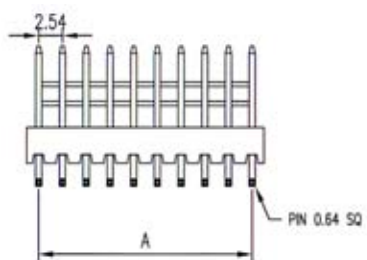
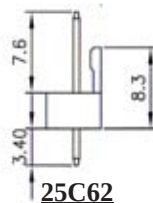
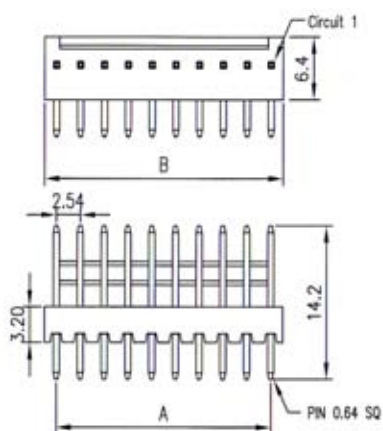
"T" FULL TIN PLATED

4. INSULATOR COLOR:

"V" IVORY (STANDARD)
 "B" BLACK
 "A" GRAY
 "C" BROWN
 "R" RED
 "O" ORANGE
 "Y" YELLOW
 "N" GREEN
 "U" BLUE
 "P" PURPLE
 "W" WHITE
 "K" PINK

NOTE: ACCEPTS 25C66, 25C69, 25C70 & 25C71 HOUSING

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (D3)



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

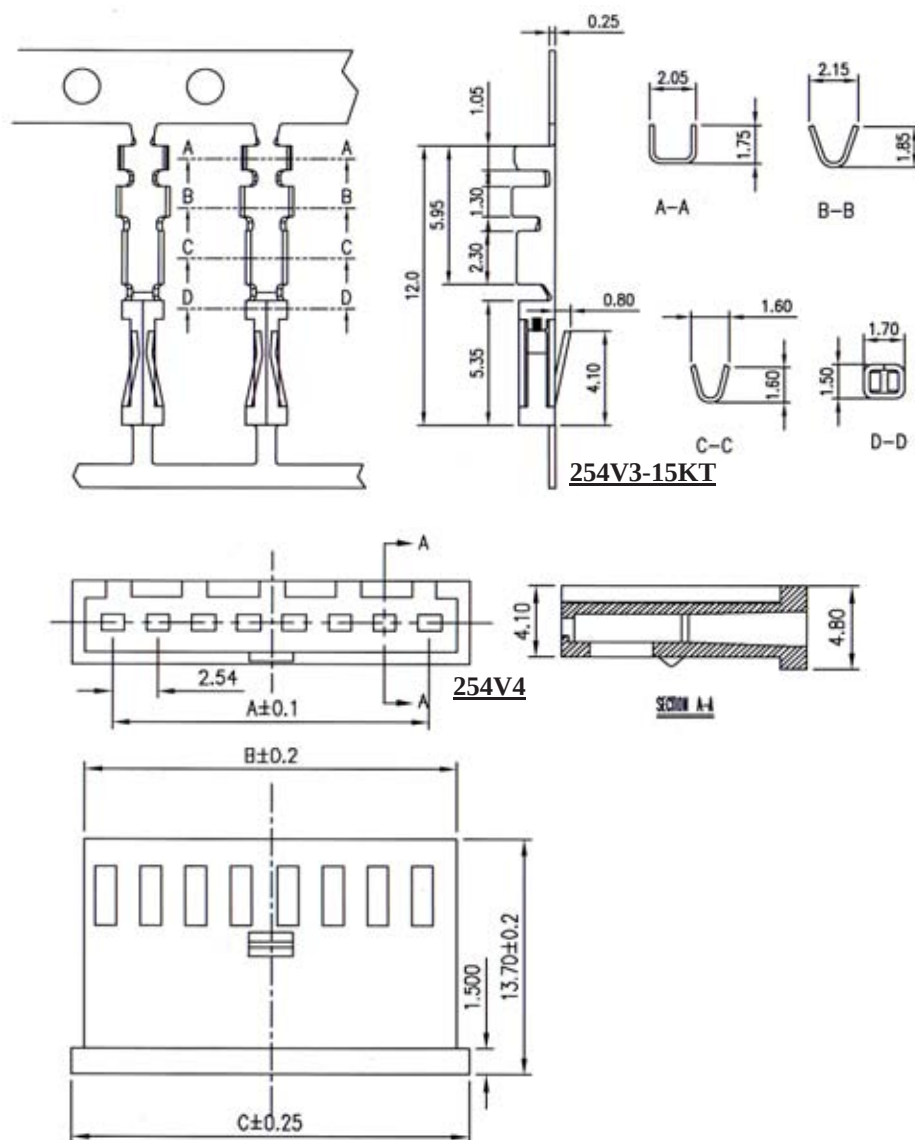
No. of Contacts	Dimensions(mm)	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80

ORDERING INFORMATION:

P/N 25 C x x - x x x T C
1 2 3 4

- CONNECTOR TYPE:
"C62" STRAIGHT TYPE
"C63" RIGHT ANGLE TYPE
"C64" RIGHT ANGLE TYPE
- NO. OF CONTACTS:
002 ~ 020
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"C" BROWN

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (E1)



TERMINAL

Accepts AWG# 28-30 Wire Range

Insulation O.D.: 1.30mm(max)

Material: Phosphor Bronze

Finish: Tin Plated

Thickness: 0.25mm

HOUSING

Material: P.P.D, UL 94V-0

All materials must be RoHS compliant.

254V4

No. of Contacts	Dimensions(mm)		
	A	B	C
02	2.54	5.60	7.00
03	5.08	8.14	9.54
04	7.62	10.68	12.08
05	10.16	13.22	14.62
06	12.70	15.76	17.16
07	15.24	18.30	19.70
08	17.78	20.84	22.24
09	20.32	23.38	24.78
10	22.86	25.92	27.32
11	25.40	28.46	29.86
12	27.94	31.00	32.40
13	30.48	33.54	37.48
14	33.02	36.08	37.48
15	35.56	38.62	40.02
16	38.10	41.16	42.56
17	40.64	43.70	45.10
18	43.18	46.24	47.64
19	45.72	48.78	50.18
20	48.26	51.32	52.72
21	50.80	53.86	55.26
22	53.34	56.40	57.80

ORDERING INFORMATION:

TERMINAL:

P/N 254V3-15KT

PU = 15.000 PCS/REEL

NOTE: ACCEPTS 254V4 HOUSING

HOUSING:

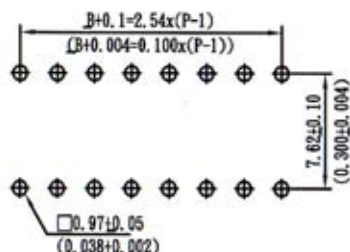
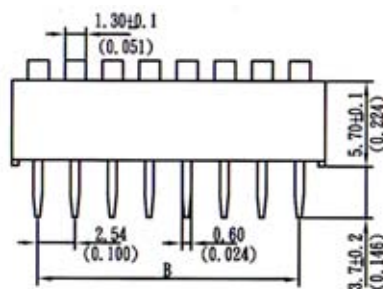
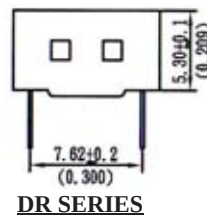
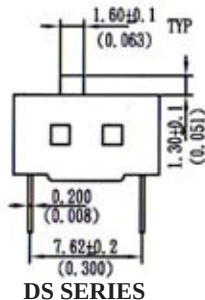
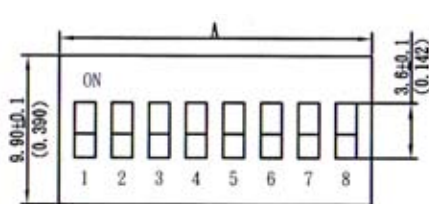
P/N 254V4-xxxHB
1

1. NO. OF CONTACTS:

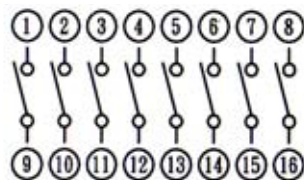
002 ~ 022

NOTE: ACCEPTS 254V3 TERMINAL

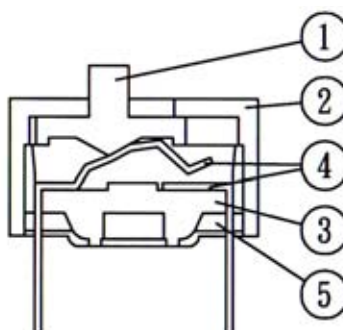
2.54MM(0.100") DIP SWITCH SLIDE TYPE



Recommended P.C.Board Layout



CIRCUIT DIAGRAM



CONSTRUCTION

SPECIFICATIONS

Dielectric Withstanding: 500V AC

Insulation Resistance: 100MΩ Min

Contact Resistance: (a)50mΩ Max. at initial
(b)100mΩ Max. after life test.

Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +85°C

MATERIALS

Insulation Material: P.B.T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm/inch)	
	A	B
01	3.84(0.151)	---
02	6.08(0.239)	2.54(0.100)
03	8.92(0.351)	5.08(0.200)
04	11.16(0.439)	7.62(0.300)
05	13.70(0.539)	10.16(0.400)
06	16.24(0.639)	12.70(0.500)
07	19.08(0.751)	15.24(0.600)
08	21.32(0.839)	17.78(0.700)
09	24.16(0.951)	20.32(0.800)
10	26.40(1.039)	22.86(0.900)
12	31.48(1.239)	27.94(1.100)

ITEM	DES	MATERIALS	TREATMENT
1	ACTUATOR	UL94V-0 PBT THERMOPLASTIC	WHITE
2	COVER	UL94V-0 PBT THERMOPLASTIC	BLUE, RED, BLACK
3	BASE	UL94V-0 PBT THERMOPLASTIC	BLACK
4	TERMINAL	PHOSPHOR BRONZE	GOLD PLATING
5	POTTING	EXPOXY	BLACK

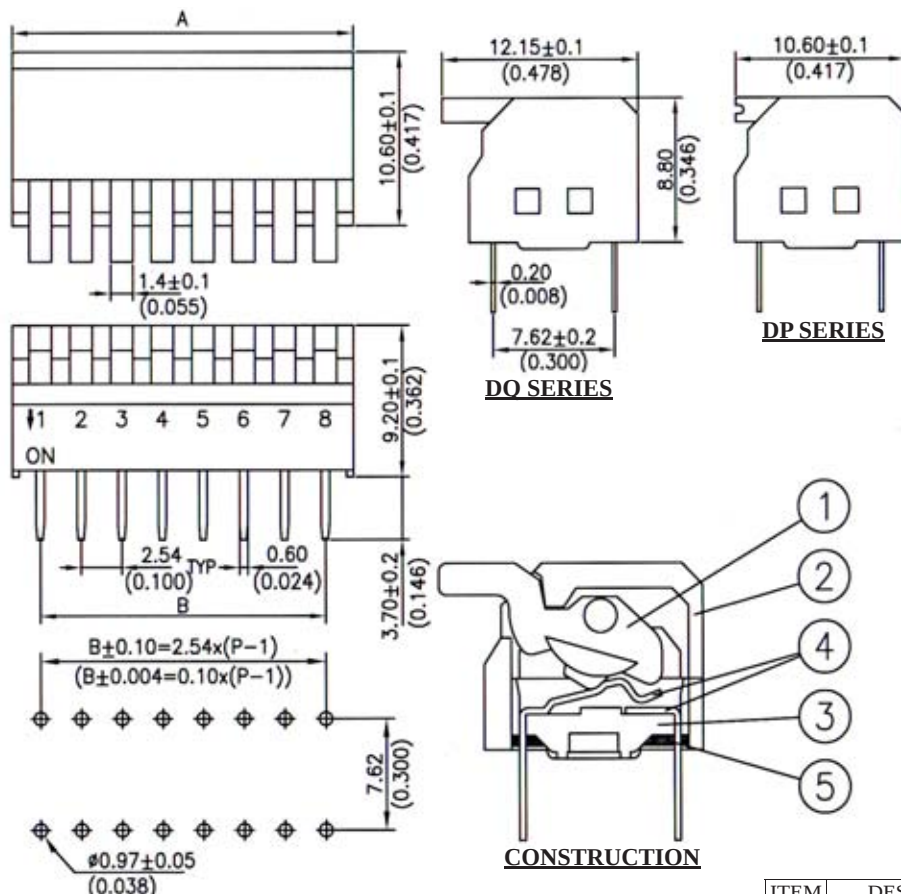
ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4}$ G $\frac{x}{3} \frac{x}{4}$

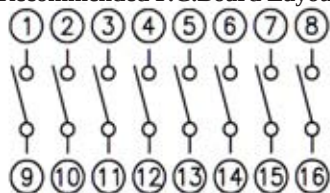
1. ACTUATOR TYPE:
"DS" RAISED ACTUATOR
"DR" RECESSED ACTUATOR
2. NO. OF CONTACTS:
001 ~ 012
3. COLOR OF COVER:
"R" RED
"B" BLACK
"U" BLUE
4. SEAL TAPE OPTION:
" " REGULAR
"S" TOP TAPE SEALED

NOTE: ALL DIP SWITCHES ARE SUPPLIED IN STANDARD IC TUBES WITH ALL POLES IN "OFF" POSITION.

2.54MM(0.100") DIP SWITCH PIANO TYPE



Recommended P.C.Board Layout



CIRCUIT DIAGRAM

SPECIFICATIONS

Dielectric Withstanding: 500V AC

Insulation Resistance: 100MΩ Min

Contact Resistance: (a)50mΩ Max. at initial
(b)100mΩ Max. after life test.

Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +85°C

MATERIALS

Insulation Material: P.B.T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm/inch)	
	A	B
02	6.26(0.246)	2.54(0.100)
03	9.06(0.357)	5.08(0.200)
04	11.34(0.446)	7.62(0.300)
05	13.88(0.546)	10.16(0.400)
06	16.42(0.646)	12.70(0.500)
08	21.50(0.846)	17.78(0.700)
10	26.58(1.046)	22.86(0.900)
12	31.60(1.244)	27.94(1.100)

ITEM	DES	MATERIALS	TREATMENT
1	ACTUATOR	UL94V-0 PBT THERMOPLASTIC	WHITE
2	COVER	UL94V-0 PBT THERMOPLASTIC	BLUE, RED, BLACK
3	BASE	UL94V-0 PBT THERMOPLASTIC	BLACK
4	TERMINAL	PHOSPHOR BRONZE	GOLD PLATING
5	POTTING	EXPOXY	BLACK

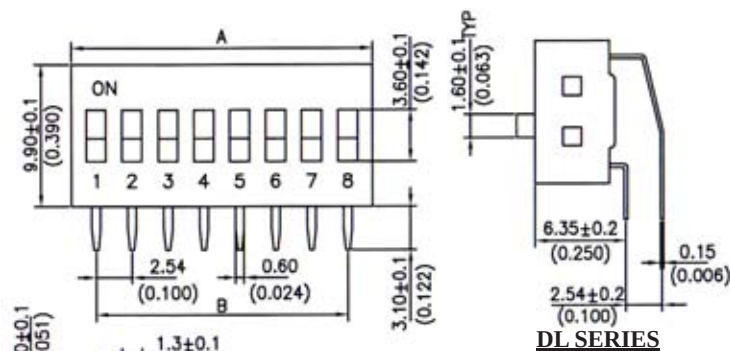
ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ G $\frac{x}{3}$ - $\frac{x}{4}$

1. ACTUATOR TYPE:
"DP" SHORT KEY
"DQ" LONG KEY
2. NO. OF CONTACTS:
002 ~ 012
3. COLOR OF COVER:
"R" RED
"B" BLACK
"U" BLUE
4. SEAL TAPE OPTION:
" " REGULAR
"S" TOP TAPE SEALED

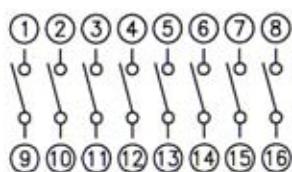
NOTE: ALL DIP SWITCHES ARE SUPPLIED IN STANDARD IC TUBES WITH ALL POLES IN "OFF" POSITION.

2.54MM(0.100") DIP SWITCH RIGHT ANGLE TYPE

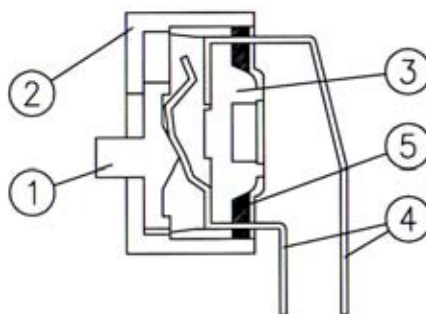


DL SERIES

Recommended P.C.Board Layout



CIRCUIT DIAGRAM



CONSTRUCTION

SPECIFICATIONS

Dielectric Withstanding: 500V AC

Insulation Resistance: 100MΩ Min

Contact Resistance: (a)50mΩ Max. at initial
(b)100mΩ Max. after life test.

Operating Temperature: -25°C to + 70°C

Storage Temperature: -40°C to + 85°C

MATERIALS

Insulation Material: P.B.T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm/inch)	
	A	B
01	3.84(0.151)	---
02	6.08(0.239)	2.54(0.100)
03	8.92(0.351)	5.08(0.200)
04	11.16(0.439)	7.62(0.300)
05	13.70(0.539)	10.16(0.400)
06	16.24(0.639)	12.70(0.500)
07	19.08(0.751)	15.24(0.600)
08	21.32(0.839)	17.78(0.700)
09	24.16(0.951)	20.32(0.800)
10	26.40(1.039)	22.86(0.900)
12	31.48(1.239)	27.94(1.100)

ITEM	DES	MATERIALS	TREATMENT
1	ACTUATOR	UL94V-0 PBT THERMOPLASTIC	WHITE
2	COVER	UL94V-0 PBT THERMOPLASTIC	BLUE, RED, BLACK
3	BASE	UL94V-0 PBT THERMOPLASTIC	BLACK
4	TERMINAL	PHOSPHOR BRONZE	GOLD PLATING
5	POTTING	EXPOXY	BLACK

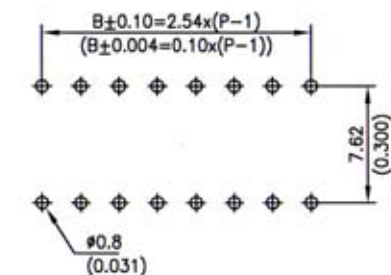
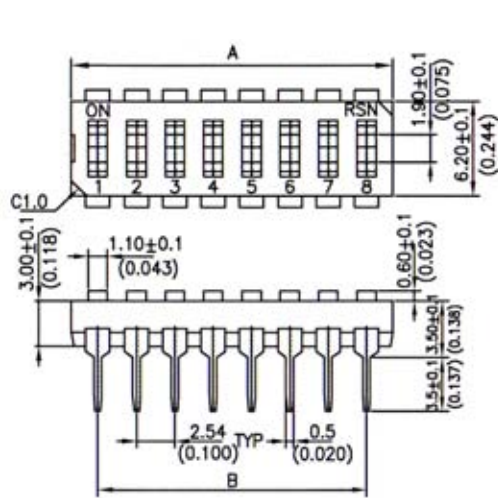
ORDERING INFORMATION:

P/N 2 5 4 DL - x x x G x - x
1 2 3 4

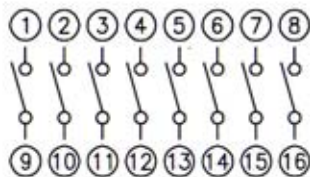
1. ACTUATOR TYPE:
"DL" RASIED ACTUATOR
2. NO. OF CONTACTS:
001 ~ 012
3. COLOR OF COVER:
"R" RED
"B" BLACK
"U" BLUE
4. SEAL TAPE OPTION:
" " REGULAR
"S" TOP TAPE SEALED

NOTE: ALL DIP SWITCHES ARE SUPPLIED IN STANDARD IC TUBES WITH ALL POLES IN "OFF" POSITION.

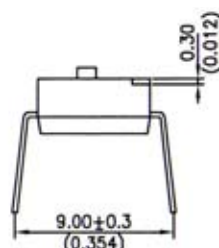
2.54MM(0.100") DIP SWITCH MACHINE INSERTABLE TYPE



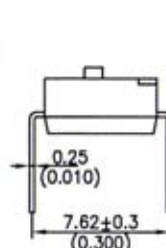
Recommended P.C. Board Layout



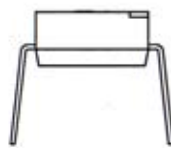
CIRCUIT DIAGRAM



DH SERIES



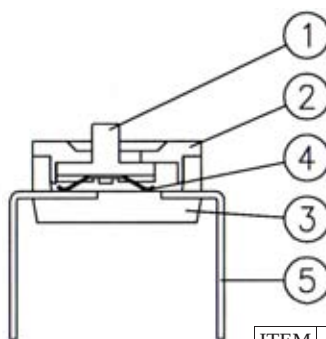
DJ SERIES



DK SERIES



DT SERIES



CONSTRUCTION

SPECIFICATIONS

Dielectric Withstanding: 500V AC

Insulation Resistance: 100MΩ Min

Contact Resistance: (a)50mΩ Max. at initial
(b)100mΩ Max. after life test.

Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +85°C

MATERIALS

Insulation Material: Nylon-6T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm/inch)	
	A	B
01	3.48(0.137)	---
02	6.02(0.237)	2.54(0.100)
03	8.56(0.337)	5.08(0.200)
04	11.10(0.437)	7.62(0.300)
05	13.64(0.537)	10.16(0.400)
06	16.18(0.637)	12.70(0.500)
07	18.72(0.737)	15.24(0.600)
08	21.26(0.837)	17.78(0.700)
09	23.80(0.937)	20.32(0.800)
10	26.34(1.037)	22.86(0.900)
12	31.42(1.237)	27.94(1.100)

ITEM	DES	MATERIALS	TREATMENT
1	ACTUATOR	UL94V-0 NYLON	MOLDED WHITE
2	COVER	UL94V-0 NYLON	MOLDED BLACK
3	BASE	UL94V-0 NYLON	MOLDED BLACK
4	CONTACT	BERYLLIUM COPPER	GOLD PLATED AT CONTACT AREA
5	TERMINAL	BRASS	GOLD PLATING

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1} - \frac{x}{2} G B - \frac{x}{3}$

1. ACTUATOR TYPE & TERMINAL TYPE:

"DH" RAISED ACTUATOR AND
SPLAY TERMINAL (S)

"DJ" RAISED ACTUATOR AND
STRAIGHT TERMINAL (H)

"DK" RECESSED ACTUATOR AND
SPLAY TERMINAL (S)

"DT" RECESSED ACTUATOR AND
STRAIGHT TERMINAL (H)

2. NO. OF CONTACTS:

001 ~ 012

3. SEAL TAPE OPTION:

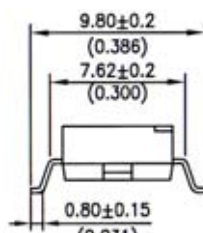
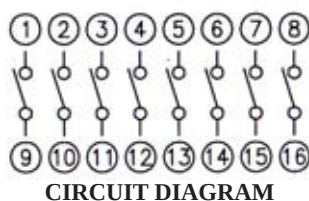
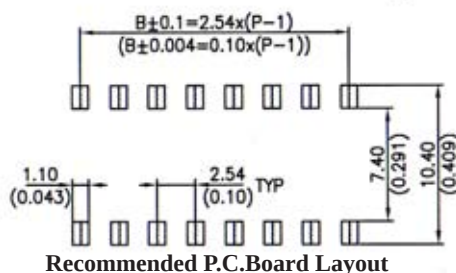
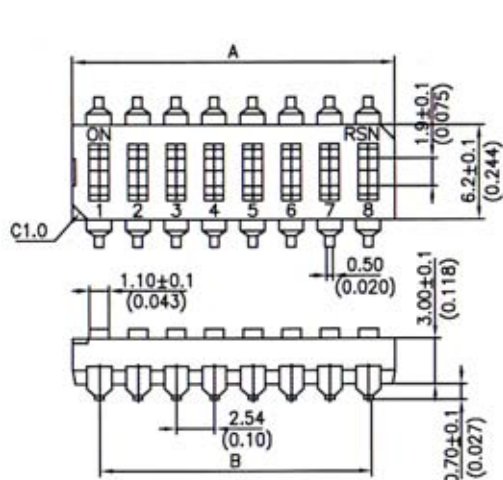
" " REGULAR

"S" TOP TAPE SEALED

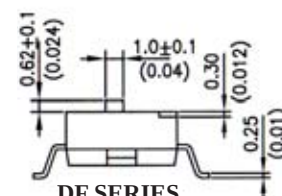
NOTE: ALL DIP SWITCHES ARE SUPPLIED IN
STANDARD IC TUBES WITH ALL POLES
IN "OFF" POSITION.

NOTE: 254DH & 254DK FOR ACTOMATIC ASSEMBLY
254DJ & 254DT FOR MANUAL ASSEMBLY

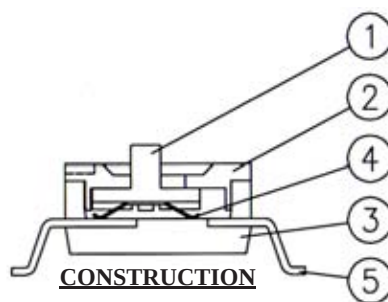
2.54MM(0.100") DIP SWITCH SMT TYPE



DG SERIES



DF SERIES



SPECIFICATIONS

Dielectric Withstanding: 500V AC

Insulation Resistance: 100MΩ Min

Contact Resistance: (a)50mΩ Max. at initial
(b)100mΩ Max. after life test.

Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +85°C

MATERIALS

Insulation Material: Nylon-6T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm/inch)	
	A	B
01	3.48(0.137)	---
02	6.02(0.237)	2.54(0.100)
03	8.56(0.337)	5.08(0.200)
04	11.10(0.437)	7.62(0.300)
05	13.64(0.537)	10.16(0.400)
06	16.18(0.637)	12.70(0.500)
07	18.72(0.737)	15.24(0.600)
08	21.26(0.837)	17.78(0.700)
09	23.80(0.937)	20.32(0.800)
10	26.34(1.037)	22.86(0.900)
12	31.42(1.237)	27.94(1.100)

ITEM	DES	MATERIALS	TREATMENT
1	ACTUATOR	UL94V-0 NYLON	MOLDED WHITE
2	COVER	UL94V-0 NYLON	MOLDED BLACK
3	BASE	UL94V-0 NYLON	MOLDED BLACK
4	CONTACT	BERYLLIUM COPPER	GOLD PLATED AT CONTACT AREA
5	TERMINAL	BRASS	GOLD PLATING

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ G B - $\frac{x}{3}$

1. ACTUATOR TYPE & PACKAGE STYLE:

"DF" RAISED ACTUATOR

"DG" RECESSED ACTUATOR

2. NO. OF CONTACTS:

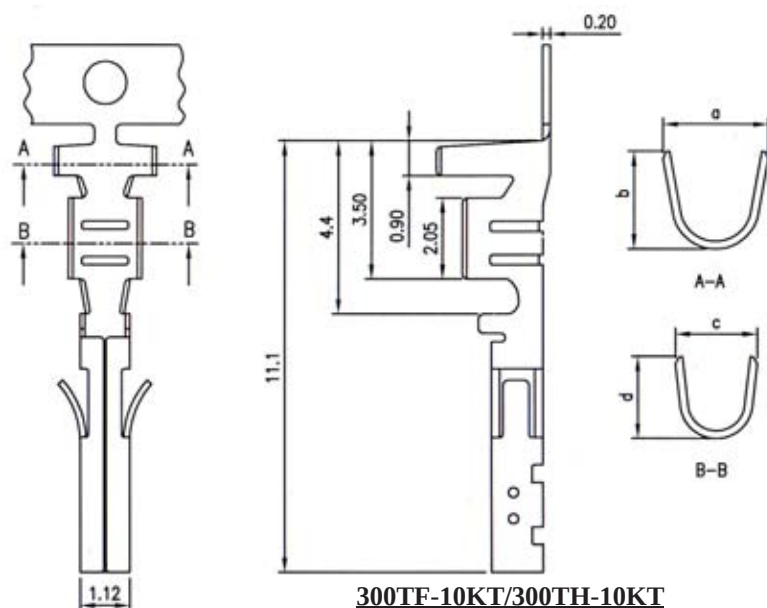
001 ~ 012

3. PACKAGE OPTION:

"T" TUBE

"R" TAPE & REEL

3.00MM(0.118") POWER CRIMP TERMINAL



300TF-10KT/300TH-10KT

SPECIFICATIONS

Current Rating: 5.0 Amp

Insulation Resistance: 500MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

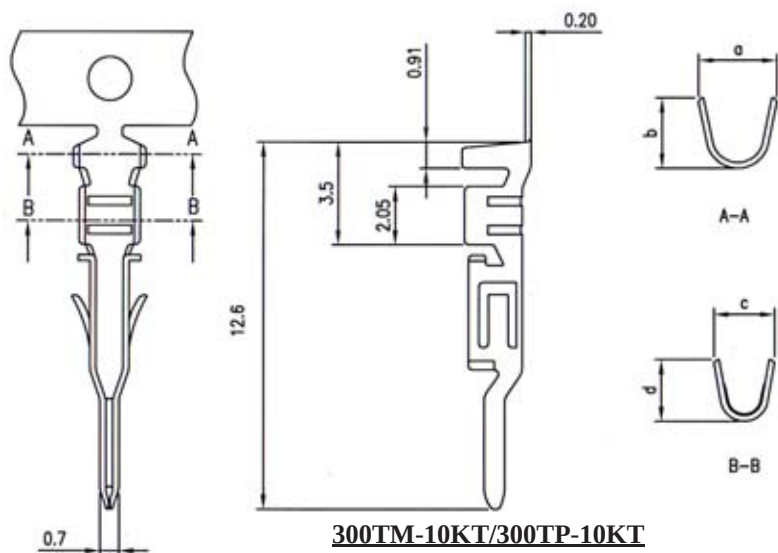
Contact Material: Phosphor Bronze

Insulation: O.D.=1.85mm for AWG#20-24

O.D.=1.27mm for AWG#26-

30

All materials must be RoHS compliant.



300TM-10KT/300TP-10KT

CRIMP TERMINAL	WIRE RANGE			
	A	B	C	D
300TF-10KT	2.7	2.5	2.1	2.1
300TH-10KT	2.4	1.9	1.8	1.6
300TM-10KT	2.7	2.5	2.1	2.1
300TP-10KT	2.4	1.9	1.8	1.6

ORDERING INFORMATION:

FEMALE CRIMP TERMINAL:

P/N 300TF-10KT

FOR AWG# 20-24 WIRES

P/N 300TH-10KT

FOR AWG# 26-30 WIRES

PU= 10.000PCS/REEL

NOTE: ACCEPTS 300HG & 300HF HOUSINGS

MALE CRIMP TERMINAL:

P/N 300TM-10KT

FOR AWG# 20-24 WIRES

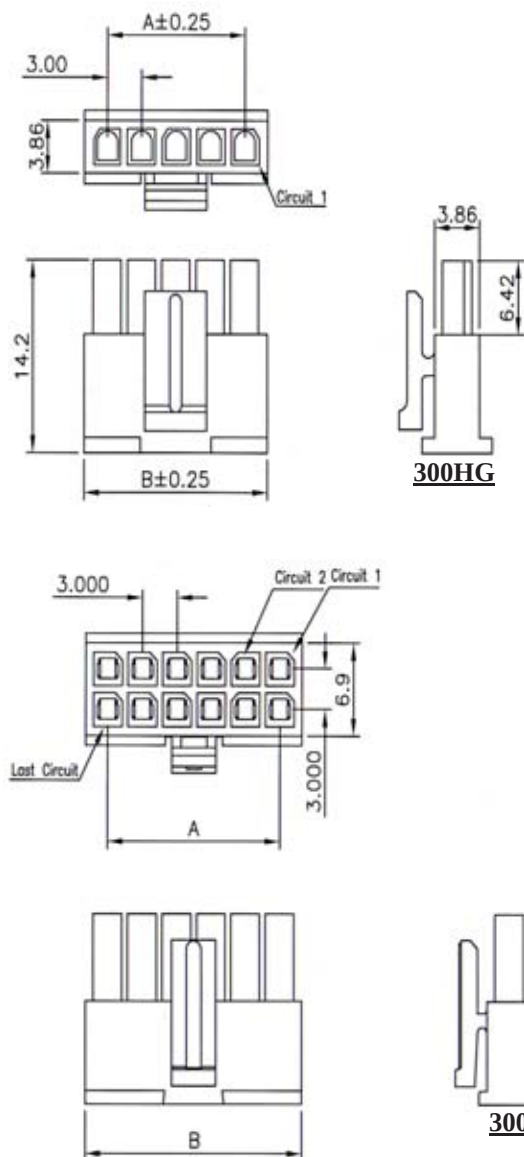
P/N 300TP-10KT

FOR AWG# 26-30 WIRES

PU= 10.000PCS/REEL

NOTE: ACCEPTS 300HN & 300HM HOUSINGS

3.00MM(0.118") POWER HOUSING



SPECIFICATIONS

Current Rating: 5.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-0

Nylon 66

All materials must be RoHS compliant.

300HG

No. of Contacts	Dimensions(mm)	
	A	B
02	3.00	7.00
03	6.00	10.00
04	9.00	13.00
05	12.00	16.00
06	15.00	19.00
07	18.00	22.00
08	21.00	25.00
09	24.00	28.00
10	27.00	31.00
11	30.00	34.00
12	33.00	37.00

300HF

No. of Contacts	Dimensions(mm)	
	A	B
02		4.00
04	3.00	7.00
06	6.00	10.00
08	9.00	13.00
10	12.00	16.00
12	15.00	19.00
14	18.00	22.00
16	21.00	25.00
18	24.00	28.00
20	27.00	31.00
22	30.00	34.00
24	33.00	37.00

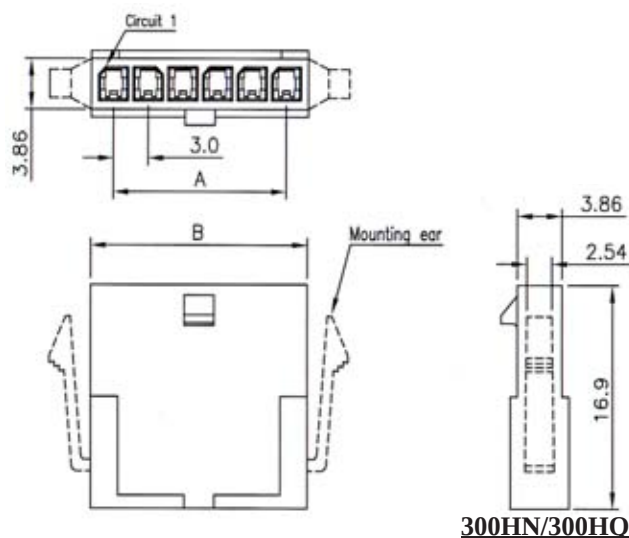
ORDERING INFORMATION:

P/N 300 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{H}{3}$ $\frac{B}{4}$

1. NO. OF ROWS:
"HG" SINGLE ROW
"HF" DOUBLE ROW
2. NO. OF CONTACTS:
002 through 012 FOR SINGLE ROW
002 ~ 024 FOR DOUBLE ROW
3. CONNECTOR TYPE:
"H" HOUSING
4. INSULATOR:
"B" BLACK

NOTE: ACCEPTS 300TF & 300TH TERMINALS

3.00MM(0.118") POWER HOUSING



SPECIFICATIONS

Current Rating: 5.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 10mΩ Max.

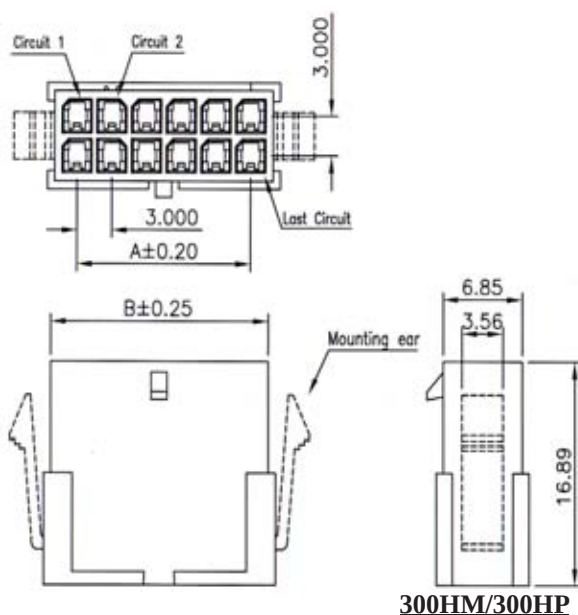
Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-0

Nylon 66

All materials must be RoHS compliant.



300HN/300HQ

No. of Contacts	Dimensions(mm)	
	A	B
02	3.00	7.00
03	6.00	10.00
04	9.00	13.00
05	12.00	16.00
06	15.00	19.00
07	18.00	22.00
08	21.00	25.00
09	24.00	28.00
10	27.00	31.00
11	30.00	34.00
12	33.00	37.00

300HM/300HP

No. of Contacts	Dimensions(mm)	
	A	B
02		4.00
04	3.00	7.00
06	6.00	10.00
08	9.00	13.00
10	12.00	16.00
12	15.00	19.00
14	18.00	22.00
16	21.00	25.00
18	24.00	28.00
20	27.00	31.00
22	30.00	34.00
24	33.00	37.00

ORDERING INFORMATION:

P/N 300 $\frac{1}{x}$ - $\frac{2}{x}$ $\frac{3}{x}$ $\frac{4}{B}$

1. NO. OF ROWS:

"HN" SINGLE ROW WITH MOUNTING EARS

"HQ" SINGLE ROW W/O MOUNTING EARS

"HM" DOUBLE ROW WITH MOUNTING EARS

"HP" DOUBLE ROW W/O MOUNTING EARS

2. NO. OF CONTACTS:

002 ~ 012 FOR SINGLE ROW

002 ~ 024 FOR DOUBLE ROW

3. CONNECTOR TYPE:

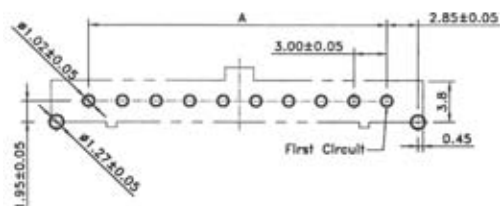
"H" HOUSING

4. INSULATOR:

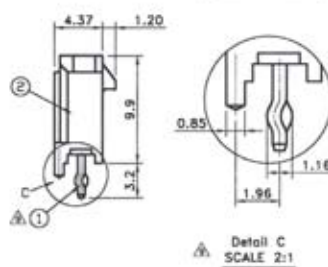
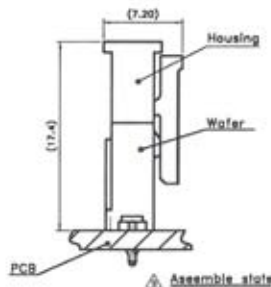
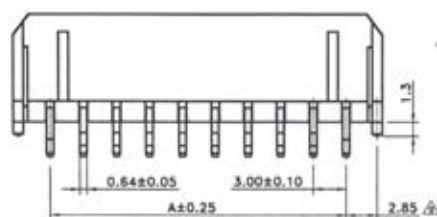
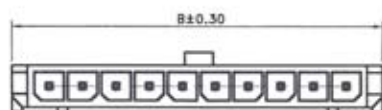
"B" BLACK

NOTE: ACCEPTS 300TM & 300TP TERMINALS

3.00MM(0.118") SINGLE ROW PCB MOUNT POWER CONNECTOR



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 5A AC/DC

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -40°C to +105°C

Contact Resistance: 20mΩ Max

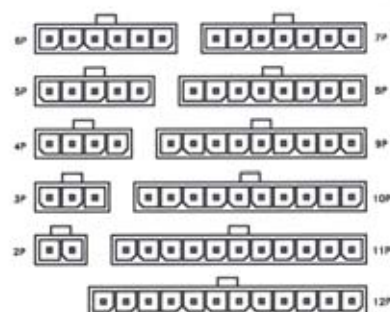
MATERIAL

Contact: Brass, Sn 100u" over Plated

Nickel 30u" under all over

Base: Polyamide 6T/66, UL94V-0

All materials must be RoHS compliant.



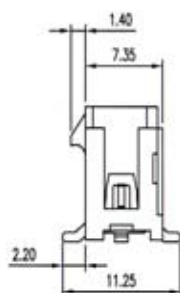
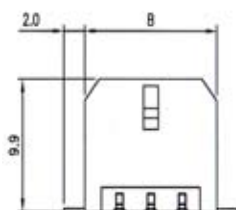
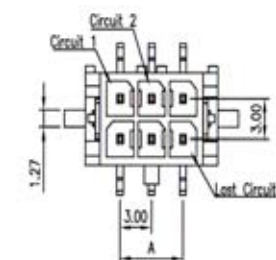
NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
02	3.00	9.65
03	6.00	12.65
04	9.00	15.65
05	12.00	18.65
06	15.00	21.65
07	18.00	24.65
08	21.00	27.65
09	24.00	30.65
10	27.00	33.65
11	30.00	36.65
12	33.00	39.65

ORDERING INFORMATION:

P/N 3 0 0 WP - xxx T B
1 2 3 4

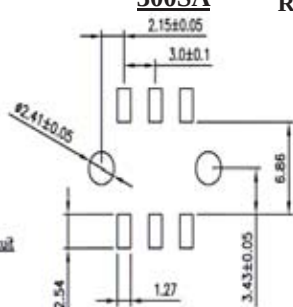
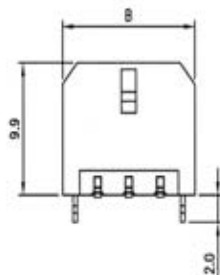
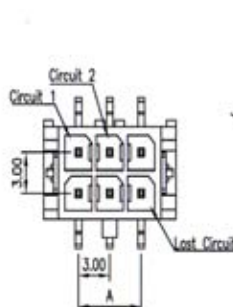
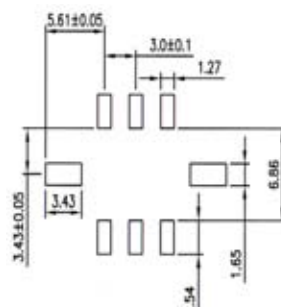
1. TERMINAL TYPE:
"WP" STRAIGHT TYPE
2. NO. OF CONTACTS:
002 ~ 012
3. CONTACT FINISH:
"T" TIN PLATED
4. INSULATOR COLOR:
"B" BLACK

3.00MM(0.118") DOUBLE ROW SMT TYPE POWER CONNECTOR

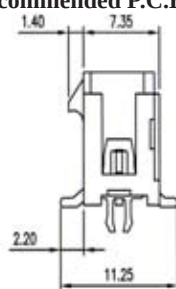


300SA

Recommended P.C.Board Layout



Recommended P.C.Board Layout



300SB

SPECIFICATIONS

Current Rating: 5.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-0

LCP

Contact Material: Brass

All materials must be RoHS compliant.

300SA/300SB

No. of Contacts	Dimensions(mm)	
	A	B
02		6.65
04	3.00	9.65
06	6.00	12.65
08	9.00	15.65
10	12.00	18.65
12	15.00	21.65
14	18.00	24.65
16	21.00	27.65
18	24.00	30.65
20	27.00	33.65
22	30.00	36.65
24	33.00	39.65

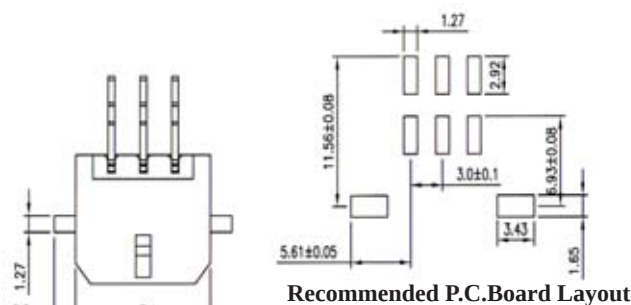
ORDERING INFORMATION:

P/N 300 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ $\frac{B}{4}$ - $\frac{Q}{5}$

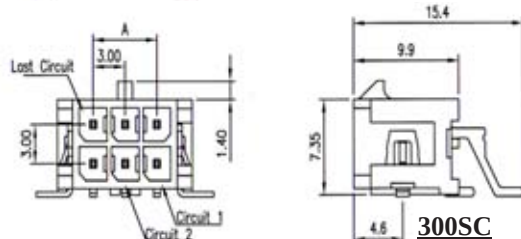
- CONNECTOR TYPE:
"SA" WITH SOLDERABLE FITTING NAIL
"SB" WITH SOLDERABLE RETENTION CLIP
- NO. OF CONTACTS:
002 ~ 024
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"B" BLACK
- PACKAGE TYPE:
"Q" WITH PAD IN TAPE & REEL

NOTE: MATES WITH 300HF, 300HM
& 300HP HOUSINGS

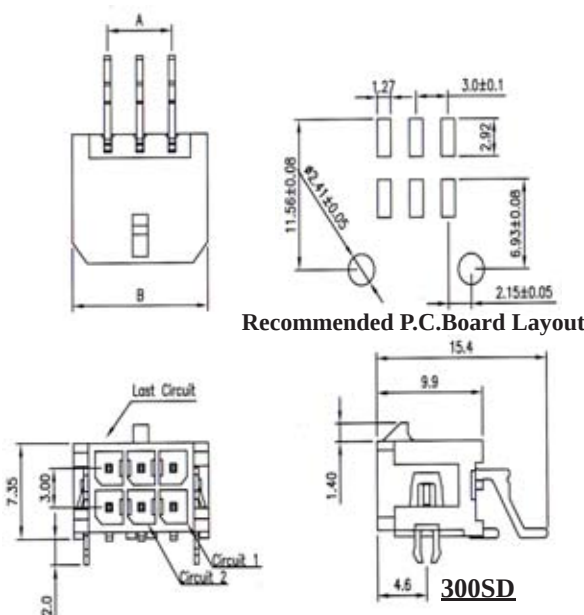
3.00MM(0.118") DOUBLE ROW RIGHT ANGLE SMT TYPE POWER CONNECTOR



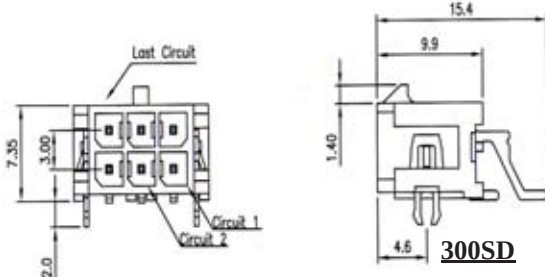
Recommended P.C.Board Layout



300SC



Recommended P.C.Board Layout



300SD

SPECIFICATIONS

Current Rating: 5.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-0

LCP

Contact Material: Brass

All materials must be RoHS compliant.

300SC/300SD

No. of Contacts	Dimensions(mm)	
	A	B
02		6.65
04	3.00	9.65
06	6.00	12.65
08	9.00	15.65
10	12.00	18.65
12	15.00	21.65
14	18.00	24.65
16	21.00	27.65
18	24.00	30.65
20	27.00	33.65
22	30.00	36.65
24	33.00	39.65

ORDERING INFORMATION:

P/N 300 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ $\frac{B}{4}$ - $\frac{R}{5}$

1. CONNECTOR TYPE:

"SC" WITH SOLDERABLE FITTING NAIL

"SD" WITH SOLDERABLE RETENTION CLIP

2. NO. OF CONTACTS:

002 ~ 024

3. CONTACT FINISH:

"T" FULL TIN PLATED

4. INSULATOR COLOR:

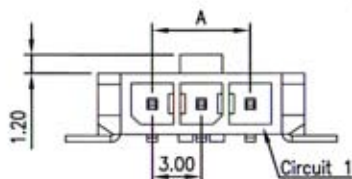
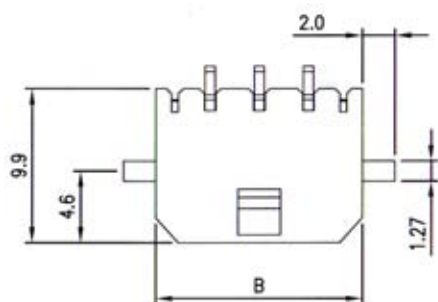
"B" BLACK

5. PACKAGE TYPE:

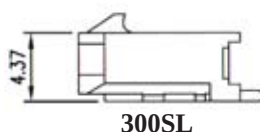
"R" W/O PAD IN TAPE & REEL

NOTE: MATES WITH 300HF, 300HM
& 300HP HOUSINGS

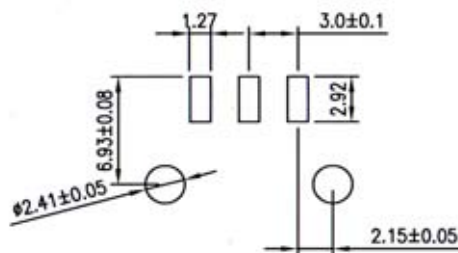
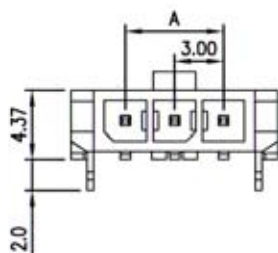
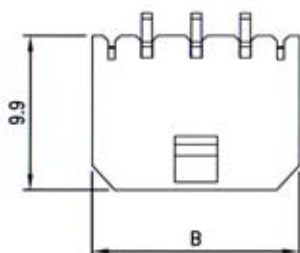
3.00MM(0.118") SINGLE ROW RIGHT ANGLE SMT TYPE POWER CONNECTOR



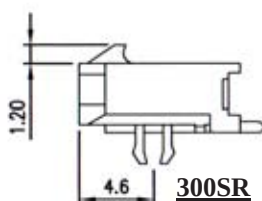
Recommended P.C.Board Layout



300SL



Recommended P.C.Board Layout



300SR

SPECIFICATIONS

Current Rating: 5.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-0

LCP

Contact Material: Brass

All materials must be RoHS compliant.

300SL/300SR

No. of Contacts	Dimensions(mm)	
	A	B
02	3.00	9.65
03	6.00	12.65
04	9.00	15.65
05	12.00	18.65
06	15.00	21.65
07	18.00	24.65
08	21.00	27.65
09	24.00	30.65
10	27.00	33.65
11	30.00	36.65
12	33.00	39.65

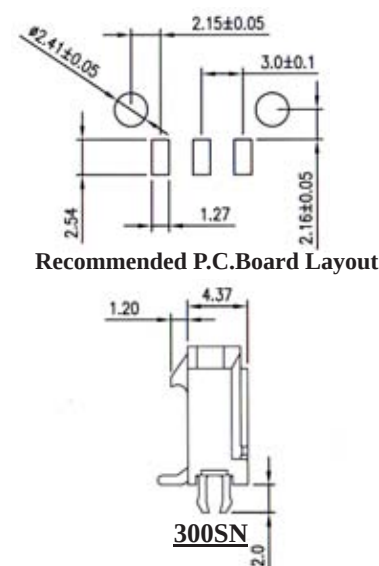
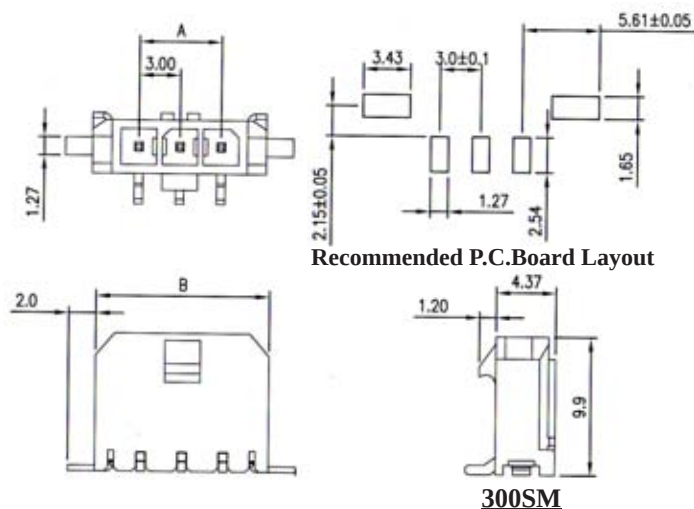
ORDERING INFORMATION:

P/N 300 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ $\frac{B}{4}$ - $\frac{R}{5}$

- CONNECTOR TYPE:
"SL" WITH SOLDERABLE FITTING NAIL
"SR" WITH SOLDERABLE RETENTION CLIP
- NO. OF CONTACTS:
002 ~ 012
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"B" BLACK
- PACKAGE TYPE:
"R" W/O PAD IN TAPE & REEL

NOTE: MATES WITH 300HG, 300HN
& 300HQ HOUSINGS

3.00MM(0.118") SINGLE ROW SMT TYPE POWER CONNECTOR



SPECIFICATIONS

Current Rating: 5.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-0

LCP

Contact Material: Brass

All materials must be RoHS compliant.

300SM/300SN

No. of Contacts	Dimensions(mm)	
	A	B
02	3.00	9.65
03	6.00	12.65
04	9.00	15.65
05	12.00	18.65
06	15.00	21.65
07	18.00	24.65
08	21.00	27.65
09	24.00	30.65
10	27.00	33.65
11	30.00	36.65
12	33.00	39.65

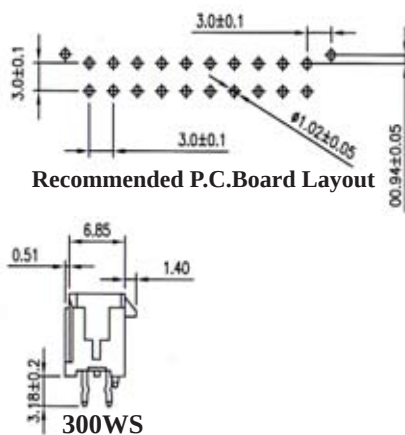
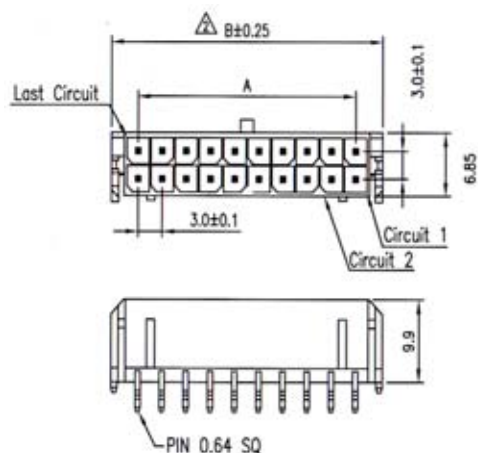
ORDERING INFORMATION:

P/N 300 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ $\frac{B}{4}$ - $\frac{Q}{5}$

- CONNECTOR TYPE:
"SM" WITH SOLDERABLE FITTING NAIL
"SN" WITH SOLDERABLE RETENTION CLIP
- NO. OF CONTACTS:
002 ~ 012
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"B" BLACK
- PACKAGE TYPE:
"Q" WITH PAD IN TAPE & REEL

NOTE: MATES WITH 300HG, 300HN
& 300HQ HOUSINGS

3.00MM(0.118") DOUBLE ROW PCB MOUNT POWER CONNECTOR



SPECIFICATIONS

Current Rating: 2.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to +85°C

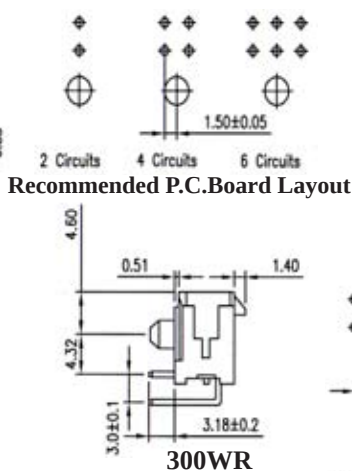
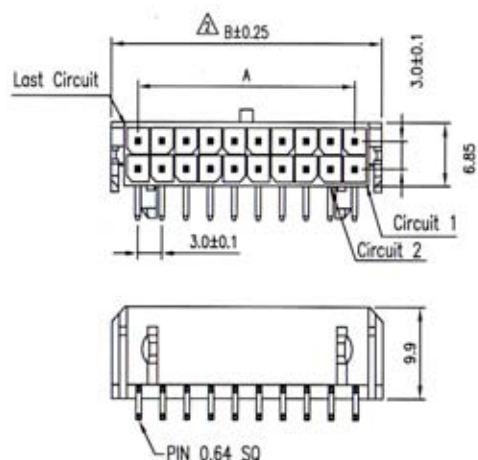
MATERIALS

Insulation Material: UL 94V-0

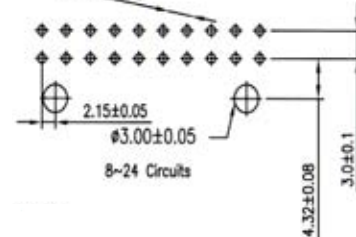
Nylon 46

Contact Material: Brass

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02		6.65
04	3.00	9.65
06	6.00	12.65
08	9.00	15.65
10	12.00	18.65
12	15.00	21.65
14	18.00	24.65
16	21.00	27.65
18	24.00	30.65
20	27.00	33.65
22	30.00	36.65
24	33.00	39.65



Recommended P.C.Board Layout

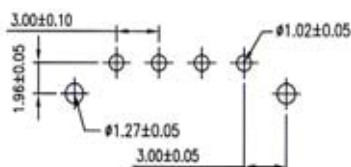
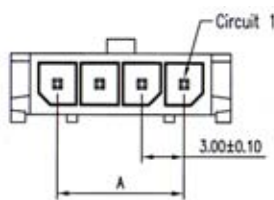
ORDERING INFORMATION:

P/N 3 0 0 $\frac{x}{1}$ $\frac{x}{2}$ $\frac{x}{3}$ $\frac{T}{4}$ B

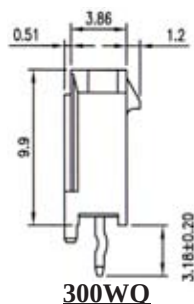
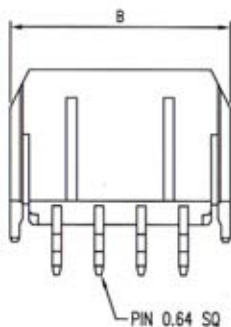
1. TERMINAL TYPE:
"WS" STRAIGHT TYPE
"WR" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 ~ 024
3. CONTACT FINISH:
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK

NOTE: MATES WITH 300HF, 300HM & 300HP HOUSINGS

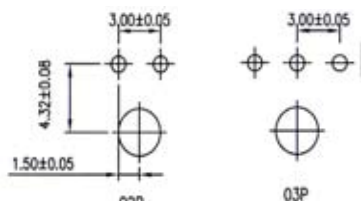
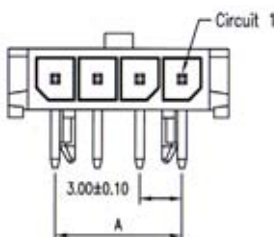
3.00MM(0.118") SINGLE ROW PCB MOUNT POWER CONNECTOR



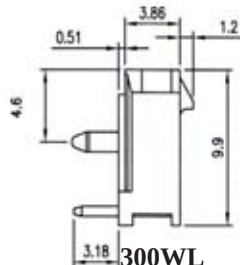
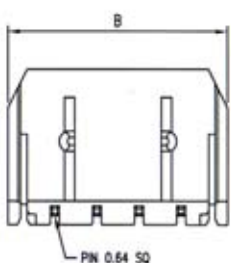
Recommended P.C.Board Layout



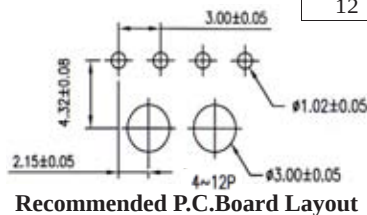
300WQ



Recommended P.C.Board Layout



300WL



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 5.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 10mΩ Max.

Operating Temperature: -25°C to + 85°C

MATERIALS

Insulation Material: UL 94V-0

Nylon-9T

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	3.00	9.00
03	6.00	12.00
04	9.00	15.00
05	12.00	18.00
06	15.00	21.00
07	18.00	24.00
08	21.00	27.00
09	24.00	30.00
10	27.00	33.00
11	30.00	36.00
12	33.00	39.00

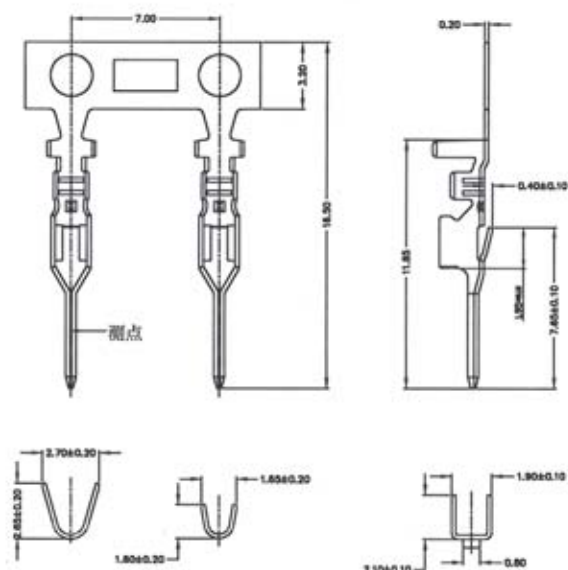
ORDERING INFORMATION:

P/N 3 0 0 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ $\frac{T}{4}$ B

1. TERMINAL TYPE:
"WQ" STRAIGHT TYPE
"WL" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 ~ 012
3. CONTACT FINISH:
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK

NOTE: MATES WITH 300HG, 300HN & 300HQ HOUSINGS

3.50MM(0.138") SPACING WIRE-TO-BOARD SYSTEM (1)



350JU-10KT

TERMINAL

Voltage Rating: 1400V AC/DC

Current Rating: 1A AC/DC

Withstanding Voltage: 3800V AC/Minute

Insulation Resistance: 500MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

Applicable Wires: AWG#24~28

Material: Phos. Bronze, Tin Plated

HOUSING

Voltage Rating: 1400V AC/DC

Current Rating: 1A AC/DC

Withstanding Voltage: 3800V AC/Minute

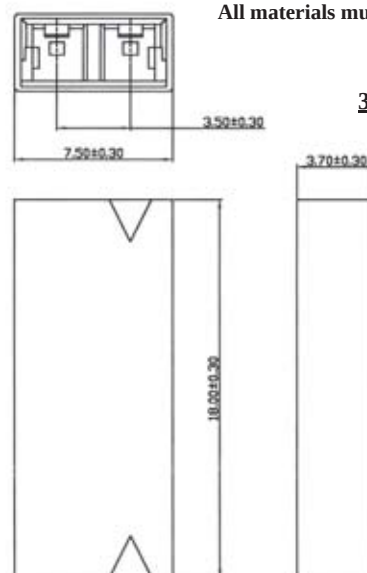
Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

Material: Nylon 66 UL94V-0

All materials must be RoHS compliant.



350JK-002HW

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 350JU-10KT

PU= 10,000PCS/REEL

NOTE: ACCEPTS 350JK HOUSING

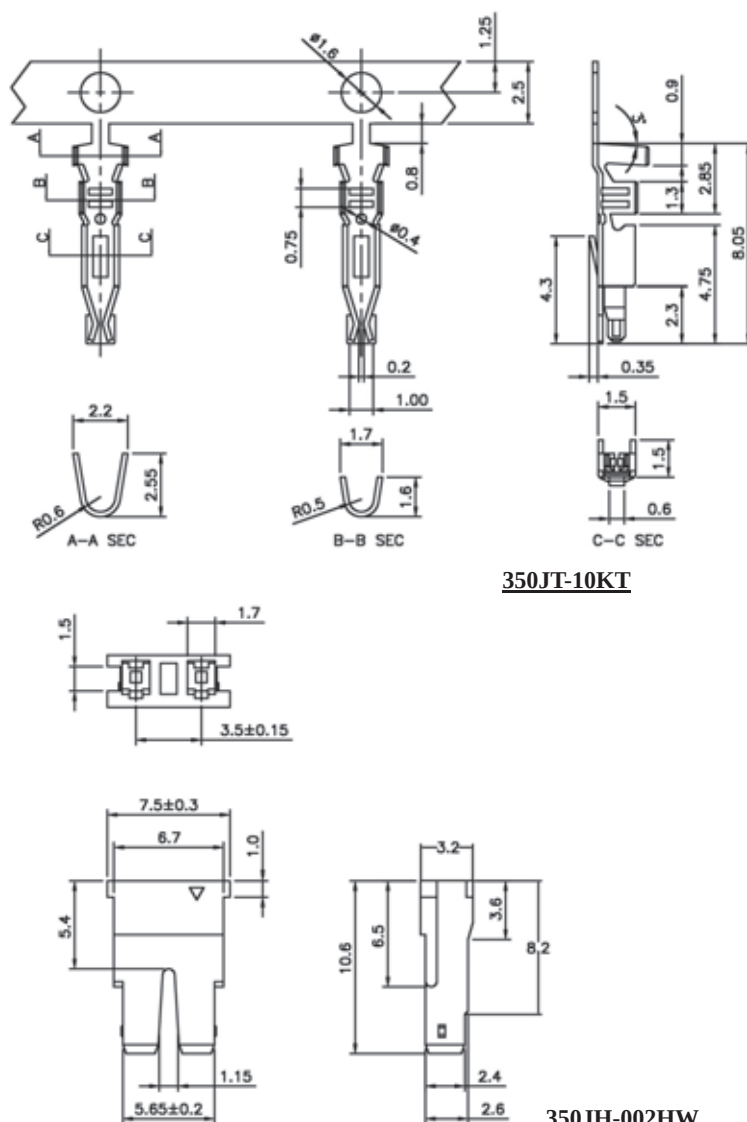
HOUSING:

P/N 350JK - $\frac{xx}{1}$ HW

1. NO. OF CONTACTS:
002

NOTE: ACCEPTS 350JU TERMINAL

3.50MM(0.138") SPACING WIRE-TO-BOARD SYSTEM (2)



TERMINAL

Voltage Rating: 1400V AC/DC

Current Rating: 1A AC/DC

Withstanding Voltage: 3800V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

Applicable Wires: AWG#24~28

Material: Phos. Bronze, Tin Plated

Thickness: 0.20mm

HOUSING

Voltage Rating: 1400V AC/DC

Current Rating: 1A AC/DC

Withstanding Voltage: 3800V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

Material: Nylon 66 UL94V-0

All materials must be RoHS compliant.

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 350JT-10KT

PU= 10,000PCS/REEL

NOTE: ACCEPTS 350JH HOUSING

HOUSING:

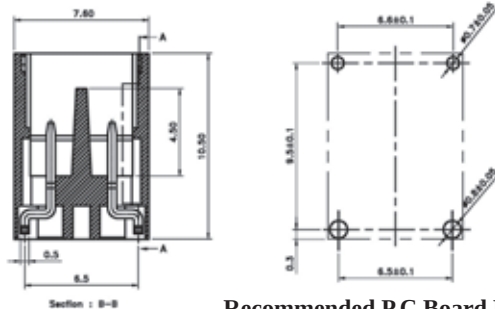
P/N 350JH-xxxHW
1

1. NO. OF CONTACTS:

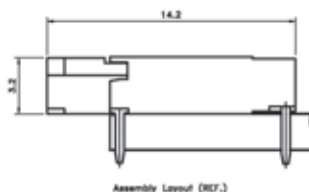
002

NOTE: ACCEPTS 350JT TERMINAL

Section : A-A



350JR-002TW



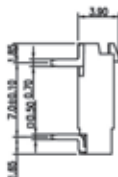
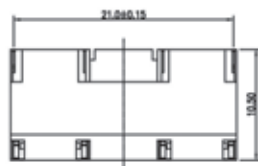
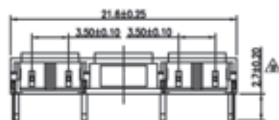
P/N 350 xx - 002 TW

- NOTE: MATES WITH 350JH & 350JK HOUSING

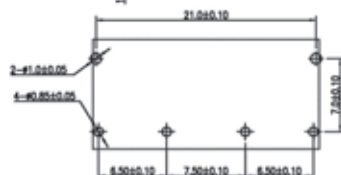
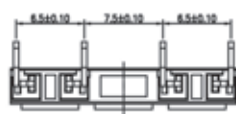
Contact Resistance: 20mΩ Max

All materials must be RoHS compliant.

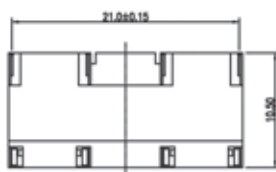
3.50MM(0.138") SPACING WIRE-TO-BOARD SYSTEM (4)



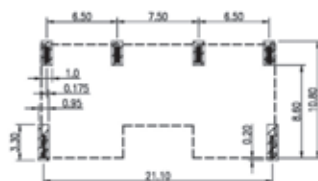
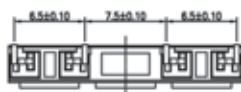
350JR-004TW



Recommended P.C.Board Layout



350JS-004TW



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 350 $\frac{xx}{1}$ - $\frac{004}{2}$ $\frac{TW}{3}$

1. HOUSING TYPE:
"JR" RIGHT ANGLE DIP TYPE
"JS" RIGHT ANGLE SMT TYPE
2. NO. OF CONTACTS:
004
3. CONTACT FINISH:
"T" FULL TIN PLATED
"MT" MATTE TIN PLATED

NOTE: MATES WITH 350JH & 350JK HOUSING

MATERIAL

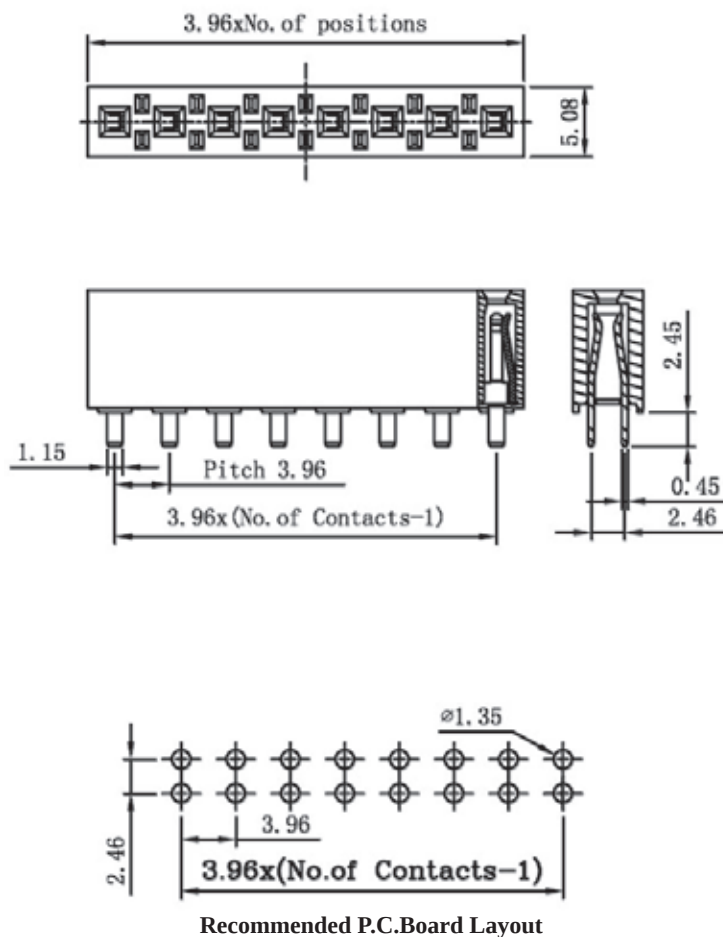
Contact: Copper Alloy

Housing: Heat Resistant UL94V-0, White

Terminal & Solder Tail: Sn or Mat-Sn Plated

All materials must be RoHS compliant.

3.96MM(0.156") FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE



SPECIFICATIONS

Current Rating: 8.2Amp 30°C

Temperature Rise

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: Thermoplastic UL94V-0

Contact: Copprt Alloy

Plating: Tin or Au Plated Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

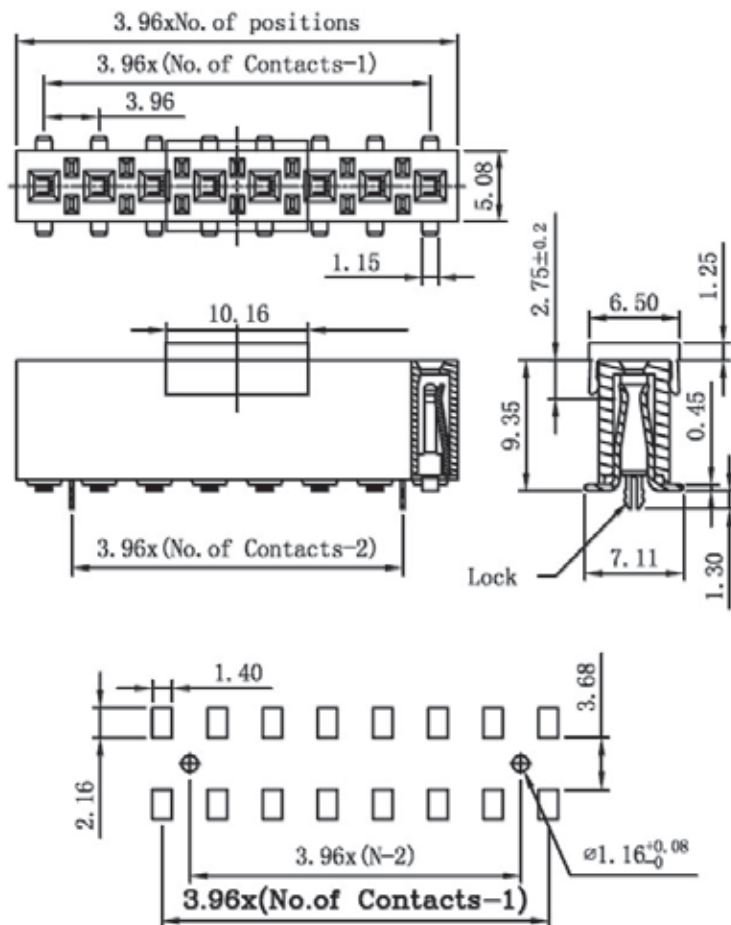
P/N 3 9 6 FA - xx xx B - x

1. CONNECTOR TYPE:
"FA" STRAIGHT DIP TYPE
2. NO. OF CONTACTS:
002 ~ 024
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. PACKAGE TYPE:
"T" WITHOUT PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

3.96MM(0.156") FEMALE HEADER SINGLE ROW SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 8.2Amp 30°C

Temperature Rise

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: Thermoplastic UL94V-0

Contact: Copprt Alloy

Plating: Tin or Au Plated Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 3 9 6 $\frac{x}{1}x - \frac{x}{2}x \frac{x}{3} B - \frac{x}{4}$

1. CONNECTOR TYPE:

"FL" WITH LOCK

"FM" WITHOUT LOCK

2. NO. OF CONTACTS:

002 ~ 024

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

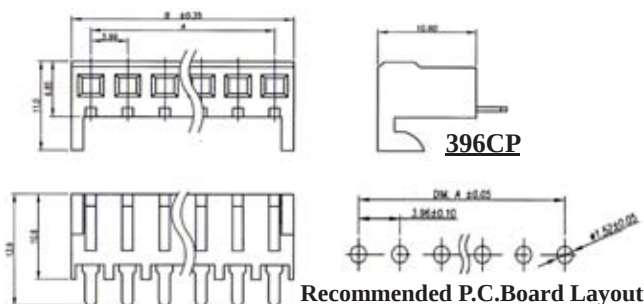
"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

3.96MM(0.156") PCB SOCKET WITH 2 LOCATING PEGS



SPECIFICATIONS

Current Rating: 5.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 50KMΩ Min

Contact Resistance: 6mΩ Max.

Operating Temperature: 0°C to + 75°C

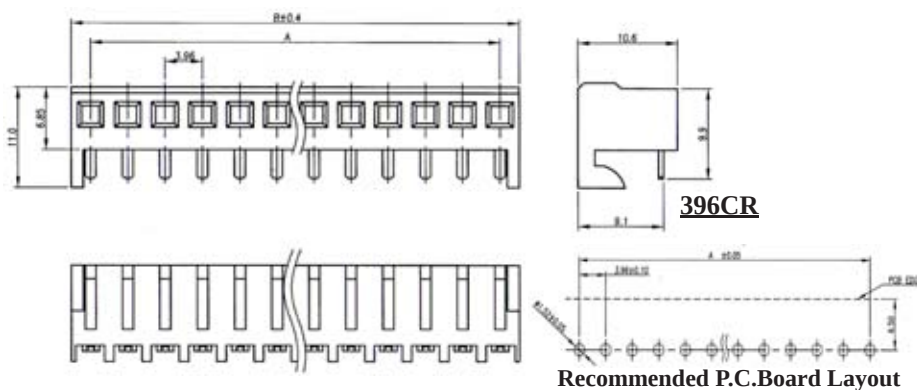
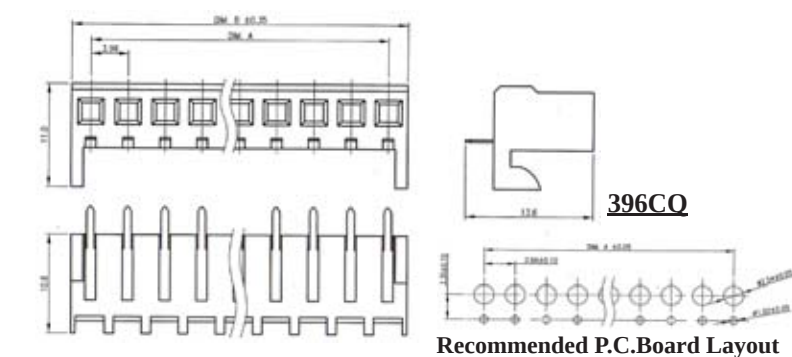
MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	3.96	8.06
03	7.92	12.02
04	11.88	15.98
05	15.84	19.94
06	19.80	23.90
07	23.76	27.86
08	27.72	31.82
09	31.68	35.78
10	35.64	39.74
11	39.60	43.70
12	43.56	47.66
13	47.52	51.62
14	51.48	55.58
15	55.44	59.54
16	59.40	63.50

ORDERING INFORMATION:

P/N 3 9 6 $\frac{x}{1}x - \frac{x}{2}x x T \frac{x}{3}$

1. CONNECTOR TYPE:

"CP" TOP ENTRY STRAIGHT TYPE

"CQ" BOTTOM ENTRY STRAIGHT TYPE

"CR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 ~ 016

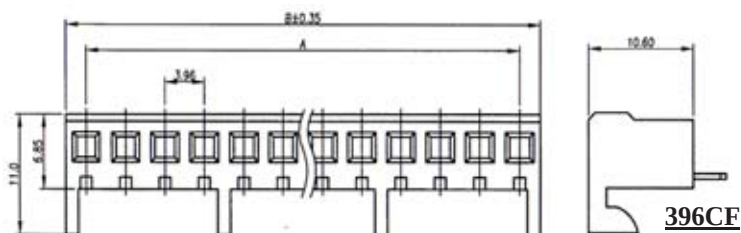
3. INSULATOR COLOR:

"W" WHITE (STANDARD)

"U" BLUE

"M" MILK WHITE

3.96MM(0.156") PCB SOCKET WITH 4 LOCATING PEGS



SPECIFICATIONS

Current Rating: 5.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 50KMΩ Min

Contact Resistance: 6mΩ Max.

Operating Temperature: 0°C to + 75°C

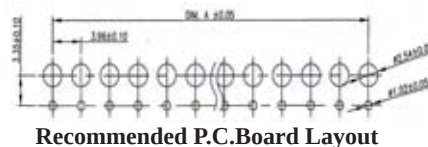
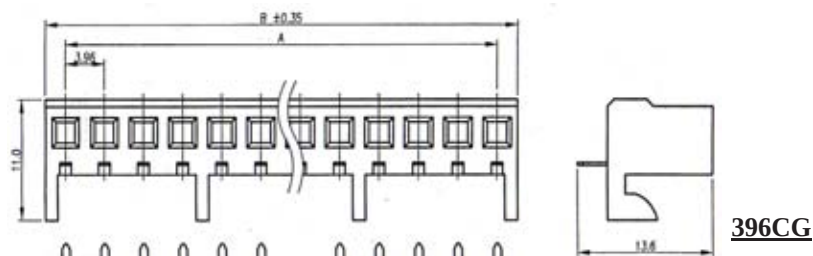
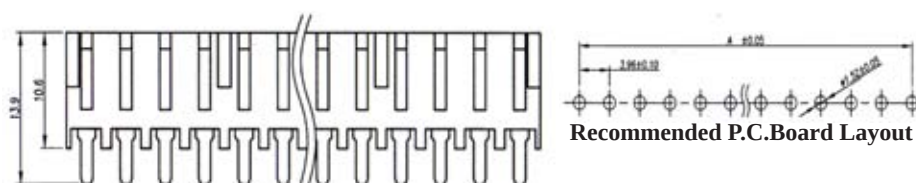
MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	3.96	8.06
03	7.92	12.02
04	11.88	15.98
05	15.84	19.94
06	19.80	23.90
07	23.76	27.86
08	27.72	31.82
09	31.68	35.78
10	35.64	39.74
11	39.60	43.70
12	43.56	47.66
13	47.52	51.62
14	51.48	55.58
15	55.44	59.54
16	59.40	63.50

ORDERING INFORMATION:

P/N 3 9 6 $\frac{x}{1}x - \frac{x}{2}xx \frac{T}{3}x$

1. CONNECTOR TYPE:

"CF" TOP ENTRY WITH 4 PEGS

"CG" BOTTOM ENTRY WITH 4 PEGS

2. NO. OF CONTACTS:

007 ~ 016

3. CONTACT FINISH:

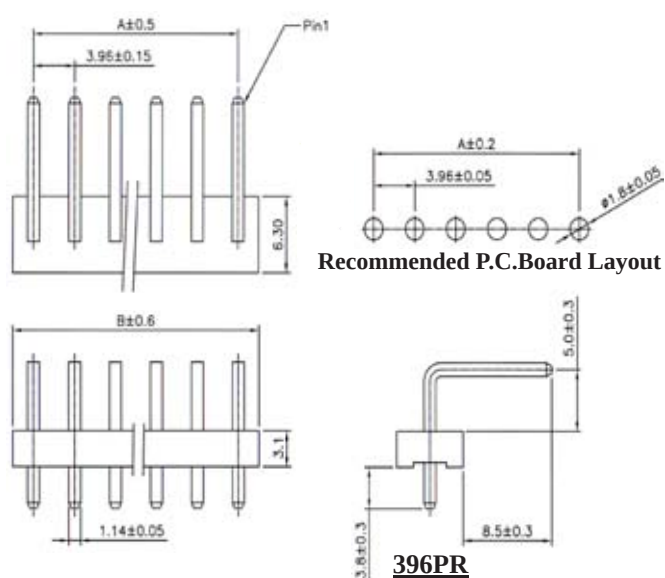
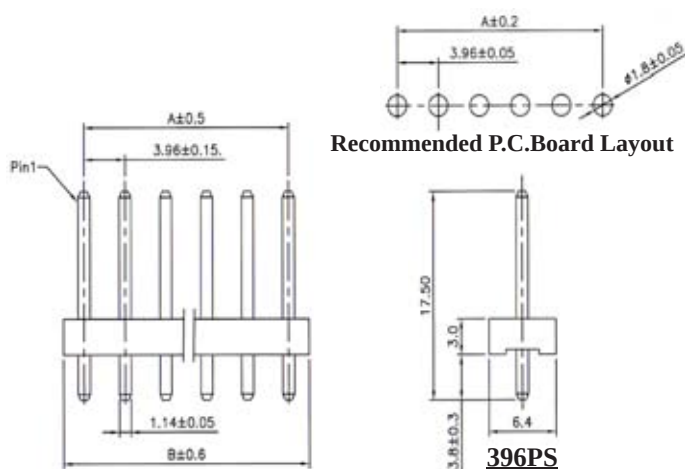
"T" FULL TIN PLATED

4. INSULATOR COLOR:

"W" WHITE (STANDARD)

"M" MILK WHITE

3.96MM(0.156") PIN HEADER



SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	3.96	7.92
03	7.92	11.88
04	11.88	15.84
05	15.84	19.80
06	19.80	23.76
07	23.76	27.72
08	27.72	31.68
09	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52
13	47.52	51.48
14	51.48	55.44

ORDERING INFORMATION:

P/N 3 9 6 1 2 T W

1. TERMINAL TYPE:

"PS" STRAIGHT TYPE

"PR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 ~ 014

NOTE: MATES WITH 396MH HOUSING

3.96MM(0.156") PIN HEADER STRAIGHT DIP TYPE

SPECIFICATIONS

Current Rating: 8.2Amp 30°C

Temperature Rise

Insulation Resistance: 1000MΩ Min.

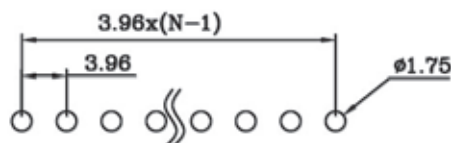
Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

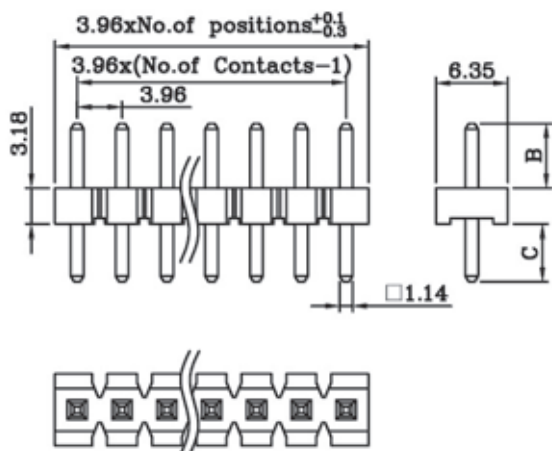
260°C For 10 Seconds



Recommended P.C.Board Layout

396PA-xxxTB-x

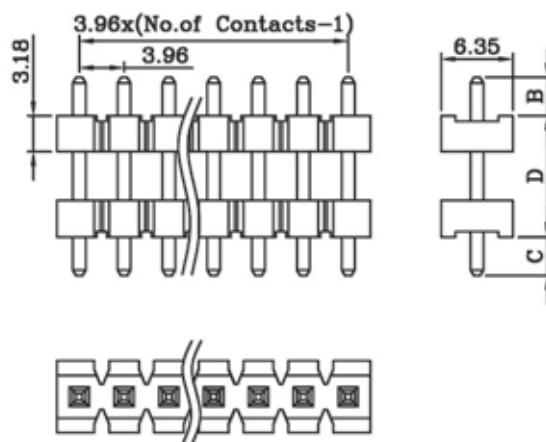
396PB-xxxTB-x



SINGLE BODY TYPE		
CODE	DIM. B	DIM. C
PA	11.43	4.44
PB	12.70	4.44

396QA-xxxTB-x

396QB-xxxTB-x



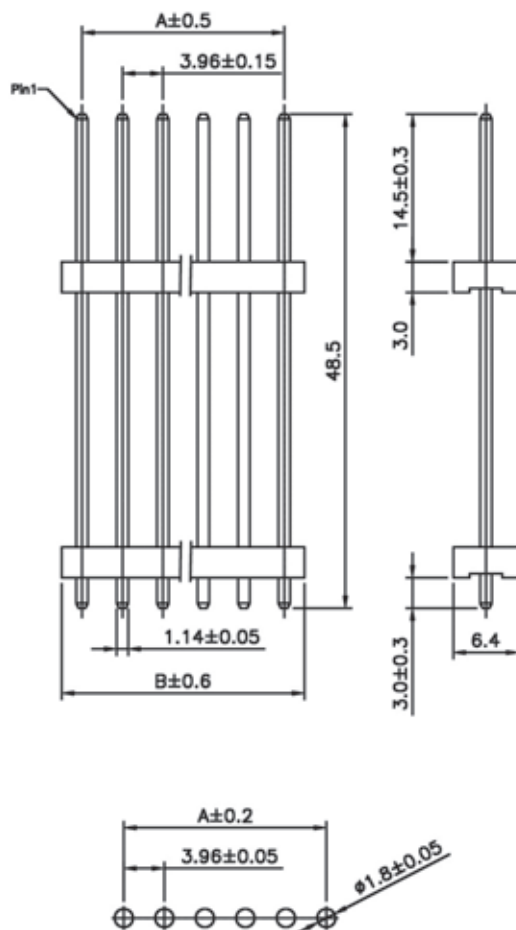
DOUBLE BODY TYPE			
CODE	DIM. B	DIM. C	DIM. D
QA	11.43	4.44	8.35
QB	12.70	4.44	8.35

ORDERING INFORMATION:

P/N 3 9 6 xx - xxx T B

1. TERMINAL TYPE:
SINGLE BODY TYPE: PA, PB
DOUBLE BODY TYPE: QA, QB
2. NO. OF CONTACTS:
002 ~ 024
3. CONTACT FINISH:
"T" FULL TIN PLATED

3.96MM(0.156") PIN HEADER WITH DUAL BODY



Recommended P.C.Board Layout

SPECIFICATIONS

Voltage Rating: 125V AC/DC

Current Rating: 3A AC/DC

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

MATERIAL

Contact: Brass, Tin Plated

Base: Nylon 66, UL94V-2

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
02	3.96	7.92
03	7.92	11.88
04	11.88	15.84
05	15.84	19.80
06	19.80	23.76
07	23.76	27.72
08	27.72	31.68
09	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52
13	47.52	51.48
14	51.48	55.44

ORDERING INFORMATION:

P/N 3 9 6 P D - x x x T W
1 2

1. CONNECTOR TYPE:

"PD" DOUBLE BODY STRAIGHT TYPE

2. NO. OF CONTACTS:

002 ~ 014

3.96MM(0.156") PIN HEADER RIGHT ANGLE DIP TYPE

SPECIFICATIONS

Current Rating: 8.2Amp 30°C

Temperature Rise

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

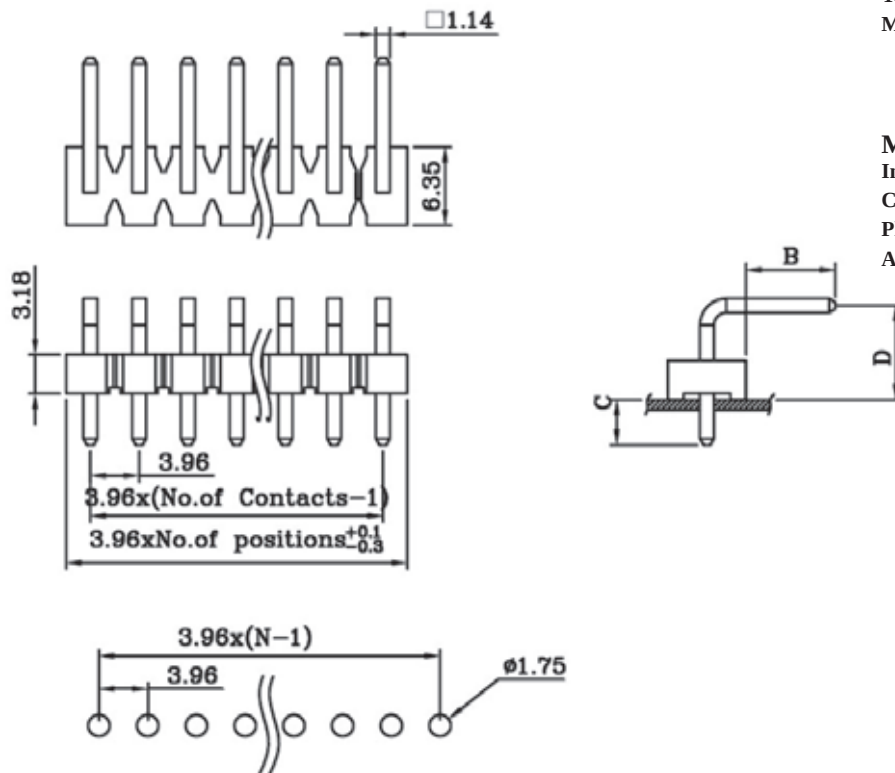
MATERIAL

Insulator: Thermoplastic UL94V-0

Contact: Copprt Alloy

Plating: Tin Plated Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 3 9 6 xx - xxx T B
1 2 3

1. TERMINAL TYPE:

"PP" B/C/D = 11.43/3.81/6.29MM

"PQ" B/C/D = 12.70/3.81/7.56MM

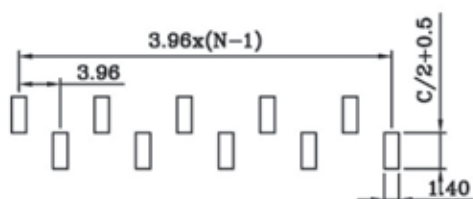
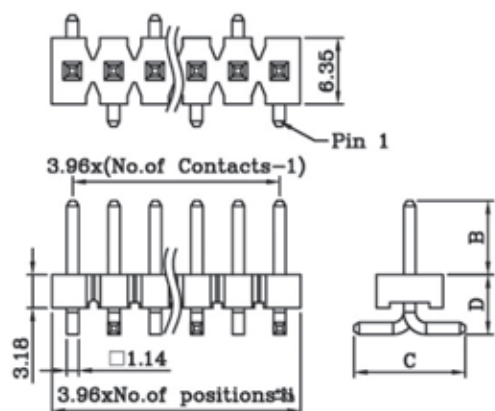
2. NO. OF CONTACTS:

002 ~ 024

3. CONTACT FINISH:

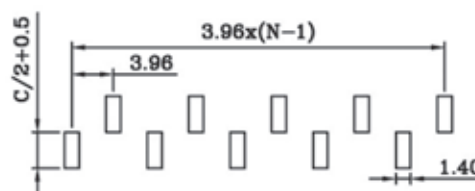
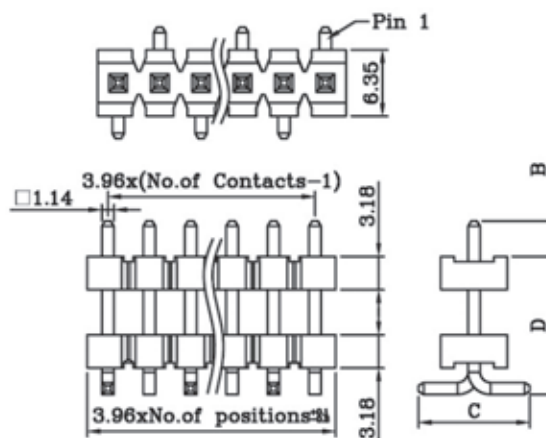
"T" FULL TIN PLATED

3.96MM(0.156") PIN HEADER SMT TYPE



Recommended P.C.Board Layout
A Type

TYPE A	TYPE B	DIMENSIONS(MM)		
		B	C	D
SA	SB	3.81	8.39	6.00
SC	SD	12.70	8.39	6.00
SP	SQ	3.81	8.39	9.50
SR	SS	12.70	8.39	9.50



Recommended P.C.Board Layout
B Type

SPECIFICATIONS

Current Rating: 8.2Amp 30°C

Temperature Rise

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: Thermoplastic UL94V-0

Contact: Copprt Alloy

Plating: Tin Plated Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 3 9 6 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ B - $\frac{x}{4}$

1. TERMINAL TYPE:

SINGLE BODY TYPE: SA, SB, SC, SD

DOUBLE BODY TYPE: SP, SQ, SR, SS

2. NO. OF CONTACTS:

002 ~ 024

3. CONTACT FINISH:

"T" FULL TIN PLATED

4. PACKAGE TYPE:

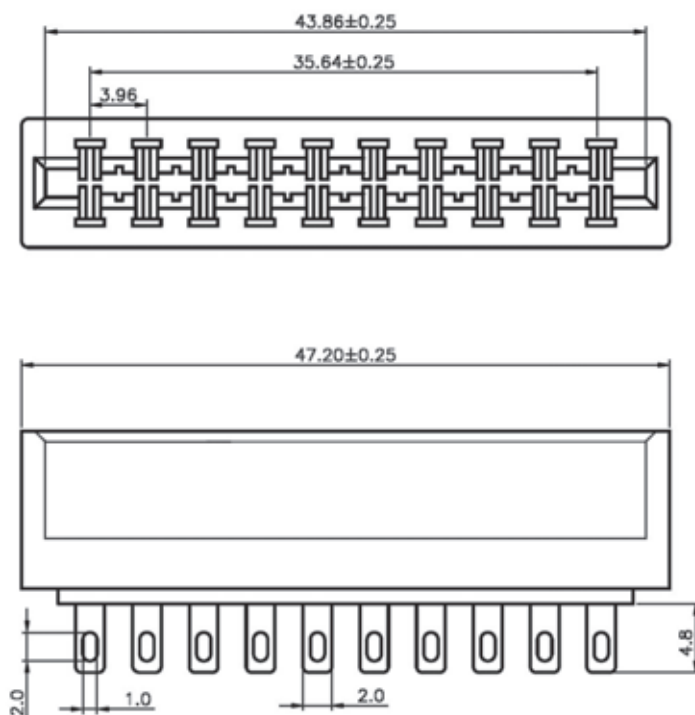
"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

3.96MM(0.156") CARDEGE SLOT CONNECTOR SOLDER TYPE SPACING OF ROWS=3.96MM



SPECIFICATIONS

Voltage Current Rating: 3A 30V AC

Contact Resistance: 10mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

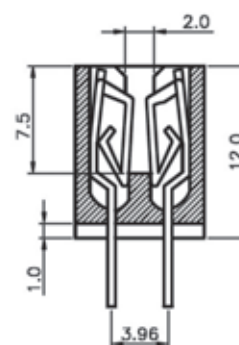
Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: High Temperature Thermoplastic

Contact: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 3 9 6 C V - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{G}{2} \frac{U}{3}$

1. NO. OF CONTACTS:

010 ~ 084

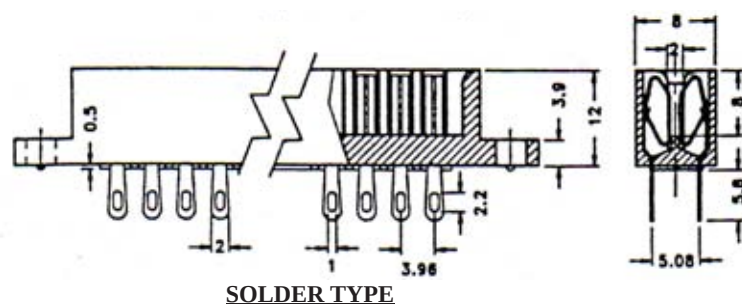
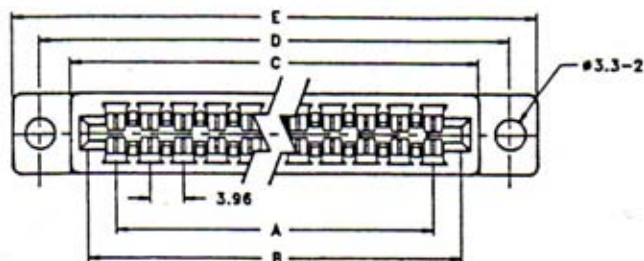
2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"U" BLUE

3.96MM CARDEDGE SLOT CONNECTOR SOLDER TYPE SPACING OF ROWS=5.08MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: P.B.T+30%GF, UL94V-0

Contact Material: Phosphor Bronze or Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)				
	A	B	C	D	E
12	19.81	28.20	31.40	38.89	45.30
20	35.69	44.04	47.24	54.73	61.14
24	43.57	51.96	55.16	62.65	69.06
30	55.45	63.84	67.04	74.53	80.94
36	67.33	75.72	78.92	86.41	92.82
44	83.17	91.56	94.76	102.25	108.66
48	91.09	99.48	102.68	110.17	116.58
50	95.05	103.44	106.64	114.13	120.54
56	106.93	115.32	118.52	126.01	132.42
60	114.85	123.24	126.44	133.93	140.34
72	138.61	147.00	150.20	157.69	164.10

ORDERING INFORMATION:

P/N 3 9 6 C A - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{G}{2} \frac{U}{3}$

1. NO. OF CONTACTS:

010, 012, 016, 020, 024, 026, 028, 030,
032, 036, 040, 044, 046, 050, 056, 060,
062, 064, 070, 072, 084

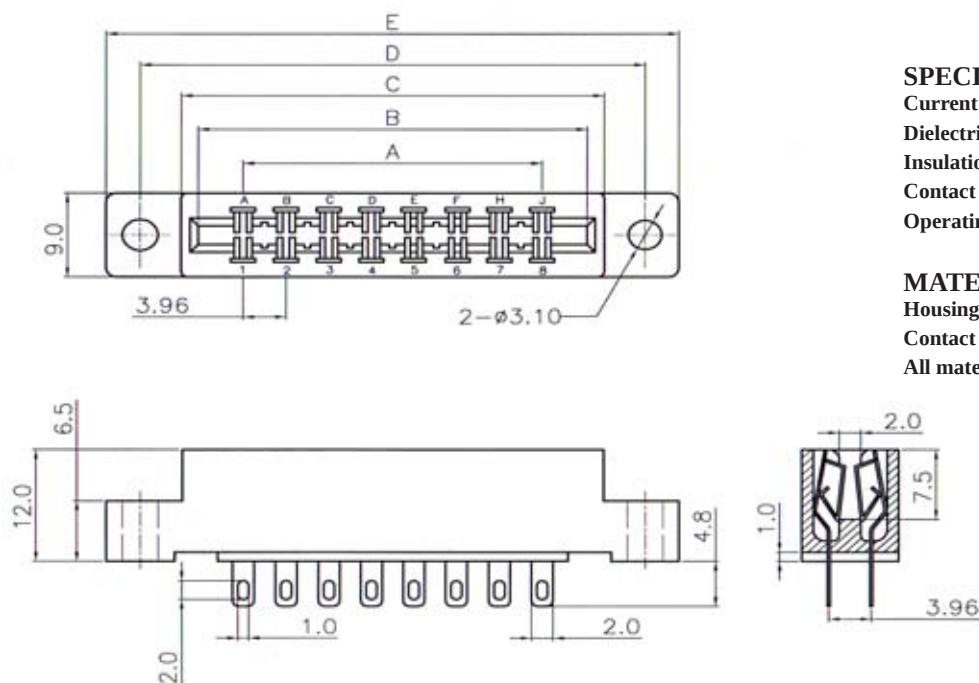
2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"U" BLUE

3.96MM CARDEDGE SLOT CONNECTOR SOLDER TYPE SPACING OF ROWS= 3.96MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Housing: PBT+30%GF, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)					No. of Contacts	Dimensions(mm)				
	A	B	C	D	E		A	B	C	D	E
10	15.84	24.06	27.40	34.94	41.24	44	83.16	91.38	94.72	102.26	108.56
12	19.80	28.02	31.36	38.90	45.20	46	87.12	95.34	98.68	106.22	112.52
16	27.72	35.94	39.28	46.82	53.12	50	95.04	103.26	106.60	114.14	120.44
20	35.64	43.86	47.20	54.74	61.04	56	106.92	115.14	118.48	126.02	132.32
24	43.56	51.78	55.12	62.66	68.96	60	114.84	123.06	126.40	133.94	140.24
26	47.52	55.74	59.08	66.62	72.92	62	118.80	127.02	130.36	137.90	144.20
28	51.48	59.70	63.04	70.58	76.88	64	122.76	130.98	134.32	141.86	148.16
30	55.44	63.66	67.00	74.54	80.84	70	134.64	142.86	146.20	153.74	160.04
32	59.40	67.62	70.96	78.50	84.80	72	138.60	146.82	150.16	157.70	164.00
36	67.32	75.54	78.88	86.42	92.72	86	166.32	174.54	177.88	185.49	191.48
40	75.24	83.46	86.80	94.34	100.64						

ORDERING INFORMATION:

P/N 3 9 6 C S - $\frac{x}{1} \frac{x}{2} \frac{G}{3} U$

1. NO. OF CONTACTS:

010 ~ 086

2. CONTACT FINISH:

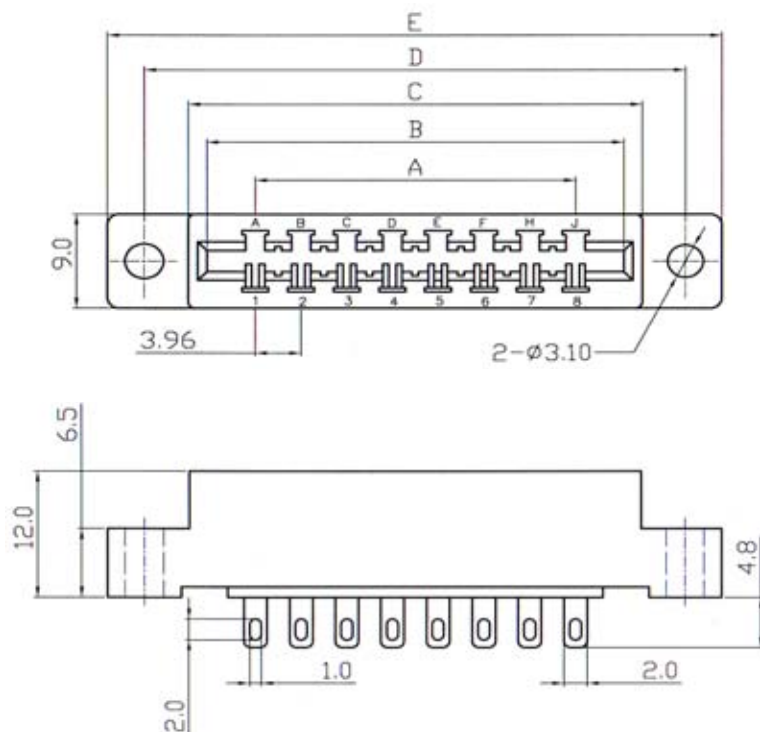
"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"B" BLACK

"U" BLUE (STANDARD)

3.96MM CARDEDGE SLOT CONNECTOR SINGLE ROW SOLDER TYPE



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Housing: PBT, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)					No. of Contacts	Dimensions(mm)				
	A	B	C	D	E		A	B	C	D	E
05	15.84	24.06	27.40	34.94	41.24	22	83.16	91.38	94.72	102.26	108.56
06	19.80	28.02	31.36	38.90	45.20	23	87.12	95.34	98.68	106.22	112.52
08	27.72	35.94	39.28	46.82	53.12	25	95.04	103.26	106.60	114.14	120.44
10	35.64	43.86	47.20	54.74	61.04	28	106.92	115.14	118.48	126.02	132.32
11	43.56	51.78	55.12	62.66	68.96	30	114.84	123.06	126.40	133.94	140.24
12	47.52	55.74	59.08	66.62	72.92	31	118.80	127.02	130.36	137.90	144.20
14	51.48	59.70	63.04	70.58	76.88	32	122.76	130.98	134.32	141.86	148.16
15	55.44	63.66	67.00	74.54	80.84	35	134.64	142.86	146.20	153.74	160.04
16	59.40	67.62	70.96	78.50	84.80	36	138.60	146.82	150.16	157.70	164.00
18	67.32	75.54	78.88	86.42	92.72	43	166.32	174.54	177.88	185.49	191.48
20	75.24	83.46	86.80	94.34	100.64						

ORDERING INFORMATION:

P/N 3 9 6 C T - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{G}{2} \frac{x}{3}$

1. NO. OF CONTACTS:

005 ~ 043

2. CONTACT FINISH:

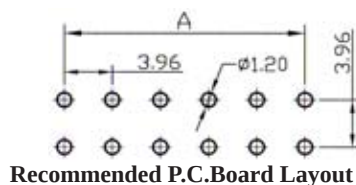
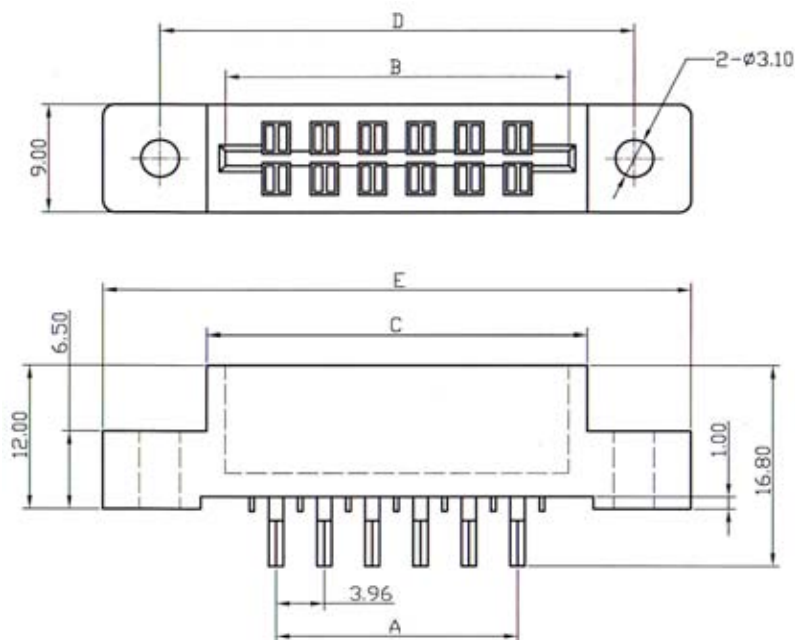
"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"B" BLACK

"U" BLUE (STANDARD)

3.96MM CARDEDGE SLOT CONNECTOR STRAIGHT DIP TYPE SPACING OF ROWS= 3.96MM

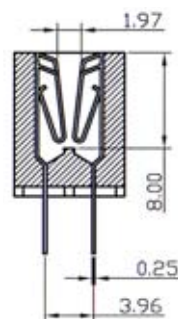


SPECIFICATIONS

Current Rating: 3.0 Amp
Dielectric Withstanding: 800V AC
Insulation Resistance: 5000MΩ Min
Contact Resistance: 20mΩ Max.
Operating Temperature: -55°C to + 105°C

MATERIALS

Housing: PBT, UL94V-0
Contact Material: Copper Alloy
All materials must be RoHS compliant.



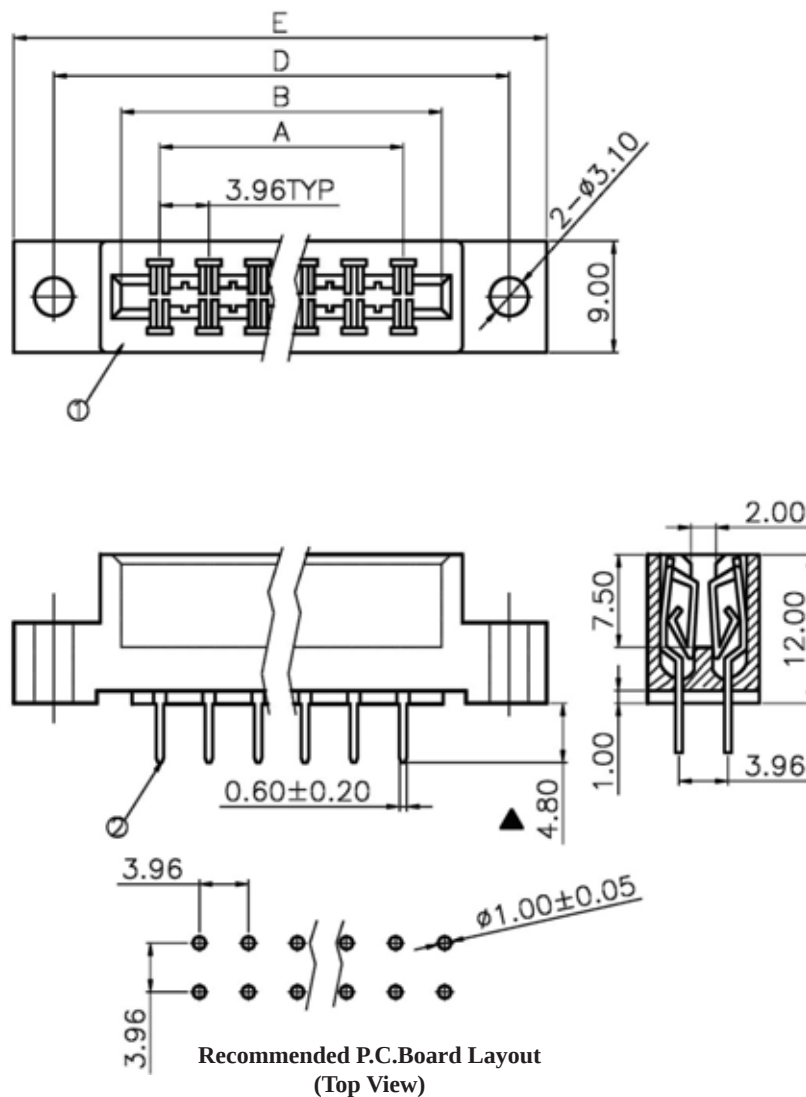
No. of Contacts	Dimensions(mm)				
	A	B	C	D	E
10	15.84	24.06	27.40	34.94	41.20
12	19.80	28.02	31.36	38.90	45.16
16	27.72	35.94	39.28	46.82	53.08
20	35.64	43.86	47.20	54.74	61.00
24	43.56	51.78	55.12	62.66	68.92
30	55.44	63.66	67.00	74.54	80.80
36	67.32	75.54	78.88	86.42	92.68
44	83.16	91.38	94.72	102.26	108.52
48	91.08	99.30	102.26	110.18	116.44
56	106.92	115.14	118.48	126.02	132.28
60	114.84	123.06	126.40	133.94	140.20
72	138.60	146.82	150.16	157.77	163.96
86	191.48	185.49	177.88	174.54	166.32

ORDERING INFORMATION:

P/N 3 9 6 C C - $\frac{x x x}{1} \frac{G x}{2 3}$

1. NO. OF CONTACTS:
010, 012, 016, 020, 024, 030, 036, 044, 048, 056, 060, 072, 086
2. CONTACT FINISH:
"G" FULL GOLD PLATED
3. INSULATOR COLOR:
"B" BLACK
"U" BLUE (STANDARD)

3.96MM(0.156") CARDEDGE SLOT CONNECTOR STRAIGHT DIP TYPE SPACING OF ROWS=3.96MM



SPECIFICATIONS

Voltage Current Rating: 3A 30V AC

Contact Resistance: 10mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: PBT, UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
10	15.84	24.06	27.40	34.94	41.24
12	19.80	28.02	31.36	38.90	45.20
16	27.72	35.94	39.28	46.82	53.12
20	35.64	43.86	47.20	54.74	61.04
22	39.60	47.82	51.16	58.70	65.00
24	43.56	51.78	55.12	62.66	68.96
28	51.48	59.70	63.04	70.58	76.88
30	55.44	63.66	67.00	74.54	80.84
32	59.40	67.62	70.96	78.50	84.80
36	67.32	75.54	78.88	86.42	92.72
40	75.24	83.46	86.80	94.34	100.64
44	83.16	91.38	94.72	102.26	108.56
46	87.12	95.34	98.68	106.22	112.52
50	95.04	103.26	106.60	114.14	120.44
56	106.92	115.14	118.48	126.02	132.32
60	114.84	123.06	126.40	133.94	140.24
62	118.80	127.02	130.36	137.90	144.20
64	122.76	130.98	134.32	141.86	148.16
70	134.64	142.86	146.20	153.74	160.04
72	138.60	146.82	150.16	157.70	164.00
86	166.32	174.54	177.88	185.49	191.48

ORDERING INFORMATION:

P/N 3 9 6 C U - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{G}{2} \frac{U}{3}$

1. NO. OF CONTACTS:

010 ~ 086

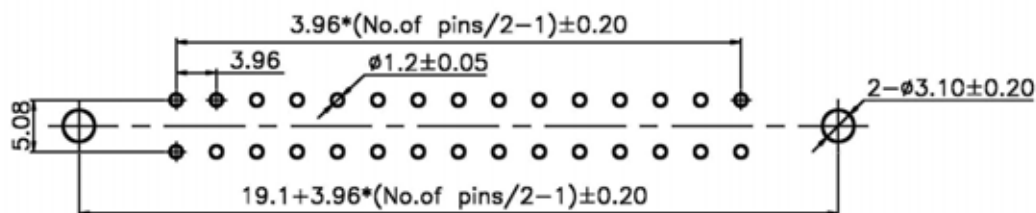
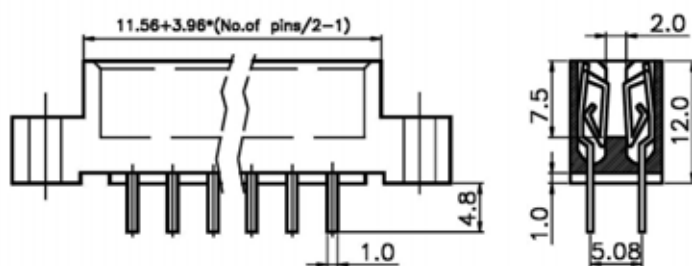
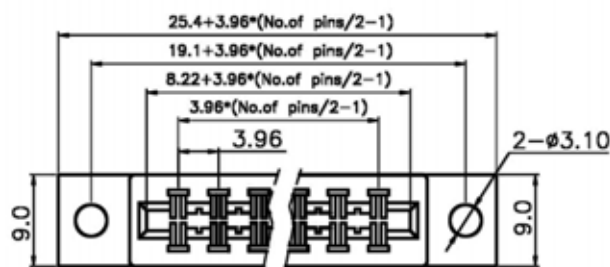
2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"U" BLUE

3.96MM(0.156") CARDEDGE SLOT CONNECTOR STRAIGHT DIP TYPE SPACING OF ROWS=5.08MM



Recommended P.C.Board Layout
(Top View)

SPECIFICATIONS

Voltage Current Rating: 3A 30V AC

Contact Resistance: 10mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: PBT, UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 3 9 6 C M - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{G}{2} \frac{U}{3}$

1. NO. OF CONTACTS:

010, 012, 016, 020, 024, 030, 036,
044, 048, 056, 060, 072, 086

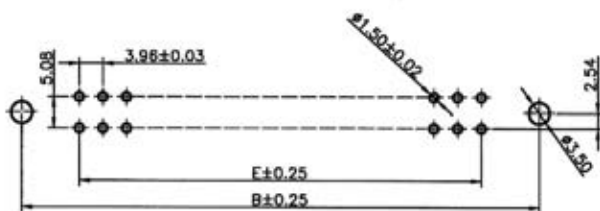
2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"U" BLUE

3.96MM(0.156") CARDEGE SLOT CONNECTOR STRAIGHT DIP TYPE SPACING OF ROWS=5.08MM



Recommended P.C.Board Layout
(Top View)

SPECIFICATIONS

Voltage Current Rating: 3A 30V AC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 800V AC/Min.

Operating Temperature: -55°C to +105°C

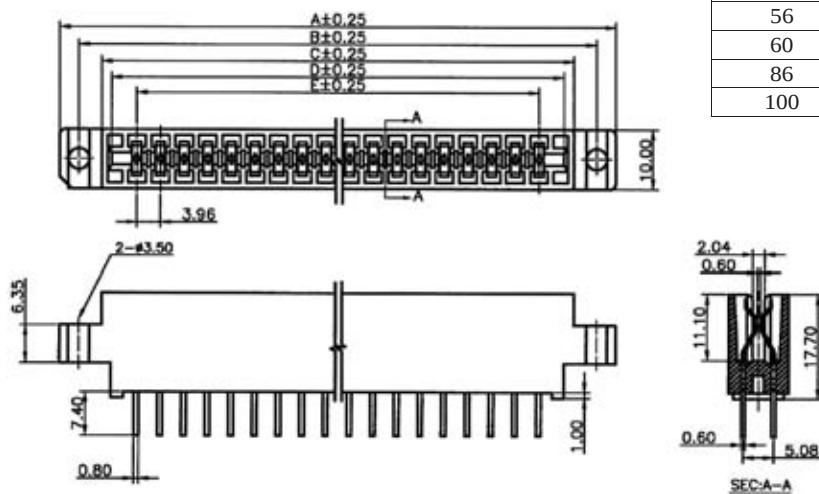
MATERIALS

Insulator: PBT, UL94V-0

Contact: Phosphor Bronze

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
36	93.02	86.62	79.02	75.72	67.32
40	100.94	94.54	86.94	83.64	75.24
44	108.86	102.46	94.86	91.56	83.16
56	132.2	126.22	118.62	115.32	106.92
60	140.54	134.14	126.54	123.24	114.84
86	192.02	185.62	178.02	174.72	166.32
100	219.74	213.34	205.74	202.44	194.04

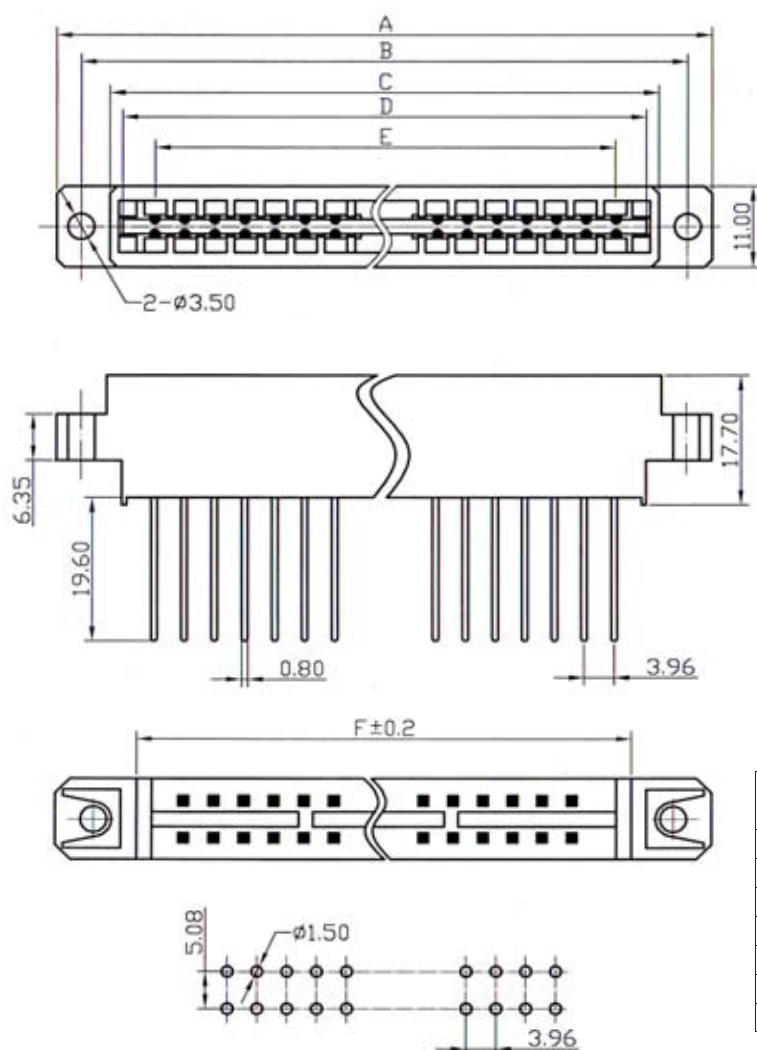


ORDERING INFORMATION:

P/N 3 9 6 C B - $\frac{\text{XXX}}{1}$ $\frac{\text{S B}}{2 3}$

1. NO. OF CONTACTS:
034, 040, 044, 056, 060, 086, 100
2. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED
3. INSULATOR COLOR:
"B" BLACK

3.96MM CARDEDGE SLOT CONNECTOR STRAIGHT DIP TYPE SPACING OF ROWS= 5.08MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 800V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

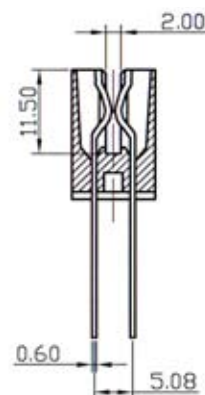
Operating Temperature: -55°C to + 105°C

MATERIALS

Housing: PBT, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.



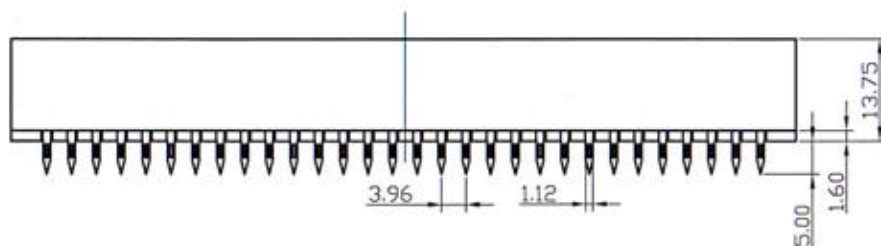
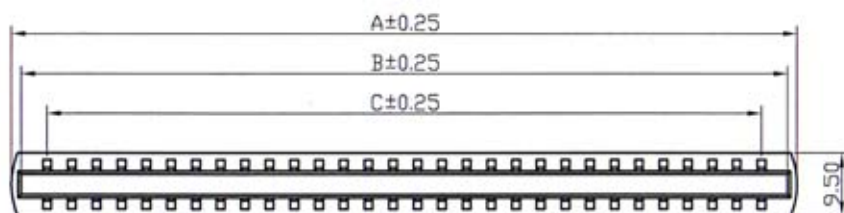
No. of Contacts	Dimensions(mm)				
	A	B	C	D	E
36	93.02	86.62	79.02	75.72	67.32
40	100.94	94.54	86.94	83.64	75.24
44	108.86	102.46	94.86	91.56	83.16
56	132.62	126.22	118.62	115.32	106.92
60	140.54	134.14	126.54	123.24	114.84
86	192.02	185.62	178.02	174.72	166.32
100	219.74	213.34	205.74	202.44	194.04

ORDERING INFORMATION:

P/N 3 9 6 C E - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{G}{2} \frac{x}{3}$

1. NO. OF CONTACTS:
036, 040, 044, 056, 060, 086, 100
2. CONTACT FINISH:
"G" FULL GOLD PLATED
3. INSULATOR COLOR:
"B" BLACK
"U" BLUE

3.96MM CARDEDGE SLOT CONNECTOR PRESS FIT TYPE SPACING OF ROWS= 5.08MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 800V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

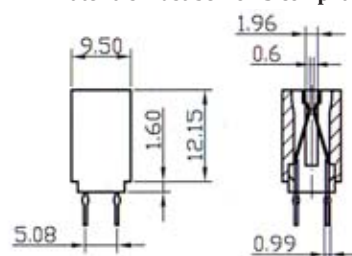
Operating Temperature: -55°C to + 105°C

MATERIALS

Housing: PBT, UL94V-0

Contact Material: Copper Alloy

All materials must be RoHS compliant.



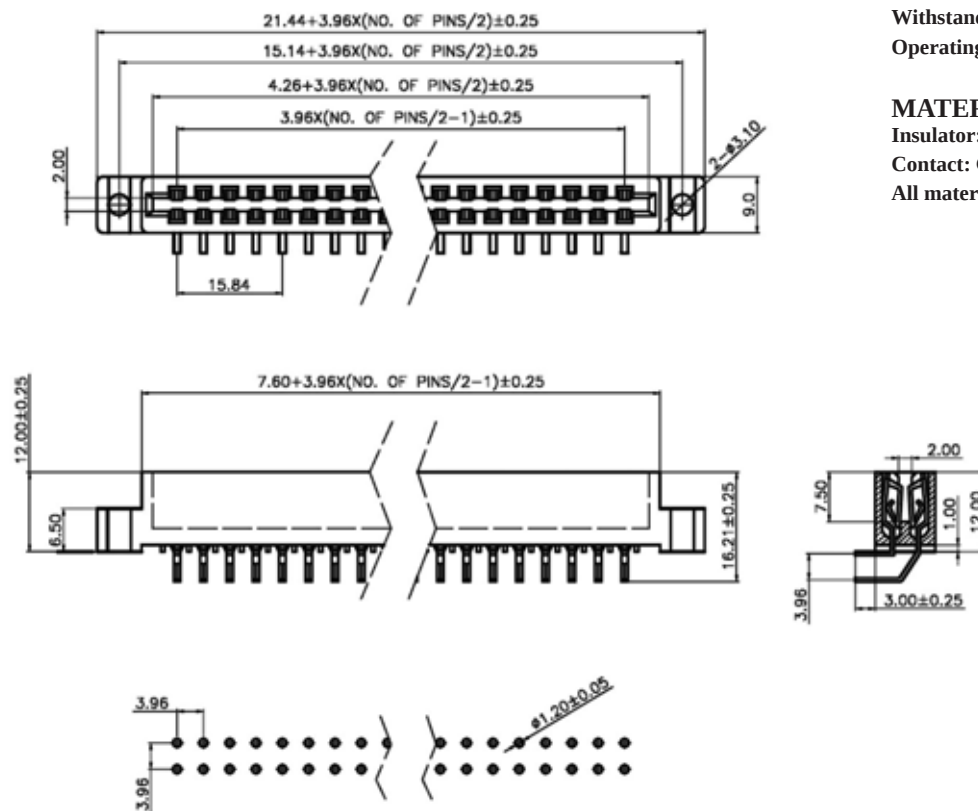
No. of Contacts	Dimensions(mm)		
	A	B	C
56	118.30	115.20	106.92
60	126.22	123.12	114.84
72	149.98	146.88	138.60
80	165.82	162.72	154.44
86	177.70	174.60	166.32
100	205.42	202.32	194.04

ORDERING INFORMATION:

P/N 3 9 6 C D - $\frac{x x x}{1} \frac{G x}{2 3}$

1. NO. OF CONTACTS:
056, 060, 072, 080, 086, 100
2. CONTACT FINISH:
"G" FULL GOLD PLATED
3. INSULATOR COLOR:
"B" BLACK
"U" BLUE

3.96MM(0.156") CARDEGE SLOT CONNECTOR RIGHT ANGLE DIP TYPE SPACING OF ROWS=3.96MM



Recommended P.C.Board Layout
(Top View)

SPECIFICATIONS

Voltage Current Rating: 3A 30V AC

Contact Resistance: 10mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: PBT, UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 3 9 6 C L - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{G}{2} \frac{U}{3}$

1. NO. OF CONTACTS:

010, 012, 016, 020, 024, 030, 036,
044, 048, 056, 060, 072, 086

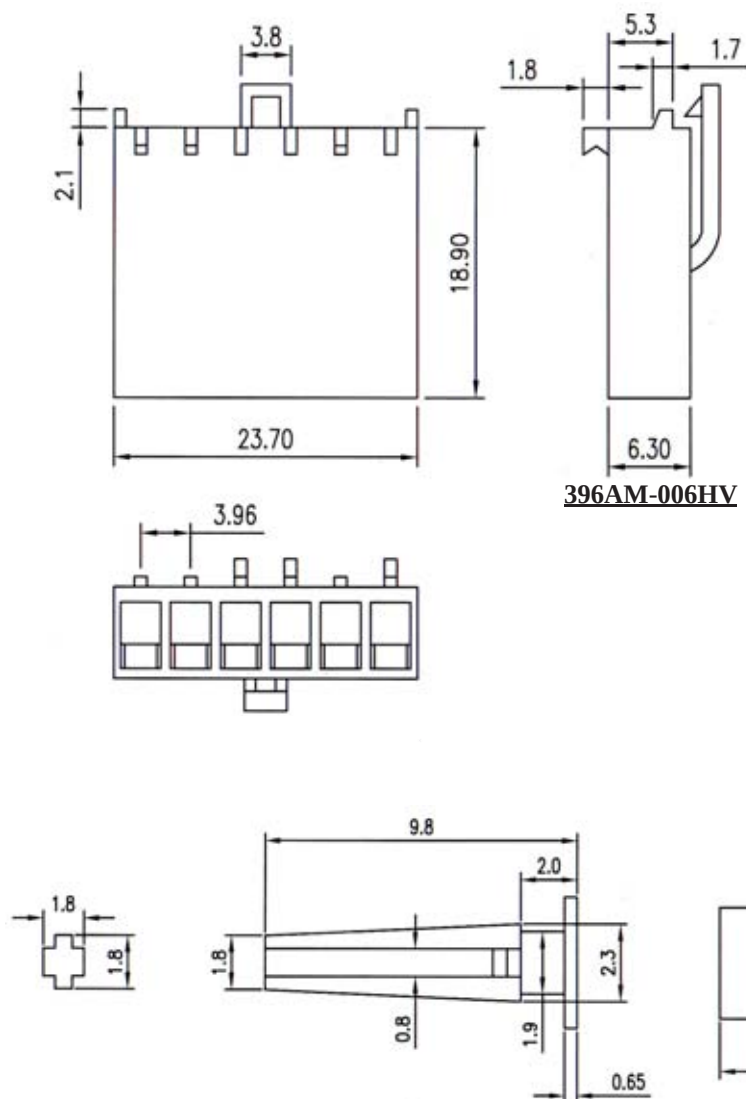
2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. INSULATOR COLOR:

"U" BLUE

3.96MM(0.156") MEDIUM CURRENT POWER CONNECTOR SYSTEM (1)



SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

HOUSING:

P/N 396AM-006HV

NOTE: ACCEPTS 396MT & 396MU TERMINALS

POLARIZATION KEY:

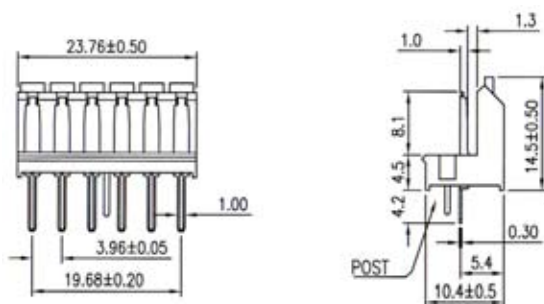
P/N 396KY-001K_X₁

1. INSULATOR COLOR:

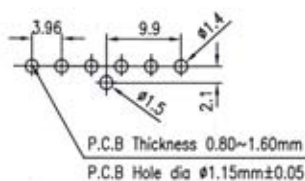
"V" NATURE

"W" WHITE

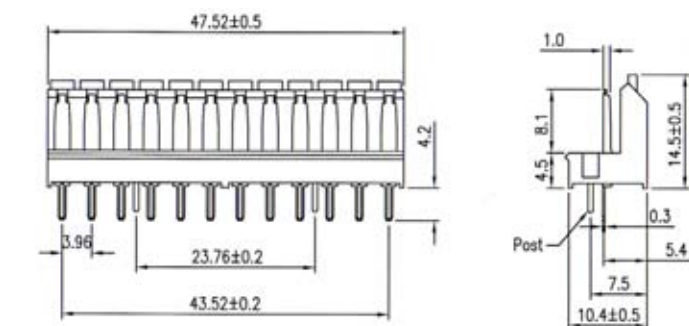
3.96MM(0.156") MEDIUM CURRENT POWER CONNECTOR SYSTEM (2)



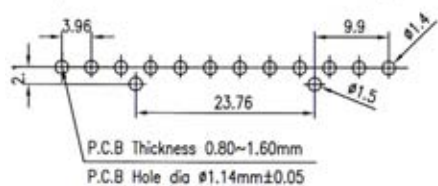
396AN-006TV/396AP-006TV



Recommended P.C.Board Layout



396AN-012TV/396AP-012TV



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 3 9 6 xx - xxx T V
 1 2

1. POST OPTION:
 "AN" WITH POST (STANDARD)
 "AP" WITHOUT POST
2. NO. OF CONTACTS:
 006, 012

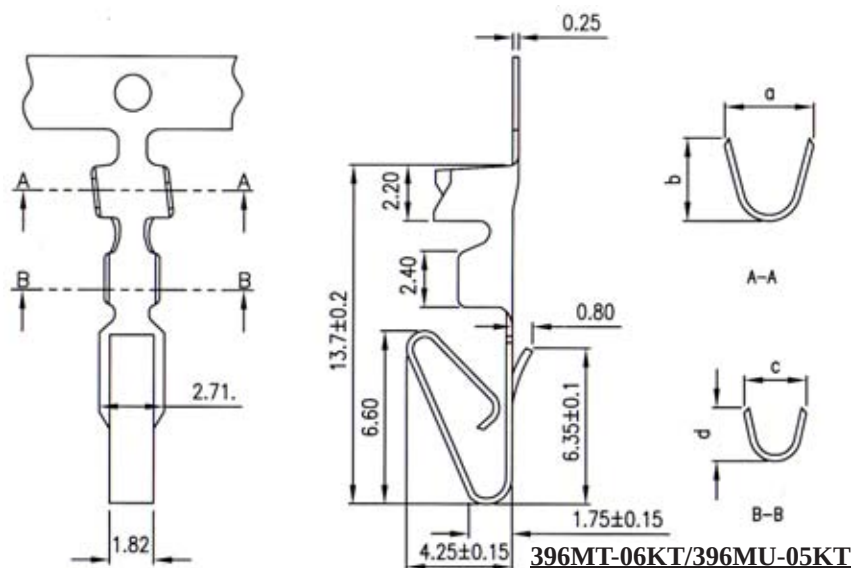
SPECIFICATIONS

Current Rating: 7.0 Amp
Dielectric Withstanding: 1500V AC
Insulation Resistance: 1000MΩ Min
Contact Resistance: 20mΩ Max.
Operating Temperature: -25°C to + 85°C

MATERIALS

Insulation Material: UL 94V-2
 Nylon 66
Contact Material: Brass
 All materials must be RoHS compliant.

3.96MM(0.156") SPACING WIRE-TO-BOARD SYSTEM (A1)



SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

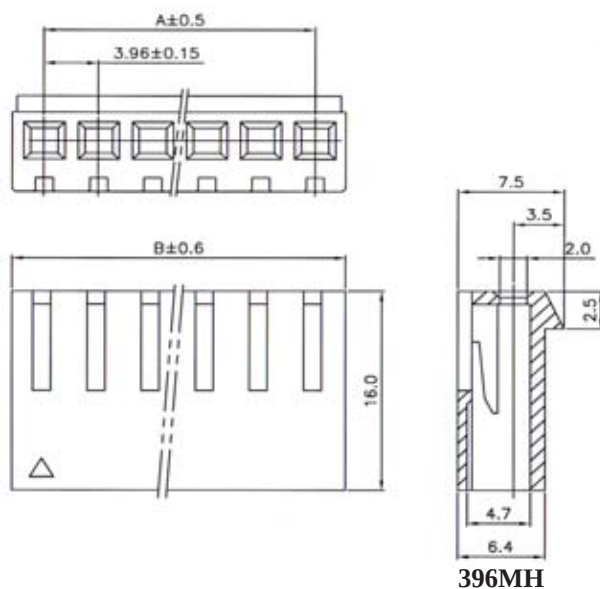
MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.



PART NO.	WIRE RANGE			
	A	B	C	D
396MT-06KT	3.50	3.50	2.50	2.30
396MU-05KT	4.50±0.20	3.95	2.25±0.20	2.20

396MH

No. of Contacts	Dimensions(mm)	
	A	B
02	3.96	8.92
03	7.92	12.88
04	11.88	16.84
05	15.84	20.80
06	19.80	24.76
07	23.76	28.72
08	27.72	32.68
09	31.68	36.64
10	35.64	40.60
11	39.60	44.56
12	43.56	48.52
13	47.52	52.48
14	51.48	56.44

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 396MT-06KT

FOR AWG# 18-24 WIRES

PU= 6.000PCS/REEL

HOUSING:

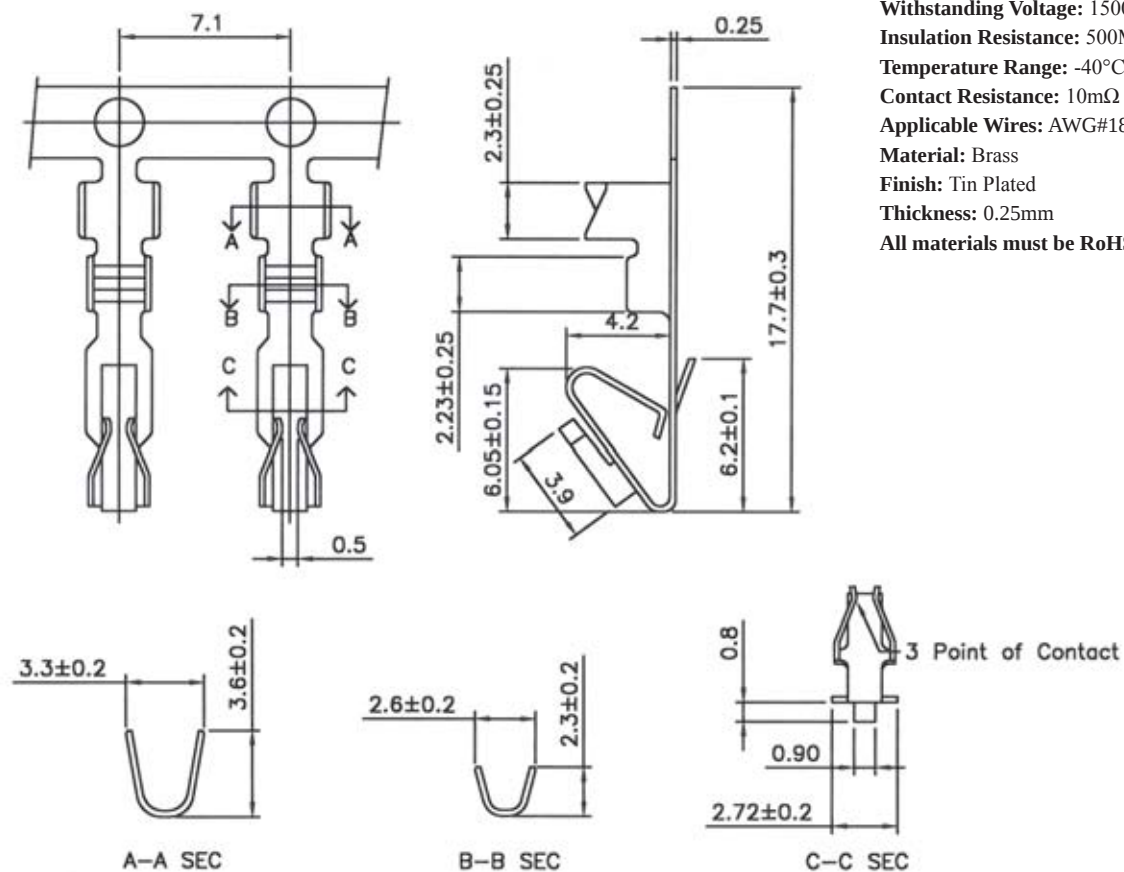
P/N 396MH - $\frac{xxx}{I}$ HV

1. NO. OF CONTACTS:

002 ~ 014

NOTE: ACCEPTS 396MT & 396MU TERMINALS

3.96MM(0.156") SPACING WIRE-TO-BOARD SYSTEM (A2)



TERMINAL

Voltage Rating: 250V AC/DC

Current Rating: 4A AC/DC

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 500MΩ Min.

Temperature Range: -40°C to +85°C

Contact Resistance: 10mΩ Max

Applicable Wires: AWG#18~24

Material: Brass

Finish: Tin Plated

Thickness: 0.25mm

All materials must be RoHS compliant.

ORDERING INFORMATION:

CRIMP TERMINAL:

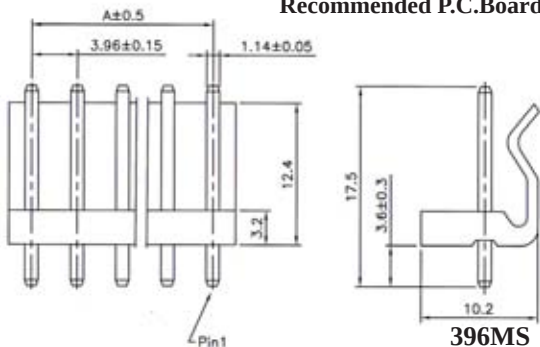
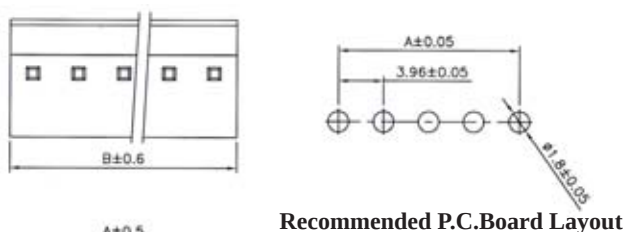
P/N 3 9 6 M V - 0 7 K T

FOR AWG# 18-24 WIRES

PU= 7,000PCS/REEL

NOTE: ACCEPTS 396MH HOUSING

3.96MM(0.156") SPACING WIRE-TO-BOARD SYSTEM (A3)



SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	3.96	7.92
03	7.92	11.88
04	11.88	15.84
05	15.84	19.80
06	19.80	23.76
07	23.76	27.72
08	27.72	31.68
09	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52
13	47.52	51.48
14	51.48	55.44

ORDERING INFORMATION:

P/N 3 9 6 x x - x x x T V
1 2 3

1. TERMINAL TYPE:

"MS" STRAIGHT TYPE

"MR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

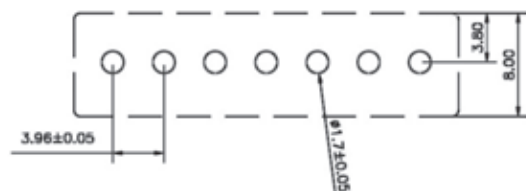
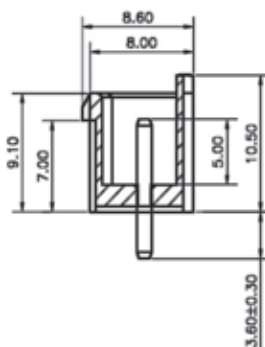
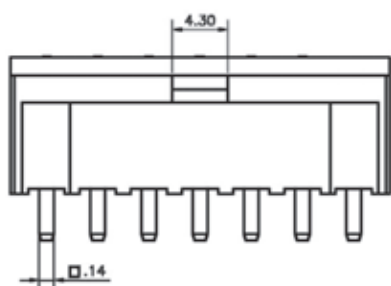
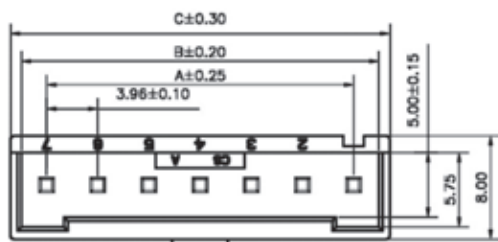
002 ~ 014

3. CONTACT FINISH:

"T" FULL TIN PLATED

NOTE: MATES WITH 396MH HOUSING

3.96MM(0.156") SPACING WIRE-TO-BOARD SYSTEM (A4)



Recommended P.C.Board Layout

SPECIFICATIONS

Voltage Rating: 300V AC/DC

Current Rating: 10A AC/DC

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +105°C

Contact Resistance: 20mΩ Max

MATERIAL

Contact: Brass, Tin Plated

Wafer: Nylon 66, UL94V-0, Light Ivory

All materials must be RoHS compliant.

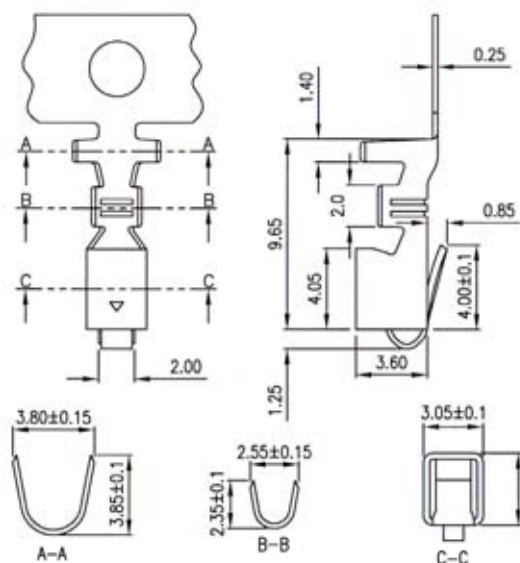
NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	3.96	7.86	9.56
03	7.92	11.82	13.52
04	11.88	15.78	17.48
05	15.84	19.74	21.44
06	19.80	23.70	25.40
07	23.76	27.66	29.36
08	27.72	31.62	33.32
09	31.68	35.58	37.28
10	35.64	39.54	41.24

ORDERING INFORMATION:

P/N 3 9 6 M P - x x x T V

1. TERMINAL TYPE:
"MP" STRAIGHT TYPE
2. NO. OF CONTACTS:
002 ~ 010
3. CONTACT FINISH:
"T" TIN PLATED

3.96MM(0.156") SPACING WIRE-TO-BOARD SYSTEM (B1)



396VT-04KT

SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

TERMINAL

Accepts AWG# 18-22 Wire Range

Insulation O.D.: 2.80mm(max)

Material: Brass

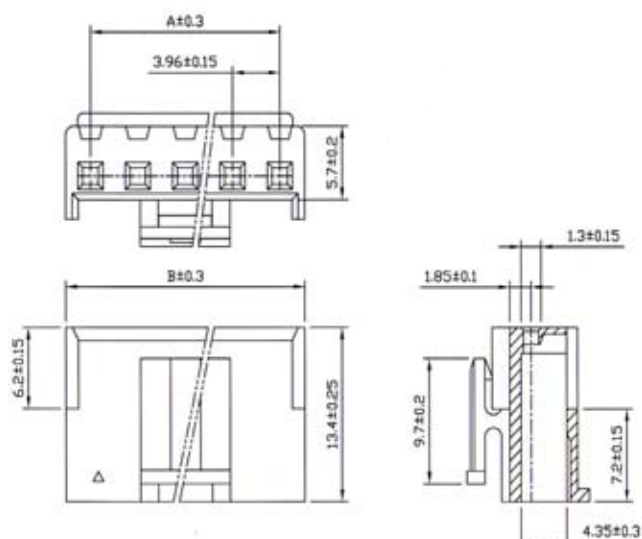
Finish: Tin Plated

Thickness: 0.25mm

HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.



396VH

No. of Contacts	Dimensions(mm)	
	A	B
02	3.96	7.90
03	7.92	11.90
04	11.88	15.90
05	15.84	19.90
06	19.80	23.90
07	23.76	27.90
08	27.72	31.90
09	31.68	35.90
10	35.64	39.90
11	39.60	43.90
12	43.56	47.90
13	47.52	51.90
14	51.48	55.90
15	55.44	59.90

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 396VT-04KT

PU= 4.000PCS/REEL

NOTE: ACCEPTS 396VH HOUSING

HOUSING:

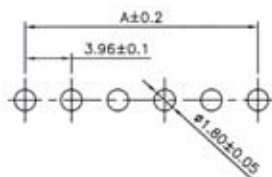
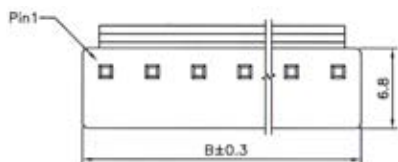
P/N 396VH - xxx H V
1

1. NO. OF CONTACTS:

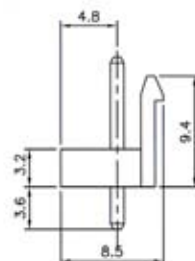
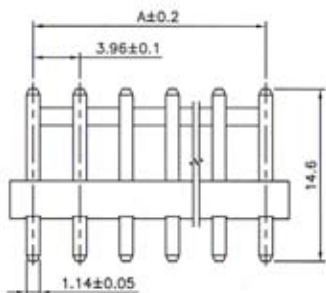
002 ~ 015

NOTE: ACCEPTS 396VT TERMINAL

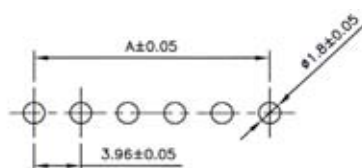
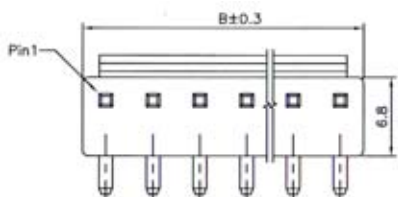
3.96MM(0.156") SPACING WIRE-TO-BOARD SYSTEM (B2)



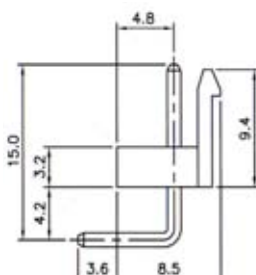
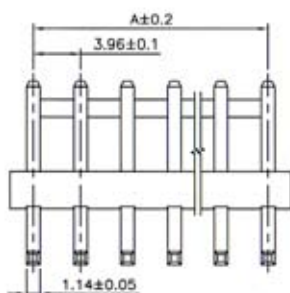
Recommended P.C.Board Layout



396VS



Recommended P.C.Board Layout



396VR

SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

MATERIALS

Insulation Material: UL 94V-0

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	3.96	7.86
03	7.92	11.82
04	11.88	15.78
05	15.84	19.74
06	19.80	23.70
07	23.76	27.66
08	27.72	31.62
09	31.68	35.58
10	35.64	39.54
11	39.60	43.50
12	43.56	47.46
13	47.52	51.42
14	51.48	55.38
15	55.44	59.34

ORDERING INFORMATION:

P/N 3 9 6 1 2 T V

1. TERMINAL TYPE:

"VS" STRAIGHT TYPE

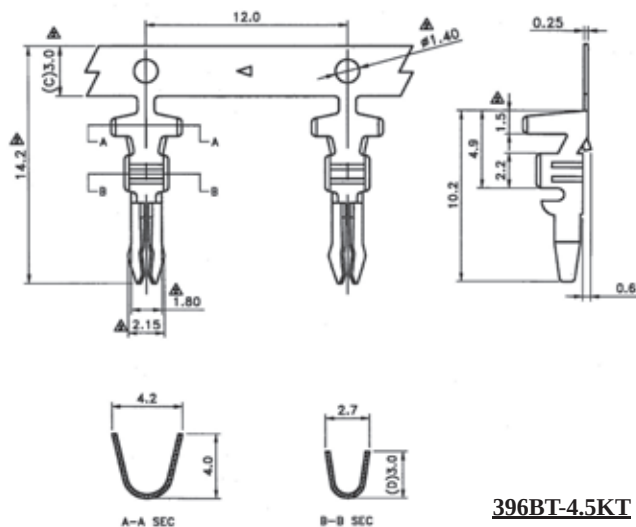
"VR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

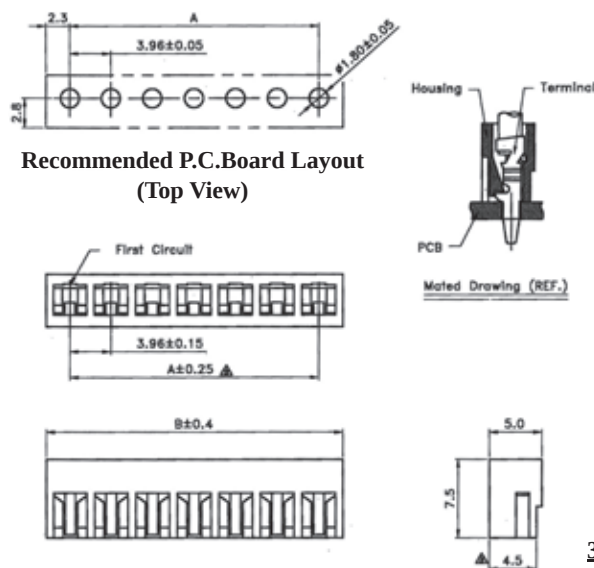
002 ~ 015

NOTE: MATES WITH 396VH HOUSING

3.96MM(0.156") SPACING BOARD-IN TYPE SYSTEM



396BT-4.5KT



TERMINAL

Voltage Rating: 250V AC/DC

Current Rating: 7A AC/DC

Withstanding Voltage: 800V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +80°C

Contact Resistance: 10mΩ Max

Applicable Wires: AWG#16~22

Material: Brass

Finish: Stamping Before Tin Plated

Thickness: 0.25mm

HOUSING

Voltage Rating: 300V AC/DC

Current Rating: 7A AC/DC

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +80°C

Contact Resistance: 10mΩ Max

Material: Nylon 66, UL94V-0

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
02	3.96	8.50
03	7.92	12.46
04	11.88	16.42
05	15.84	20.38
06	19.80	24.34
07	23.76	28.30
08	27.72	32.26
09	31.68	36.22
10	35.64	40.18
11	39.60	44.14
12	43.56	48.10
13	47.52	52.06
14	51.48	56.02
15	55.44	59.98

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 396BT-4.5KT

PU= 4,500PCS/REEL

NOTE: ACCEPTS 396BN HOUSING

HOUSING:

P/N 396BN - xxxT V
 1 2

1. NO. OF CONTACTS:

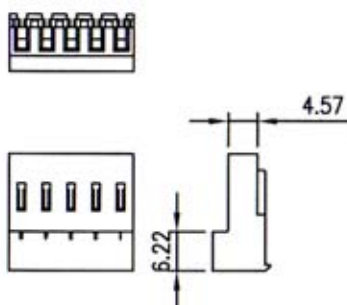
002 ~ 015

2. INSULATOR COLOR:

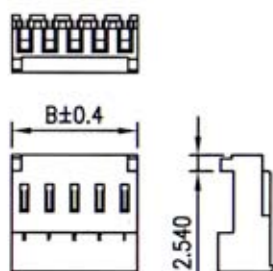
"V" IVORY

NOTE: ACCEPTS 396BT TERMINAL

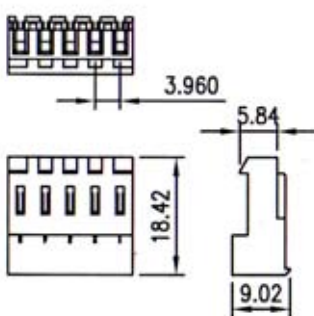
3.96MM(0.156") IDC CONNECTOR CLOSED END TYPE (1)



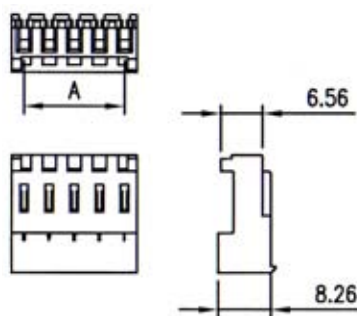
W/O LOCKING RAMP &
W/O POLARIZING TABS



W/O LOCKING RAMP &
WITH POLARIZING TABS



WITH LOCKING RAMP &
W/O POLARIZING TABS



WITH LOCKING RAMP &
WITH POLARIZING TABS

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 15mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon 66, UL 94V-2

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	3.96±0.10	7.92
03	7.92±0.15	11.88
04	11.88±0.15	15.84
05	15.84±0.15	19.80
06	19.80±0.15	23.76
07	23.76±0.15	27.72
08	27.72±0.20	31.68
09	31.68±0.20	35.64
10	35.64±0.25	39.60
11	39.60±0.25	43.56
12	43.56±0.25	47.52
13	47.52±0.30	51.48
14	51.48±0.30	55.44
15	55.44±0.30	59.40
16	59.40±0.30	63.36
17	63.36±0.30	67.32
18	67.32±0.35	67.32

ORDERING INFORMATION:

P/N 3 9 C x x - x x x T x - x x
1 2 3 4 5

1. APPLICABLE AWG NO.:

"C18" AWG# 18 (ORANGE)

"C20" AWG# 20 (YELLOW)

"C22" AWG# 22 (RED)

"C24" AWG# 24 (WHITE)

"C26" AWG# 26 (BLUE)

2. NO. OF CONTACTS:

002 ~ 018

3. CONTACT FINISH:

"T" FULL TIN PLATED

4. INSULATOR COLOR:

"O" ORANGE (#18)

"Y" YELLOW (#20)

"R" RED (#22)

"W" WHITE (#24)

"U" BLUE (#26)

5. LOCKING & POLARIZING OPTION:

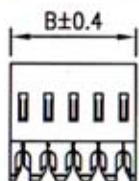
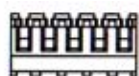
"00" W/O LOCKING RAMP &
W/O POLARIZING TABS

"0P" W/O LOCKING RAMP &
WITH POLARIZING TABS

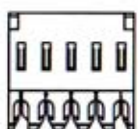
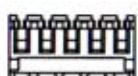
"L0" WITH LOCKING RAMP &
W/O POLARIZING TABS

"LP" WITH LOCKING RAMP &
WITH POLARIZING TABS

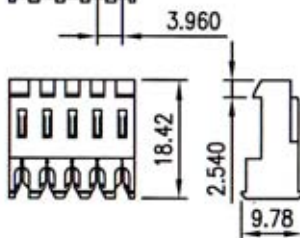
3.96MM(0.156") IDC CONNECTOR FEED-THRU TYPE (2)



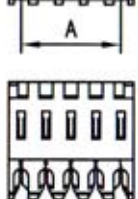
W/O LOCKING RAMP &
W/O POLARIZING TABS



W/O LOCKING RAMP &
WITH POLARIZING TABS



WITH LOCKING RAMP &
W/O POLARIZING TABS



WITH LOCKING RAMP &
WITH POLARIZING TABS

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 15mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon 66, UL 94V-2

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	3.96±0.10	7.92
03	7.92±0.15	11.88
04	11.88±0.15	15.84
05	15.84±0.15	19.80
06	19.80±0.15	23.76
07	23.76±0.15	27.72
08	27.72±0.20	31.68
09	31.68±0.20	35.64
10	35.64±0.25	39.60
11	39.60±0.25	43.56
12	43.56±0.25	47.52
13	47.52±0.30	51.48
14	51.48±0.30	55.44
15	55.44±0.30	59.40
16	59.40±0.30	63.36
17	63.36±0.30	67.32
18	67.32±0.35	67.32

ORDERING INFORMATION:

P/N 3 9 F x x - x x x T x - x x
1 2 3 4 5

1. APPLICABLE AWG NO.:

"F18" AWG# 18 (ORANGE)
"F20" AWG# 20 (YELLOW)
"F22" AWG# 22 (RED)
"F24" AWG# 24 (WHITE)
"F26" AWG# 26 (BLUE)

2. NO. OF CONTACTS:

002 ~ 018

3. CONTACT FINISH:

"T" FULL TIN PLATED

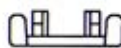
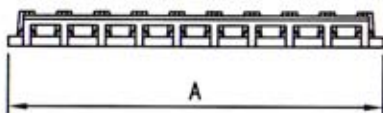
4. INSULATOR COLOR:

"O" ORANGE (#18)
"Y" YELLOW (#20)
"R" RED (#22)
"W" WHITE (#24)
"U" BLUE (#26)

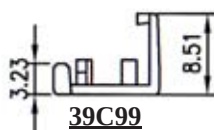
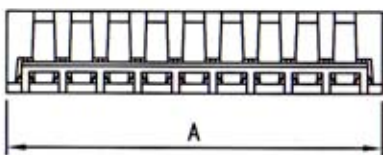
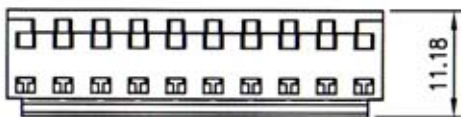
5. LOCKING & POLARIZING OPTION:

"00" W/O LOCKING RAMP &
W/O POLARIZING TABS
"0P" W/O LOCKING RAMP &
WITH POLARIZING TABS
"L0" WITH LOCKING RAMP &
W/O POLARIZING TABS
"LP" WITH LOCKING RAMP &
WITH POLARIZING TABS

3.96MM(0.156") IDC STRAIN RELIEF COVER (3)



39F99



39C99

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 15mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon 66, UL 94V-2

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

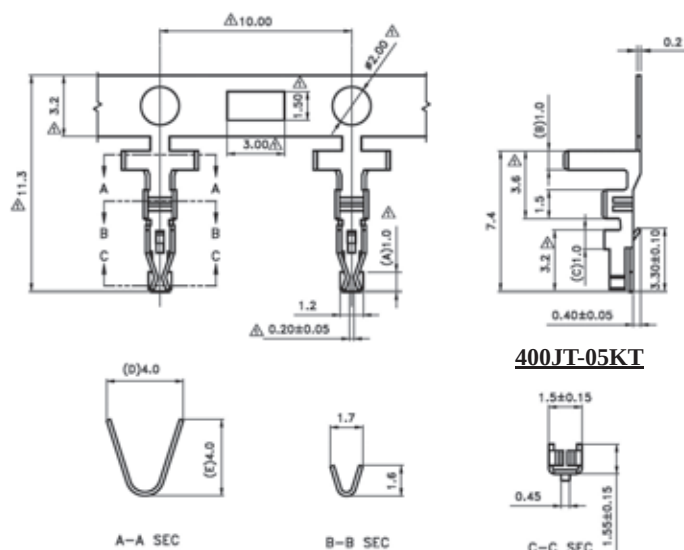
No. of Contacts	Dimensions(mm)
	A
02	7.92±0.10
03	11.88±0.15
04	15.84±0.15
05	19.80±0.15
06	23.76±0.20
07	27.72±0.20
08	31.68±0.20
09	35.64±0.20
10	39.60±0.25
11	43.56±0.25
12	47.52±0.25
13	51.48±0.30
14	55.44±0.30
15	59.40±0.30
16	63.36±0.30
17	67.32±0.30
18	71.28±0.35

ORDERING INFORMATION:

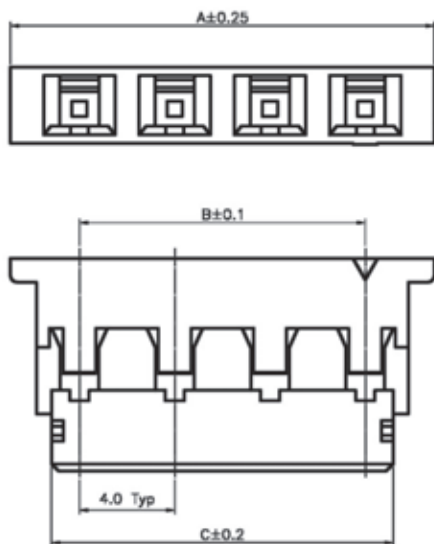
P/N 3 9 x 9 9 - x x x C x
 1 2 3 4

1. STRAIN RELIEF COVER TYPE:
 "C99" CLOSED END TYPE
 "F99" FEED-THRU TYPE
2. NO. OF CONTACTS:
 002 ~ 018
3. CONNECTOR TYPE:
 "C" STRAIN RELIEF COVER
4. INSULATOR COLOR:
 "V" IVORY

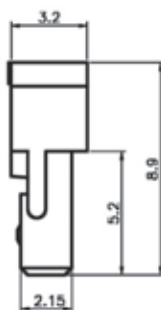
4.00MM(0.157") SPACING WIRE-TO-BOARD SYSTEM (1)



400JT-05KT



400JH-xxxHW



TERMINAL

Current Rating: 1A AC/DC

Withstanding Voltage: 1800V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

Applicable Wires: AWG#22~28

Material: Phos. Bronze, Tin Plated

Thickness: 0.20mm

HOUSING

Voltage Rating: 600V AC/DC

Current Rating: 1A AC/DC

Withstanding Voltage: 1800V AC/Minute

Insulation Resistance: 500MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

Material: Nylon 66 UL94V-0

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	9.80	4.00	6.35
03	13.80	8.00	10.35
04	17.80	12.00	14.35
05	21.80	16.00	18.35

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 400JT-05KT

PU= 5,000PCS/REEL

NOTE: ACCEPTS 400JH HOUSING

HOUSING:

P/N 400 JH - x x x H V
 ↑
 1

1. NO. OF CONTACTS:

002, 003, 004, 005

NOTE: ACCEPTS 250AT TERMINAL

4.00MM(0.157") SPACING WIRE-TO-BOARD SYSTEM (2)

SPECIFICATIONS

Voltage Rating: 600V AC/DC

Current Rating: 1A AC/DC

Withstanding Voltage: 1800V AC/Minute

Insulation Resistance: 500MΩ Min.

Temperature Range: -25°C to +85°C

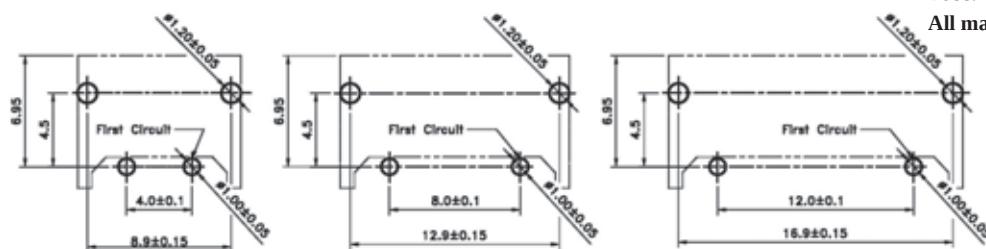
Contact Resistance: 20mΩ Max

MATERIAL

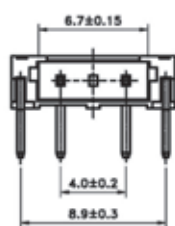
Contact: Brass, Tin or Mat-Tin Plated

Base: Nylon 9T UL94V-0

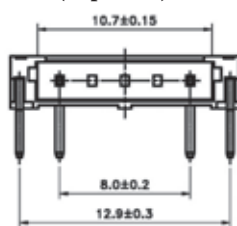
All materials must be RoHS compliant.



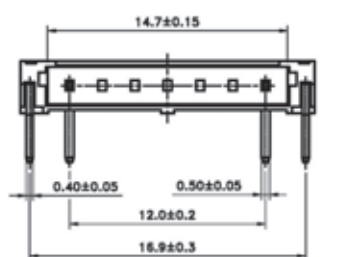
Recommended P.C.Board Layout
(Top View)



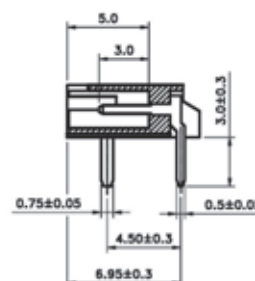
400JA-002TW



400JB-002TW



400JC-002TW



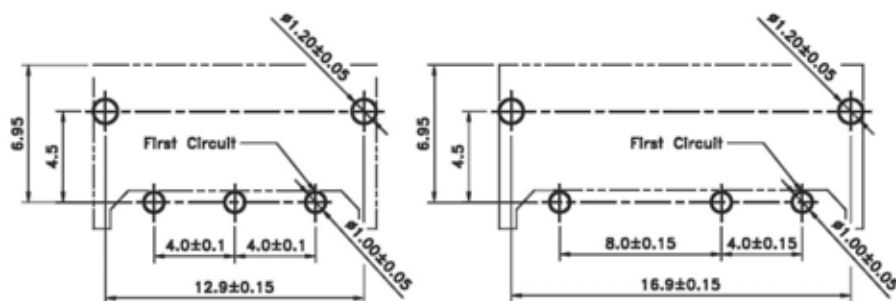
ORDERING INFORMATION:

P/N 400 $\frac{XX}{1}$ - $\frac{002}{2}$ $\frac{TW}{3}$ $\frac{4}{4}$

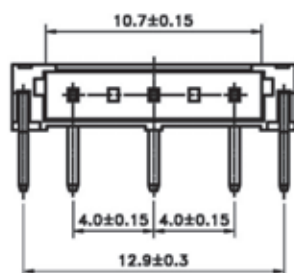
1. TERMINAL TYPE:
JA, JB, JC (SEE DRAWING!)
2. NO. OF CONTACTS:
002
3. CONTACT FINISH:
"T" TIN PLATED
"MT" MATTE TIN PLATED
4. INSULATOR COLOR:
"W" WHITE

NOTE: MATES WITH 400JH HOUSING

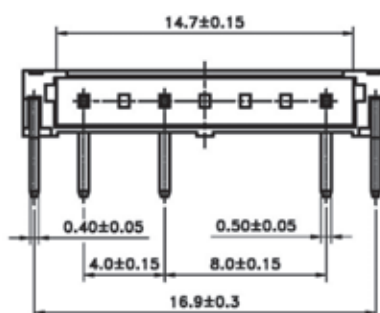
4.00MM(0.157") SPACING WIRE-TO-BOARD SYSTEM (3)



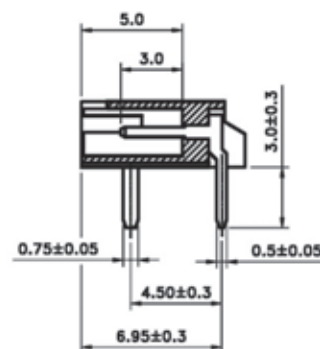
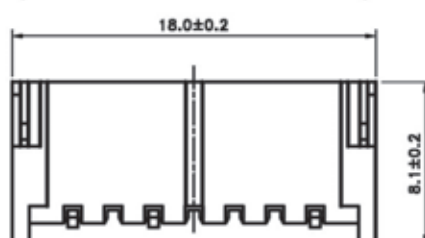
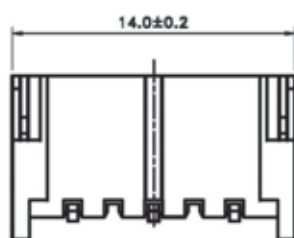
Recommended P.C.Board Layout
(Top View)



400JA-003TW



400JD-003TW



SPECIFICATIONS

Voltage Rating: 600V AC/DC

Current Rating: 1A AC/DC

Withstanding Voltage: 1800V AC/Minute

Insulation Resistance: 500MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

MATERIAL

Contact: Brass, Tin or Mat-Tin Plated

Base: Nylon 9T UL94V-0

All materials must be RoHS compliant.

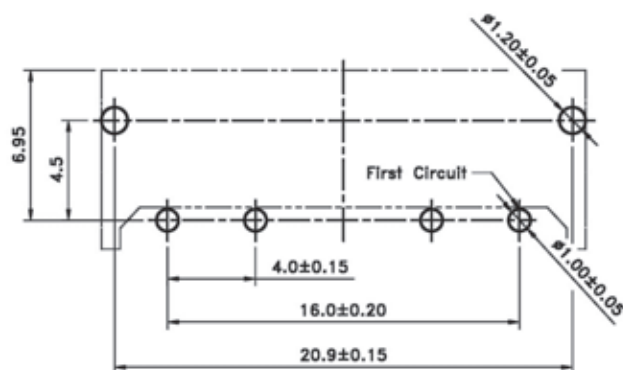
ORDERING INFORMATION:

P/N 400 $\frac{xx}{1}$ - 003 $\frac{TW}{34}$

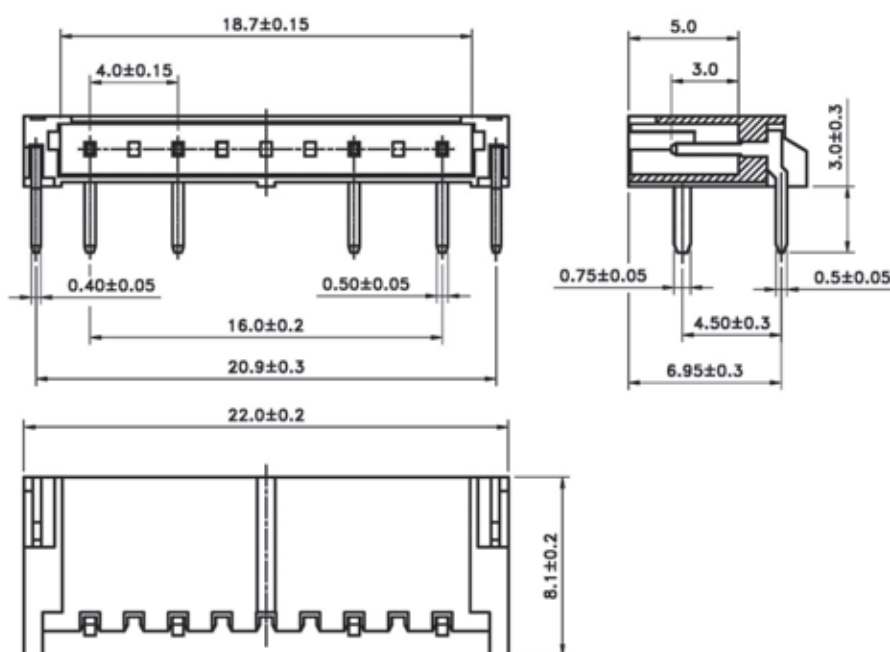
1. TERMINAL TYPE:
JA, JD (SEE DRAWING!)
2. NO. OF CONTACTS:
003
3. CONTACT FINISH:
"T" TIN PLATED
"MT" MATTE TIN PLATED
4. INSULATOR COLOR:
"W" WHITE

NOTE: MATES WITH 400JH HOUSING

4.00MM(0.157") SPACING WIRE-TO-BOARD SYSTEM (4)



Recommended P.C. Board Layout
(Top View)



SPECIFICATIONS

Voltage Rating: 600V AC/DC

Current Rating: 1A AC/DC

Withstanding Voltage: 1800V AC/Minute

Insulation Resistance: 500MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

MATERIAL

Contact: Brass, Tin or Mat-Tin Plated

Base: Nylon 9T UL94V-0

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 400 $\frac{XX}{1}$ - 004 $\frac{TW}{34}$

1. TERMINAL TYPE:
JE (SEE DRAWING!)
2. NO. OF CONTACTS:
004
3. CONTACT FINISH:
"T" TIN PLATED
"MT" MATTE TIN PLATED
4. INSULATOR COLOR:
"W" WHITE

NOTE: MATES WITH 400JH HOUSING

4.00MM(0.157") SPACING WIRE-TO-BOARD SYSTEM (5)

SPECIFICATIONS

Current Rating: 1A AC/DC

Withstanding Voltage: 1800V AC/Minute

Insulation Resistance: 500MΩ Min.

Temperature Range: -25°C to +85°C

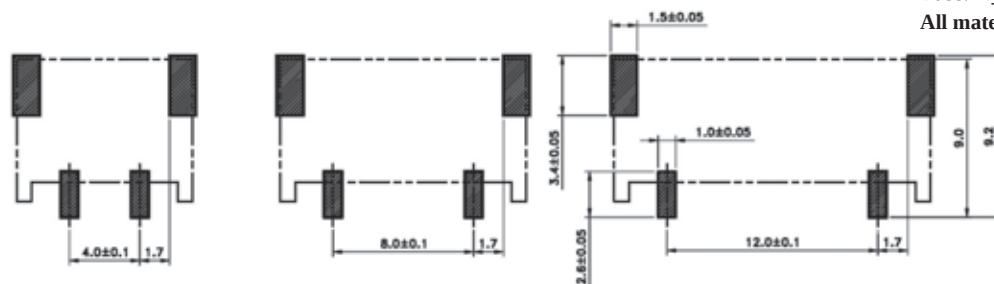
Contact Resistance: 20mΩ Max

MATERIAL

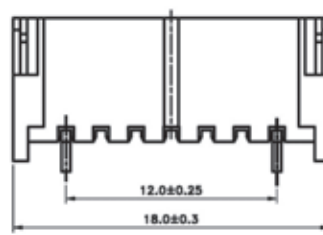
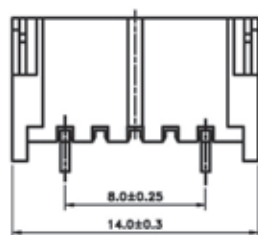
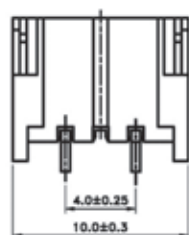
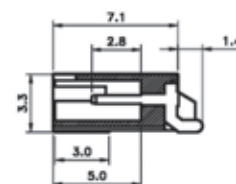
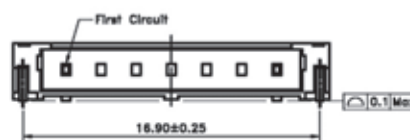
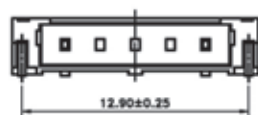
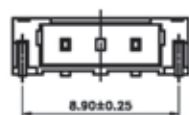
Contact: Brass, Tin or Mat-Tin Plated

Base: Nylon 9T UL94V-0

All materials must be RoHS compliant.



Recommended P.C. Board Layout
(Top View)



400JS-002TW

400JP-002TW

400JQ-002TW

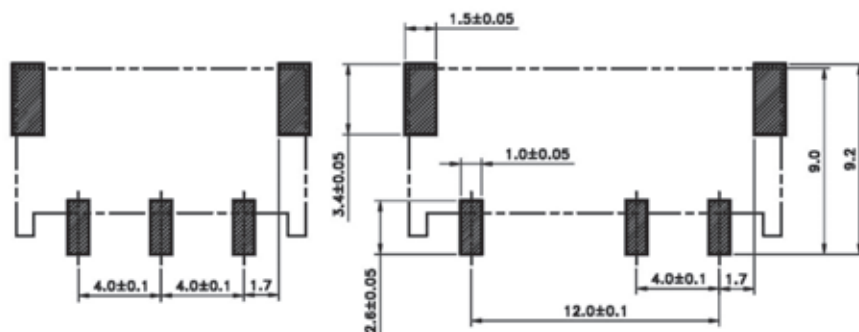
ORDERING INFORMATION:

P/N 400 $\frac{XX}{1}$ - $\frac{002}{2}$ $\frac{TW}{34}$

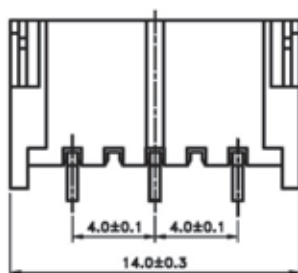
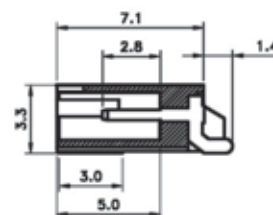
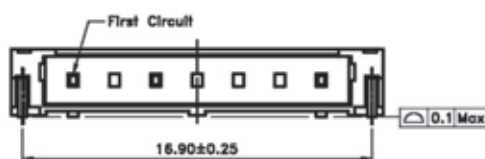
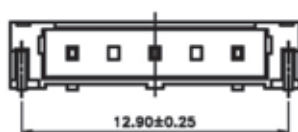
1. TERMINAL TYPE:
JS, JP, JQ (SEE DRAWING!)
2. NO. OF CONTACTS:
002
3. CONTACT FINISH:
"T" TIN PLATED
"MT" MATTE TIN PLATED
4. INSULATOR COLOR:
"W" WHITE

NOTE: MATES WITH 400JH HOUSING

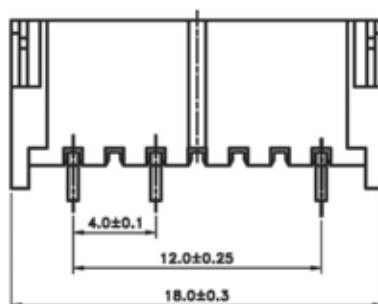
4.00MM(0.157") SPACING WIRE-TO-BOARD SYSTEM (6)



Recommended P.C.Board Layout
(Top View)



400JS-003TW



400JR-003TW

ORDERING INFORMATION:

P/N 400 $\frac{XX}{1}$ - $\frac{003}{2}$ $\frac{TW}{34}$

1. TERMINAL TYPE:
JS, JR (SEE DRAWING!)
2. NO. OF CONTACTS:
003
3. CONTACT FINISH:
"T" TIN PLATED
"MT" MATTE TIN PLATED
4. INSULATOR COLOR:
"W" WHITE

NOTE: MATES WITH 400JH HOUSING

SPECIFICATIONS

Current Rating: 1A AC/DC

Withstanding Voltage: 1800V AC/Minute

Insulation Resistance: 500MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 20mΩ Max

MATERIAL

Contact: Brass, Tin or Mat-Tin Plated

Base: Nylon 9T UL94V-0

All materials must be RoHS compliant.

4.00MM(0.157") SPACING WIRE-TO-BOARD SYSTEM (7)

SPECIFICATIONS

Current Rating: 1A AC/DC

Withstanding Voltage: 1800V AC/Minute

Insulation Resistance: 500M Ω Min.

Temperature Range: -25°C to +85°C

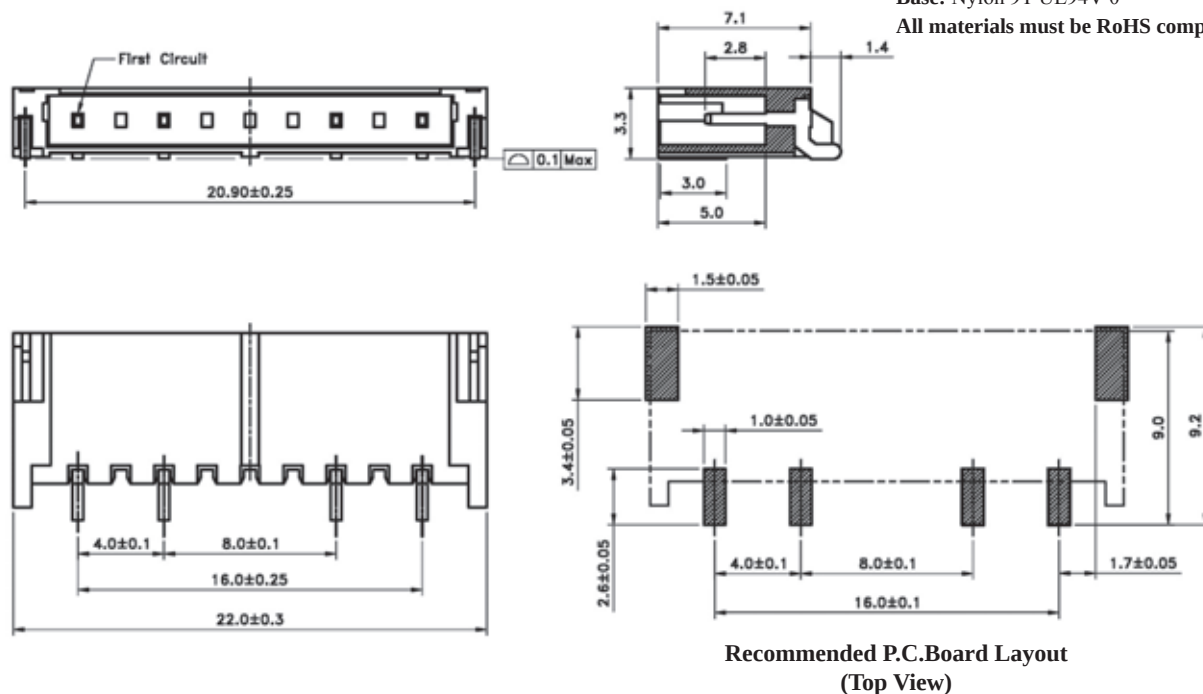
Contact Resistance: 20m Ω Max

MATERIAL

Contact: Brass, Tin or Mat-Tin Plated

Base: Nylon 9T UL94V-0

All materials must be RoHS compliant.



Recommended P.C.Board Layout
(Top View)

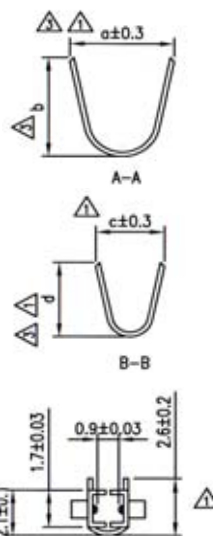
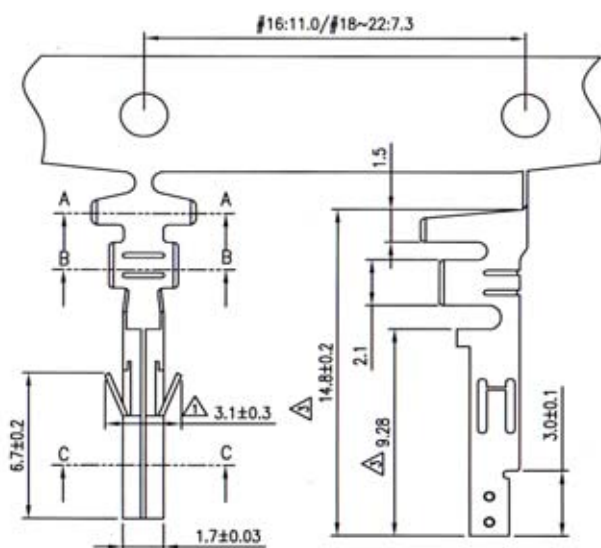
ORDERING INFORMATION:

P/N 400 $\frac{XX}{1}$ - 004 $\frac{TW}{34}$

1. TERMINAL TYPE:
JV (SEE DRAWING!)
2. NO. OF CONTACTS:
004
3. CONTACT FINISH:
"T" TIN PLATED
"MT" MATTE TIN PLATED
4. INSULATOR COLOR:
"W" WHITE

NOTE: MATES WITH 400JH HOUSING

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



TERMINAL

Material: Brass & Phosphor Bronze

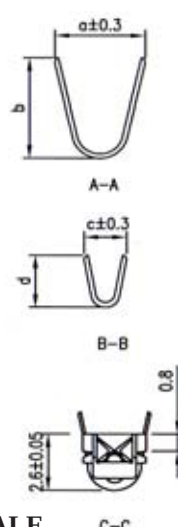
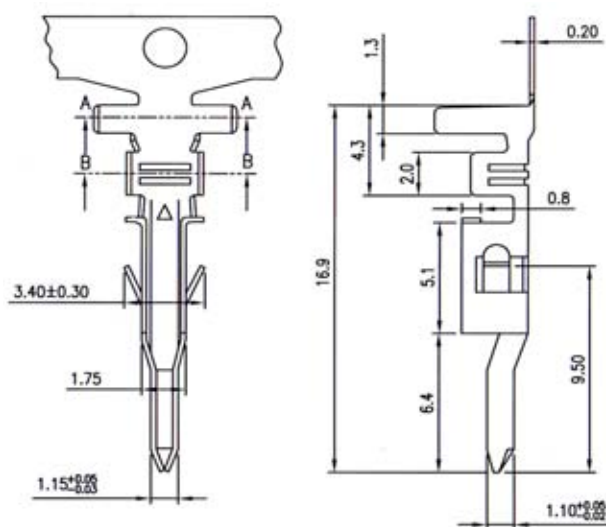
Finish: Tin Plated

Thickness: 0.2mm

Insulation: O.D.=3.1mm for AWG# 16

O.D.=1.6~2.1mm for AWG# 18-22

FEMALE C-C



MALE C-C

CRIMP TERMINAL	WIRE RANGE			
	A	B	C	D
420TH-05KT	4.4	4.5	2.6	2.9
420TJ-10KT	3.7	2.9	2.5	2.4
420TR-05KT	4.3	4.6	2.7	2.9
420TS-05KT	3.8	4.6	1.8	2.4

ORDERING INFORMATION:

P/N 420TH-05KTC

FEMALE CRIMP TERMINAL
FOR AWG# 16 WIRES
PU= 5.000PCS/REEL

P/N 420TJ-10KTC

FEMALE CRIMP TERMINAL
FOR AWG# 18-22 WIRES
PU= 10.000PCS/REEL

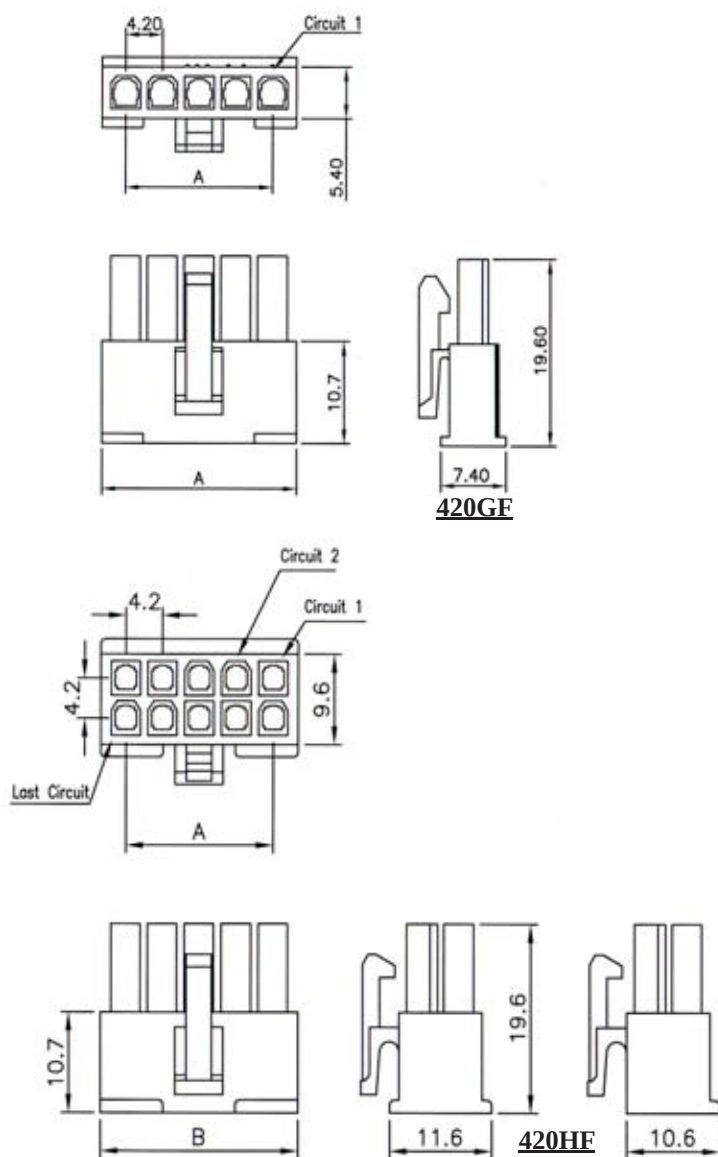
P/N 420TR-05KTC

MALE CRIMP TERMINAL
FOR AWG# 16 WIRES
PU= 5.000PCS/REEL

P/N 420TS-05KTC

MALE CRIMP TERMINAL
FOR AWG# 18-22 WIRES
PU= 5.000PCS/REEL

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



SPECIFICATIONS

Current Rating: 7.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

420GF

No. of Contacts	Dimensions(mm)	
	A	B
02	4.20	9.60
03	8.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

420HF

No. of Contacts	Dimensions(mm)	
	A	B
02		5.60
04	4.20	9.80
06	8.40	14.00
08	12.60	18.20
10	16.80	22.40
12	21.00	26.60
14	25.20	30.80
16	29.40	35.00
18	33.60	39.20
20	37.80	43.40
22	42.00	47.60
24	46.20	51.80

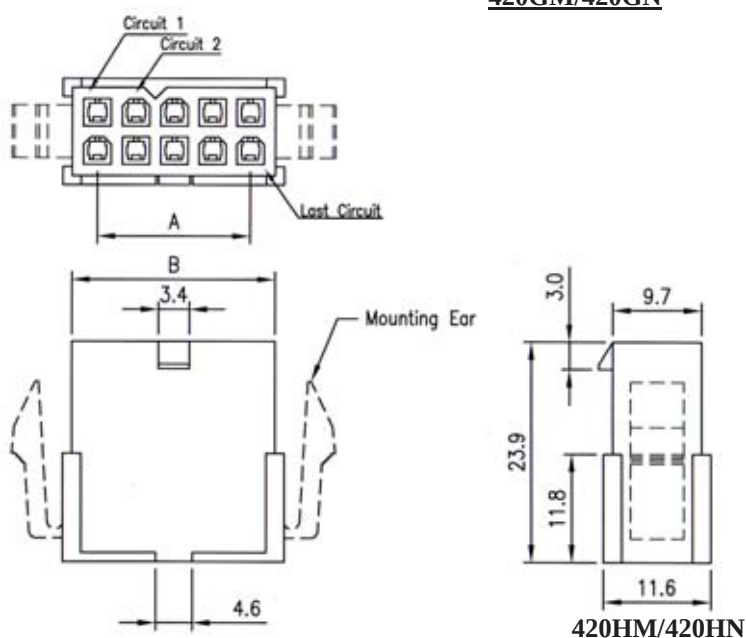
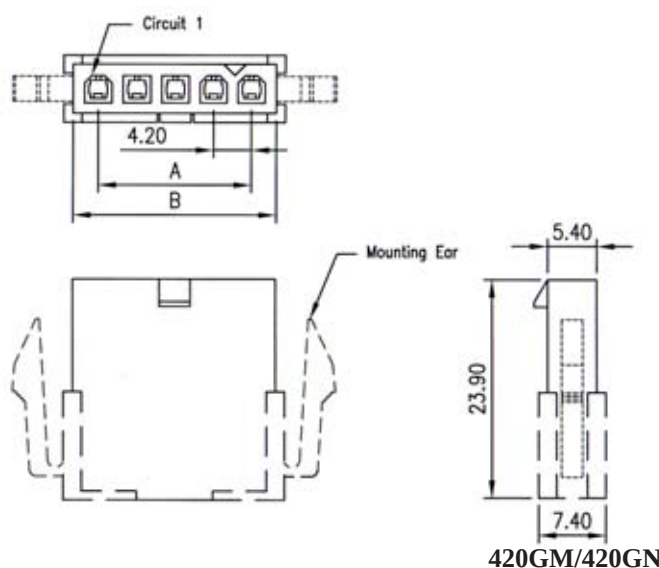
ORDERING INFORMATION:

P/N 4 2 0 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{H}{3}$ W / $\frac{xx}{4}$

- NO. OF ROWS:
"GF" SINGLE ROW
"HF" DOUBLE ROW
- NO. OF CONTACTS:
002 ~ 006 FOR SINGLE ROW
002 ~ 024 FOR DOUBLE ROW
- CONNECTOR TYPE:
"H" HOUSING
- FLAMMABILITY OF INSULATOR:
" " UL94V-2
"V0" UL94V-0

NOTE: ACCEPTS 420TH & 420TJ TERMINALS

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



SPECIFICATIONS

Current Rating: 7.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

420GM/420GN

No. of Contacts	Dimensions(mm)	
	A	B
02	4.20	9.60
03	8.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

420HM/420HN

No. of Contacts	Dimensions(mm)	
	A	B
02		5.40
04	4.20	9.60
06	8.40	13.80
08	12.60	18.00
10	16.80	22.20
12	21.00	26.40
14	25.20	30.60
16	29.40	34.80
18	33.60	39.10
20	37.80	43.20
22	42.00	47.40
24	46.20	51.60

ORDERING INFORMATION:

P/N 4 2 0 $\frac{xx}{1}$ - $\frac{xxx}{2}$ H W / $\frac{xx}{3}$

1. NO. OF ROWS & MOUNTING EARS OPTION:

"GM" SINGLE ROW WITH EARS

"GN" SINGLE ROW W/O EARS

"HM" DOUBLE ROW WITH EARS

"HN" DOUBLE ROW W/O EARS

2. NO. OF CONTACTS:

002 ~ 006 FOR SINGLE ROW

002 ~ 024 FOR DOUBLE ROW

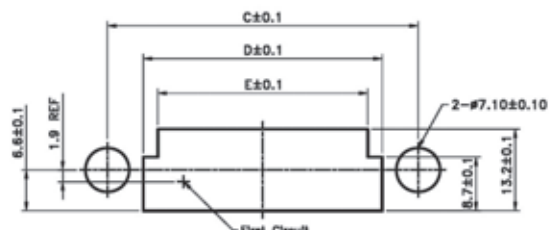
3. FLAMMABILITY OF INSULATOR:

" " UL94V-2

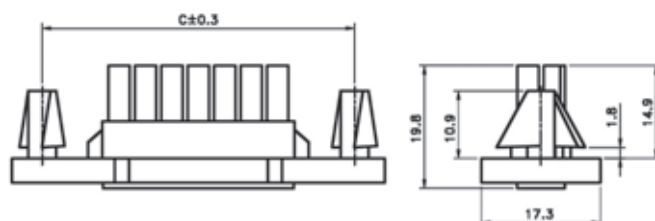
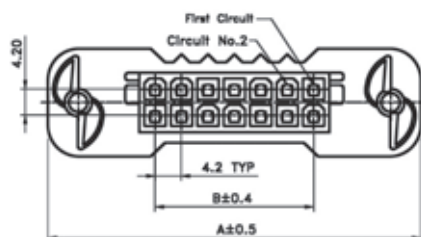
"V0" UL94V-0

NOTE: ACCEPTS 420TR & 420TS TERMINALS

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



Recommended Panel Cut-Out



NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
02	36.00	-	25.00	13.40	8.70
04	40.20	4.20	29.20	17.60	12.90
06	44.40	8.40	33.40	21.80	17.10
08	48.60	12.60	37.60	26.00	21.30
10	52.80	16.80	41.80	30.20	25.50
12	57.00	21.00	46.00	34.40	29.70
14	61.20	25.20	50.20	38.60	33.90
16	65.40	29.40	54.40	42.80	38.10
18	69.60	33.60	58.60	47.00	42.30
20	73.80	37.80	62.80	51.20	46.50
22	78.00	42.00	67.00	55.40	50.70
24	82.20	46.20	71.20	59.60	54.90

SPECIFICATIONS

Voltage Rating: 600V AC

Current Rating: 9A Max

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

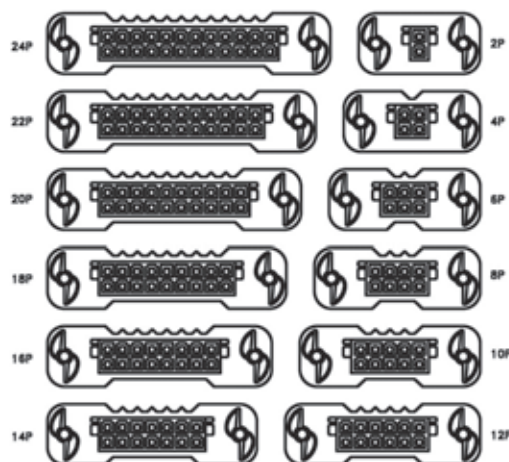
Temperature Range: -40°C to +105°C

Contact Resistance: 20mΩ Max

MATERIAL

Housing: Nylon 66 UL94V-0, White

All materials must be RoHS compliant.

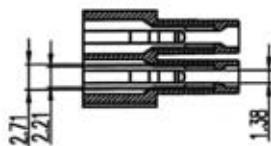
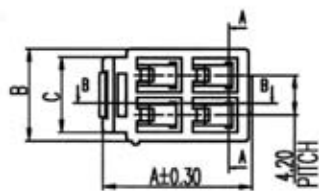


ORDERING INFORMATION:

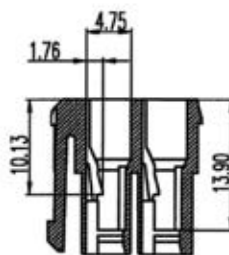
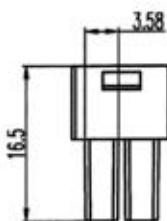
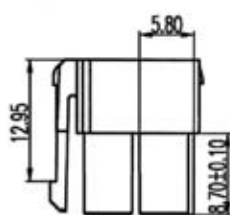
P/N 4 2 0 H G - x x x H W

- CONNECTOR TYPE:
"HG" DOUBLE ROW FEMALE POWER HOUSING
- NO. OF CONTACTS:
002 ~ 024

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



SECTION A-A



SECTION B-B

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
04	15.90	9.80	8.00
06	15.90	14.00	9.80
08	15.90	18.20	9.80

SPECIFICATIONS

Voltage Rating: 125V AC/DC

Current Rating: 10A AC/DC

Withstanding Voltage: 2200V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +105°C

Contact Resistance: 20mΩ Max

MATERIAL

Housing: PA66 UL94V-0

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 4 2 0 HR - xxx H W
 1 2

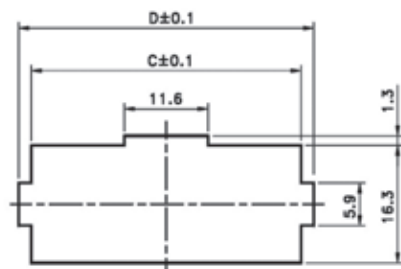
1. CONNECTOR TYPE:

"HR" DOUBLE ROW POWER HOUSING

2. NO. OF CONTACTS:

004 ~ 008

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



Recommended Panel Cut-Out

NO. OF CONTACTS	DIMENSIONS(MM)			
	A	B	C	D
02	11.60	-	12.10	15.60
04	15.80	4.20	16.30	19.80
06	20.00	8.40	20.50	24.00
08	24.20	12.60	24.70	28.20
10	28.40	16.80	28.90	32.40
12	32.60	21.00	33.10	36.60
14	36.80	25.20	37.30	40.80
16	41.00	29.40	41.50	45.00
18	45.20	33.60	45.70	49.20
20	49.40	37.80	49.90	53.40
22	53.60	42.00	54.10	57.60
24	57.80	46.20	58.30	61.80

SPECIFICATIONS

Voltage Rating: 600V AC

Current Rating: 9A Max

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

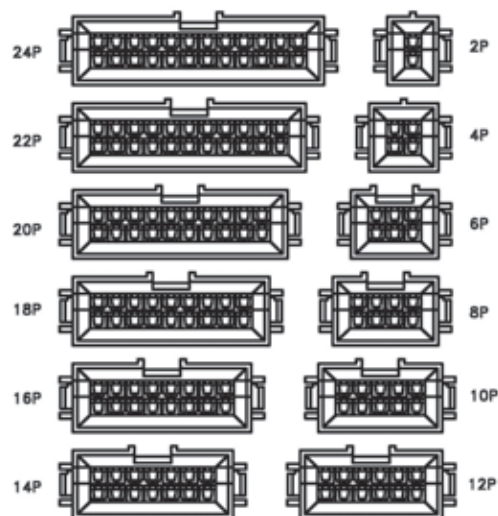
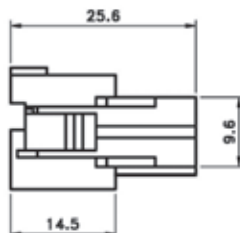
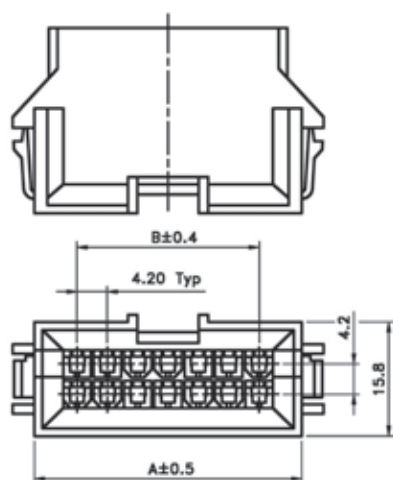
Temperature Range: -40°C to +105°C

Contact Resistance: 20mΩ Max

MATERIAL

Housing: Nylon 66 UL94V-0, White

All materials must be RoHS compliant.

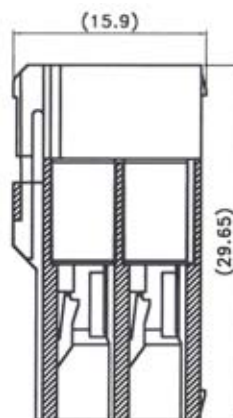
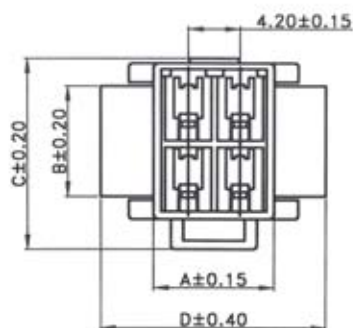


ORDERING INFORMATION:

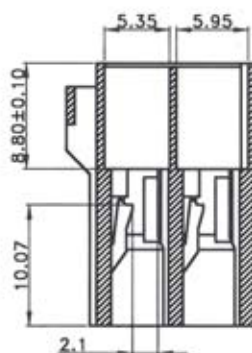
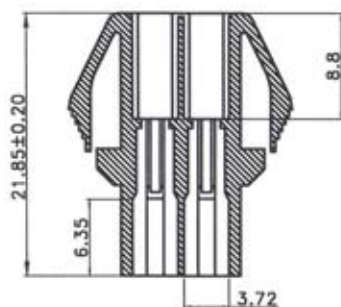
P/N 4 2 0 HP - x x x H W
 1 2

- CONNECTOR TYPE:
"HP" DOUBLE ROW MALE POWER HOUSING
- NO. OF CONTACTS:
002 ~ 024

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



Assembly Layout (REF.)



SPECIFICATIONS

Current Rating: 10A AC/DC

Withstanding Voltage: 2200V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +105°C

Contact Resistance: 20mΩ Max

MATERIAL

Housing: PA66 UL94V-0

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)			
	A	B	C	D
02	9.80	3.90	10.00	17.90
04	9.80	9.20	15.90	17.90
06	14.00	9.20	15.90	22.10
08	18.20	9.20	15.90	26.30

ORDERING INFORMATION:

P/N 4 2 0 HQ - xxx H W
 1 2

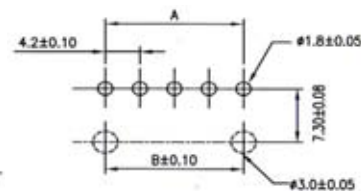
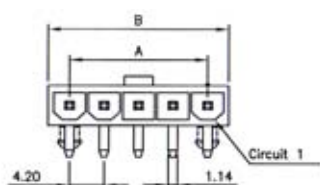
1. CONNECTOR TYPE:

"HQ" DOUBLE ROW POWER HOUSING

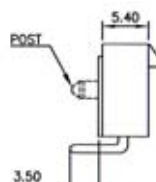
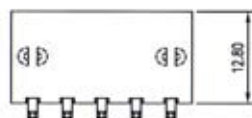
2. NO. OF CONTACTS:

002 ~ 008

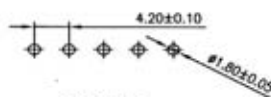
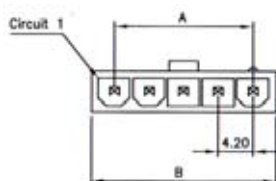
4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



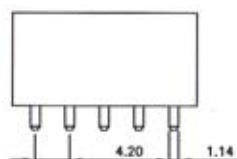
Recommended P.C.Board Layout



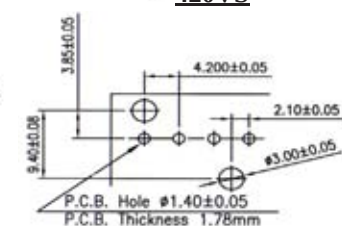
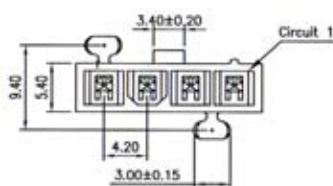
420VL/420VR



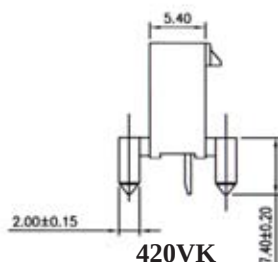
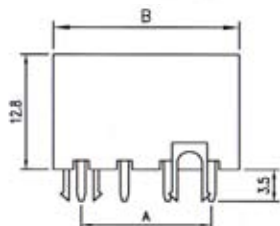
Recommended P.C.Board Layout



420VS



Recommended P.C.Board Layout



420VK

SPECIFICATIONS

Current Rating: 7.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

420VL/420VR/420VS/420VK

No. of Contacts	Dimensions(mm)	
	A	B
02	4.20	9.60
03	8.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

ORDERING INFORMATION:

P/N 4 2 0 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ T W / $\frac{x}{4}$

1. CONNECTOR TYPE:

"VL" RIGHT ANGLE TYPE W/O POST

"VR" RIGHT ANGLE TYPE WITH POST

"VS" STRAIGHT TYPE W/O POST

"VK" STRAIGHT TYPE WITH POSTS

2. NO. OF CONTACTS:

002 ~ 006

3. CONTACT FINISH:

"T" FULL TIN PLATED

4. FLAMMABILITY OF INSULATOR:

" " UL94V-2

"V0" UL94V-0

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM

SPECIFICATIONS

Current Rating: 7A AC/DC

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -40°C to +105°C

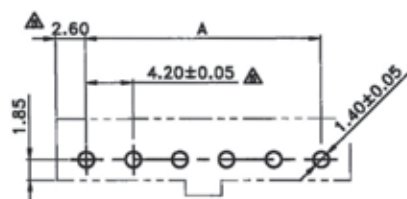
Contact Resistance: 20mΩ Max

MATERIAL

Contact: Brass, Tin Plated

Base: Nylon 66 UL94V-2

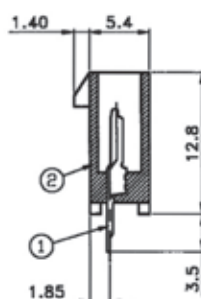
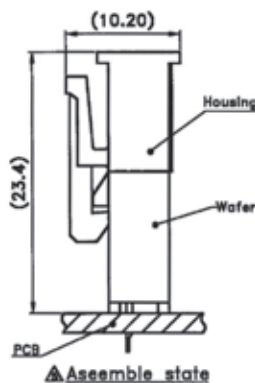
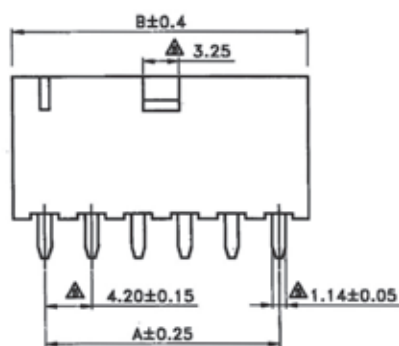
All materials must be RoHS compliant.



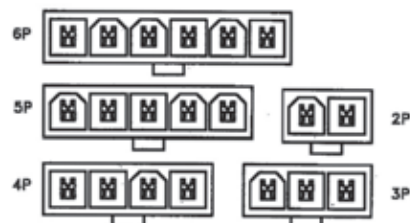
Recommended P.C.Board Layout
(Top View)



Rib indicates First Circuit



NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
02	4.20	9.60
03	8.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

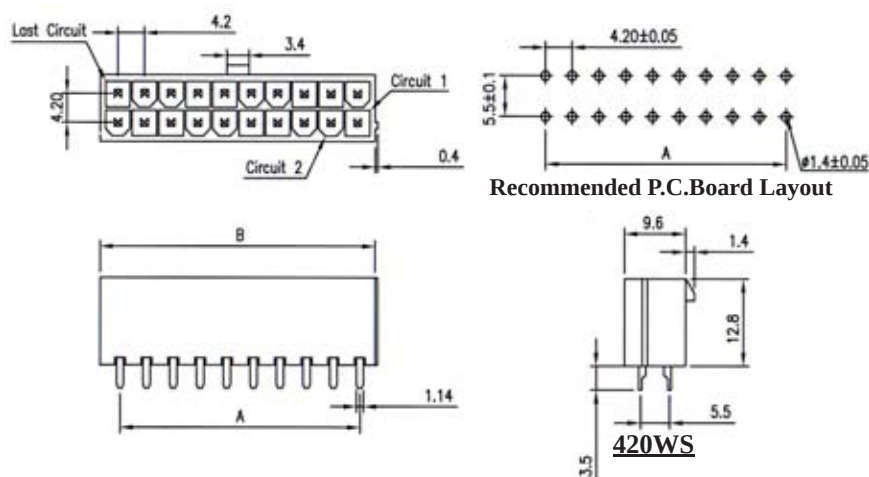


ORDERING INFORMATION:

P/N 4 2 0 VM - xxx T W / xx
1 2 3 4

- CONNECTOR TYPE:
"VM" SINGLE ROW STRAIGHT PCB MOUNT TYPE
- NO. OF CONTACTS:
002 ~ 006
- CONTACT FINISH:
"T" TIN PLATED
- FLAMMABILITY OF INSULATOR:
" " UL94V-2
"V0" UL94V-0

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



SPECIFICATIONS

Current Rating: 7.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

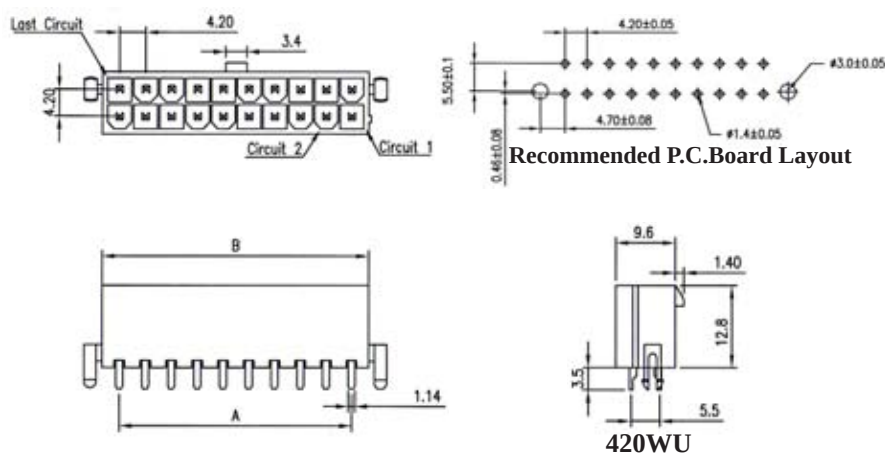
Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

420WS/420WU



No. of Contacts	Dimensions(mm)	
	A	B
02		5.40
04	4.20	9.60
06	8.40	13.80
08	12.60	18.00
10	16.80	22.20
12	21.00	26.40
14	25.20	30.60
16	29.40	34.80
18	33.60	39.00
20	37.80	43.20
22	42.00	47.40
24	46.20	41.60

ORDERING INFORMATION:

P/N 4 2 0 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ W / $\frac{xx}{4}$

1. LOCATING PEG OPTION:

"WS" W/O LOCATING PEG & W/O DRAIN HOLES

"WU" WITH LOCATING PEG & WITH DRAIN HOLES

2. NO. OF CONTACTS:

002 ~ 024

3. CONTACT FINISH:

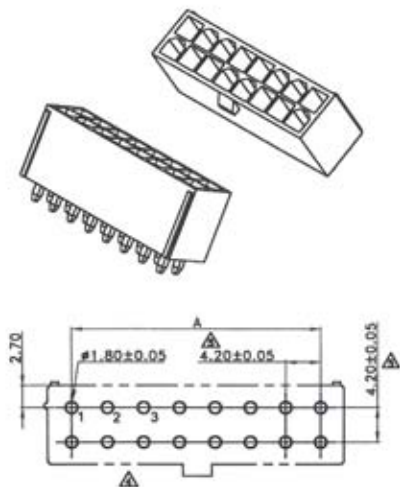
"T" FULL TIN PLATED

4. FLAMMABILITY OF INSULATOR:

" " UL94V-2

"V0" UL94V-0

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



Recommended P.C.Board Layout

NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
02	-	5.60
04	4.20	9.80
06	8.40	14.00
08	12.60	18.20
10	16.80	22.40
12	21.00	26.60
14	25.20	30.80
16	29.40	35.00
18	33.60	39.20
20	37.80	43.40
22	42.00	47.60
24	46.20	51.80

SPECIFICATIONS

Voltage Rating: 250V AC/DC

Current Rating: 7A AC/DC

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

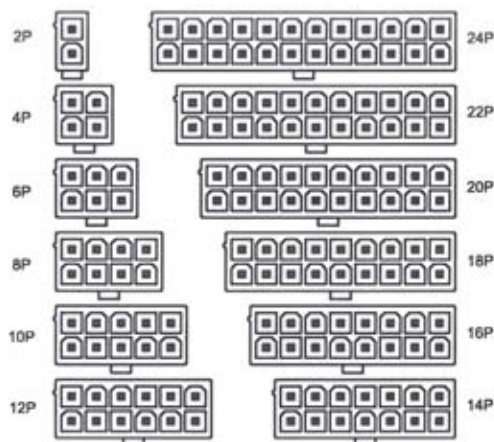
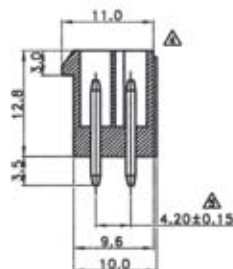
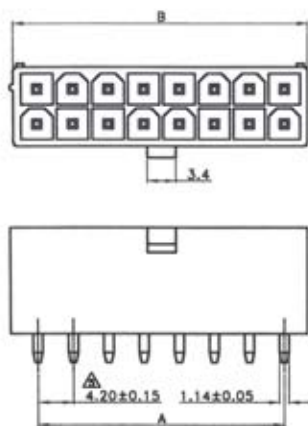
Temperature Range: -40°C to +105°C

Contact Resistance: 20mΩ Max

MATERIAL

Contact: Brass, Tin Plated

All materials must be RoHS compliant.

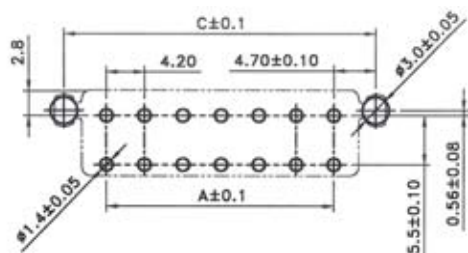


ORDERING INFORMATION:

P/N 4 2 0 WT - xxx T x / xx

- CONNECTOR TYPE:
"WT" STRAIGHT TYPE WITH DRAIN HOLES
- NO. OF CONTACTS:
002 ~ 024
- INSULATOR COLOR:
"W" WHITE (STANDARD)
"B" BLACK
- FLAMMABILITY OF INSULATOR:
" " UL94V-2
"V0" UL94V-0

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



Recommended P.C.Board Layout
For 1.78 Max Thick P.C.Board
(Top View)

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	-	5.40	9.40
04	4.20	9.60	13.60
06	8.40	13.80	17.80
08	12.60	18.00	22.00
10	16.80	22.20	26.20
12	21.00	26.40	30.40
14	25.20	30.60	34.60
16	29.40	34.80	38.80
18	33.60	39.00	43.00
20	37.80	43.20	47.20
22	42.00	47.40	51.40
24	46.20	51.60	55.60

SPECIFICATIONS

Voltage Rating: 600V AC

Current Rating: 9A Max

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -40°C to +105°C

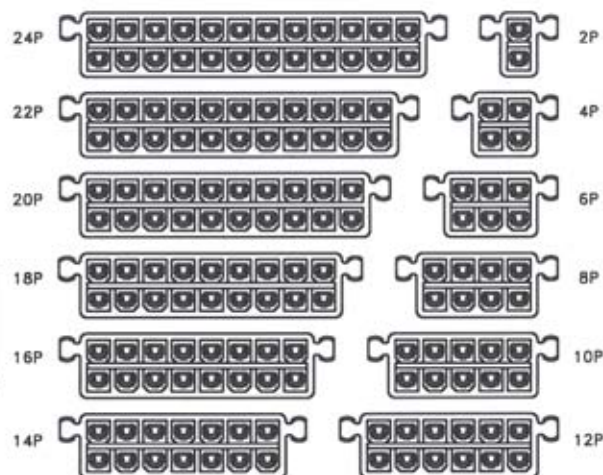
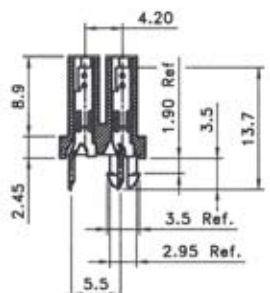
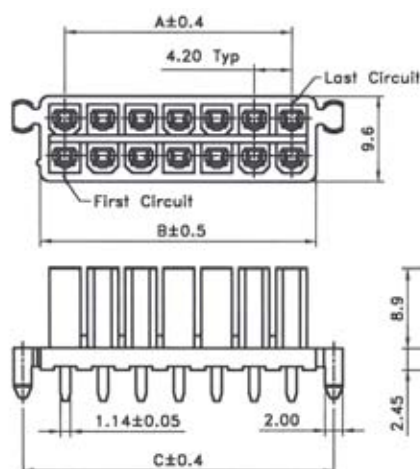
Contact Resistance: 20mΩ Max

MATERIAL

Contact: Brass, Tin Plated

Base: Nylon 66 UL94V-0, White

All materials must be RoHS compliant.

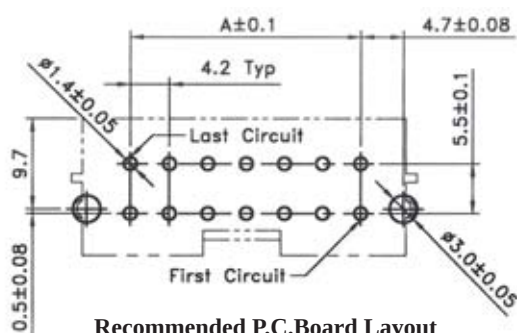


ORDERING INFORMATION:

P/N 4 2 0 WK - xxx T W
 1 2 3

1. CONNECTOR TYPE:
"WK" STRAIGHT PCB MOUNT TYPE WITH PEGS
2. NO. OF CONTACTS:
002 ~ 024
3. CONTACT FINISH:
"T" TIN PLATED

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



Recommended P.C.Board Layout
For 1.78 Max Thick P.C.Board
(Top View)

NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
02	-	11.00
04	4.20	15.20
06	8.40	19.40
08	12.60	23.60
10	16.80	27.80
12	21.00	32.00
14	25.20	36.20
16	29.40	40.60
18	33.60	44.60
20	37.80	49.00
22	42.00	53.20
24	46.20	57.20

SPECIFICATIONS

Voltage Rating: 600V AC

Current Rating: 9A Max

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -40°C to +105°C

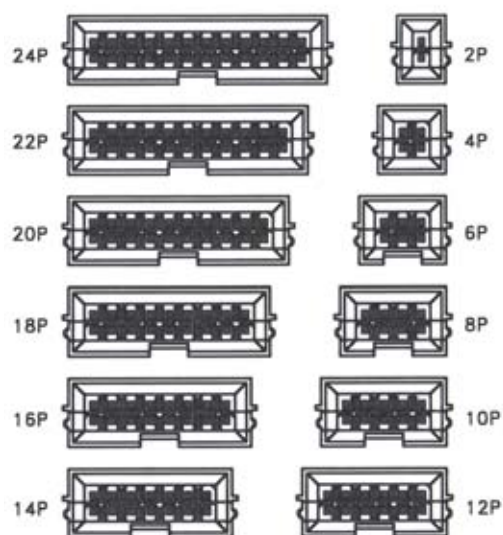
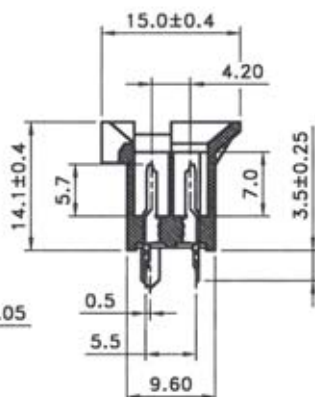
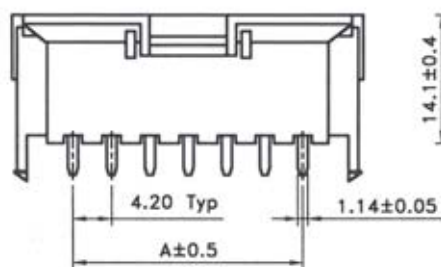
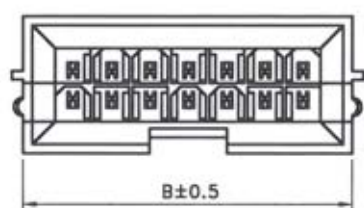
Contact Resistance: 20mΩ Max

MATERIAL

Contact: Brass, Tin Plated

Base: Nylon 66 UL94V-0, White

All materials must be RoHS compliant.

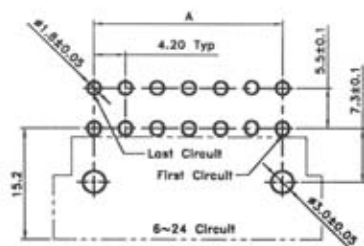


ORDERING INFORMATION:

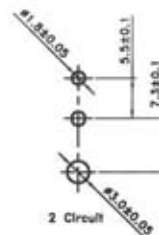
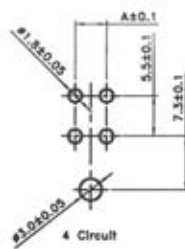
P/N 4 2 0 WM - xxx T W
1 2 3

- CONNECTOR TYPE:
"WM" STRAIGHT PCB MOUNT TYPE WITH PEGS
- NO. OF CONTACTS:
002 ~ 024
- CONTACT FINISH:
"T" TIN PLATED

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



Recommended P.C.Board Layout
For 1.78 Max Thick P.C.Board
(Top View)



SPECIFICATIONS

Current Rating: 9A Max

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -40°C to +105°C

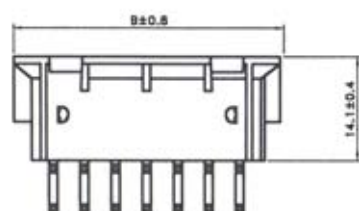
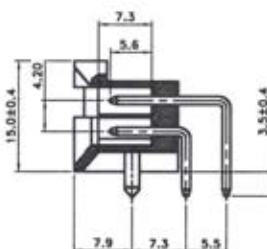
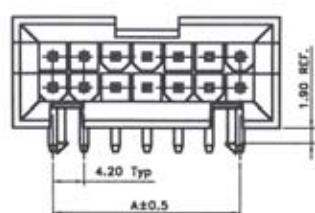
Contact Resistance: 20mΩ Max

MATERIAL

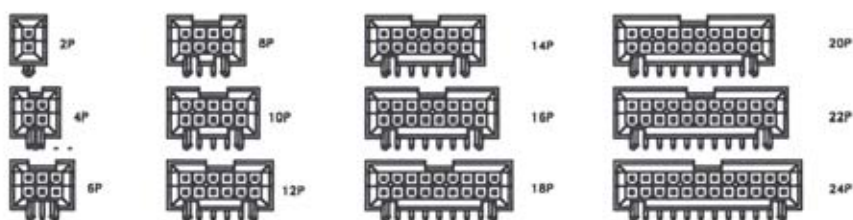
Contact: Brass, Tin Plated

Base: Nylon 66 UL94V-0, White

All materials must be RoHS compliant.



NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
02	-	11.00
04	4.20	15.20
06	8.40	19.40
08	12.60	23.60
10	16.80	27.80
12	21.00	32.00
14	25.20	36.20
16	29.40	40.60
18	33.60	44.60
20	37.80	49.00
22	42.00	53.20
24	46.20	57.20

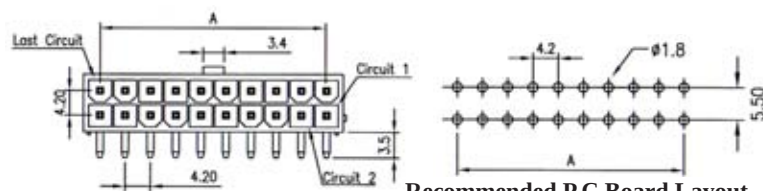


ORDERING INFORMATION:

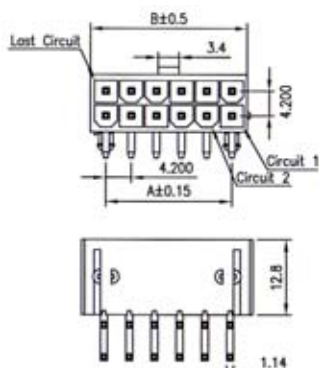
P/N 4 2 0 W V - x x x T W
1 2 3

- CONNECTOR TYPE:
"WV" RIGHT ANGLE TYPE WITH LOCATING PEGS
- NO. OF CONTACTS:
002 ~ 024
- CONTACT FINISH:
"T" TIN PLATED

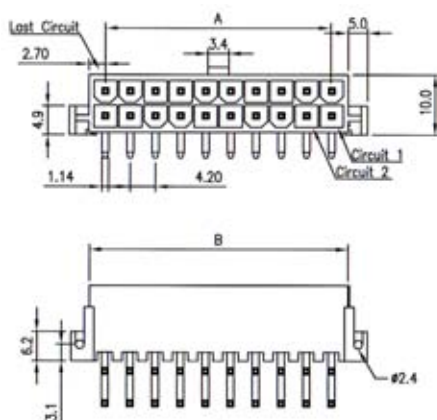
4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM



Recommended P.C.Board Layout



Recommended P.C.Board Layout



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 7.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

420WW/420WR/420WL

No. of Contacts	Dimensions(mm)	
	A	B
02		5.40
04	4.20	9.60
06	8.40	13.80
08	12.60	18.00
10	16.80	22.20
12	21.00	26.40
14	25.20	30.60
16	29.40	34.80
18	33.60	39.00
20	37.80	43.20
22	42.00	47.40
24	46.20	41.60

ORDERING INFORMATION:

P/N 4 2 0 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{T}{3}$ W / $\frac{x}{4}$

1. MOUNTING EARS & LOCATING PEGS OPTION:

"WW" RIGHT ANGLE TYPE W/O EARS & W/O PEGS

"WR" RIGHT ANGLE TYPE W/O EARS & WITH PEGS

"WL" RIGHT ANGLE TYPE WITH EARS & W/O PEGS

2. NO. OF CONTACTS:

002 ~ 024

3. CONTACT FINISH:

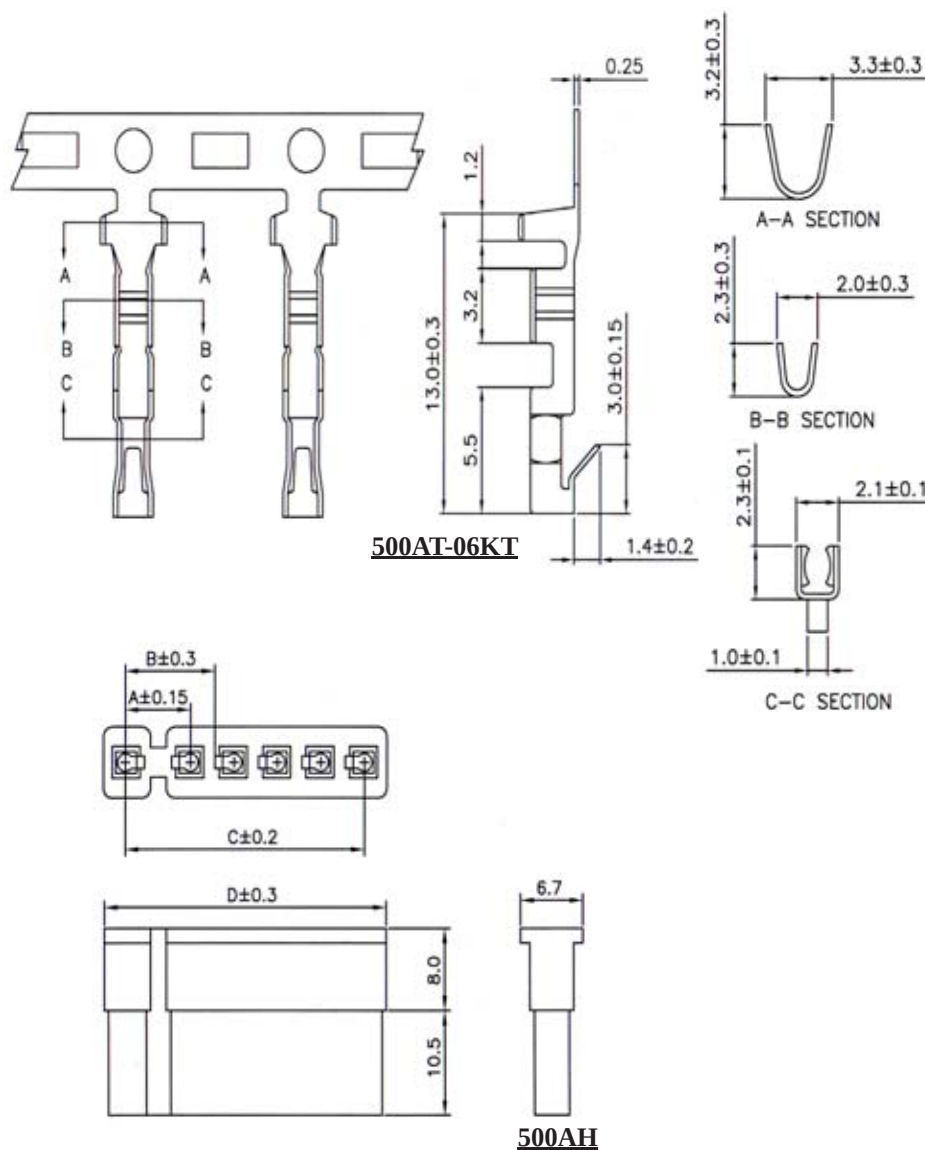
"T" FULL TIN PLATED

4. FLAMMABILITY OF INSULATOR:

" " UL94V-2

"V0" UL94V-0

5.00MM + 7.50MM SPACING WIRE-TO-BOARD SYSTEM (1)



SPECIFICATIONS

Current Rating: 5.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

TERMINAL

Accepts AWG# 18-22 Wire Range

Material: Brass

Finish: Tin Plated

Thickness: 0.25mm

HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)			
	A	B	C	D
01		5.95		
02	7.50	12.55		
03			12.50	17.55
04			17.50	22.55
05			22.50	27.55
06			27.50	32.55

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 500AT-06KT

PU= 6.000PCS/REEL

NOTE: ACCEPTS 500AH HOUSING

HOUSING:

P/N 500AH - $\frac{xxx}{1} H \frac{x}{2}$

1. NO. OF CONTACTS:

001 ~ 006

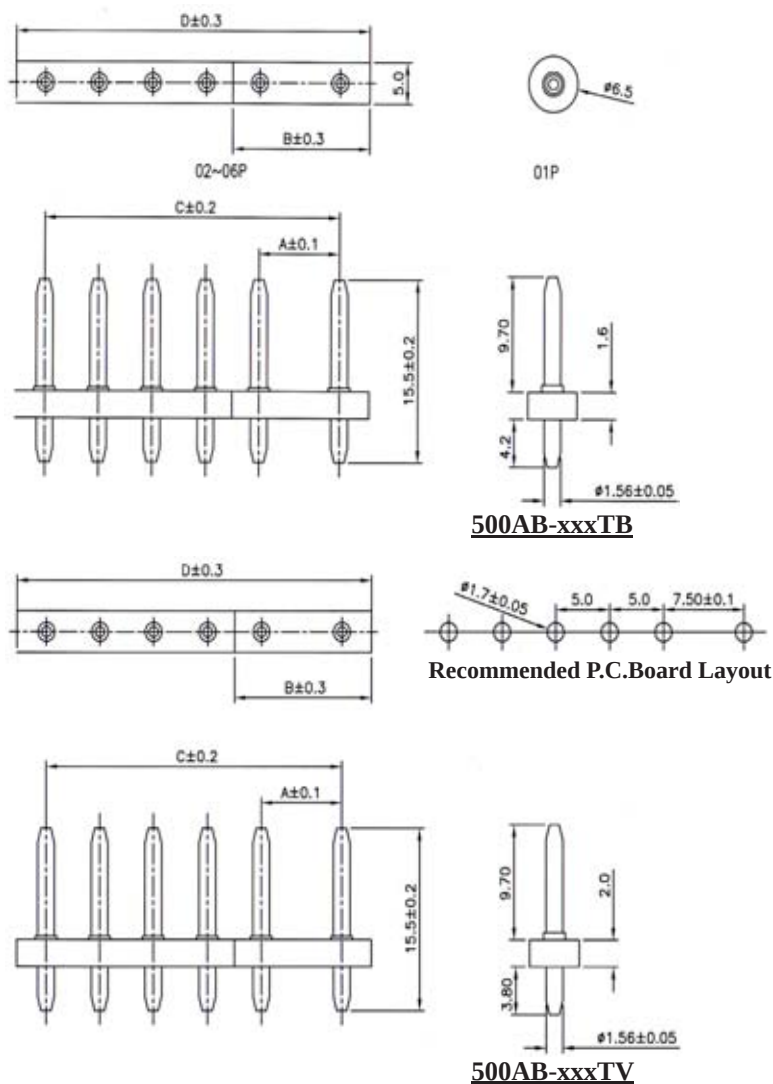
2. INSULATOR COLOR:

"V" IVORY (NYLON 66)

"B" BLACK (BAKELITE)

NOTE: ACCEPTS 500AT TERMINAL

5.00MM + 7.50MM SPACING WIRE-TO-BOARD SYSTEM (2)



SPECIFICATIONS

Current Rating: 5.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +120°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

500AB-xxxTB

No. of Contacts	Dimensions(mm)			
	A	B	C	D
01		6.50		
02	7.50	13.10		
03			12.50	18.10
04			17.50	23.10
05			22.50	28.10
06			27.50	33.10

500AB-xxxTV

No. of Contacts	Dimensions(mm)			
	A	B	C	D
01		5.50		
02	7.50	13.10		
03			12.50	18.10
04			17.50	23.10
05			22.50	28.10
06			27.50	33.10

ORDERING INFORMATION:

P/N 500AB - $\frac{xxx}{1}T\frac{x}{2}$

1. NO. OF CONTACTS:

001 ~ 006

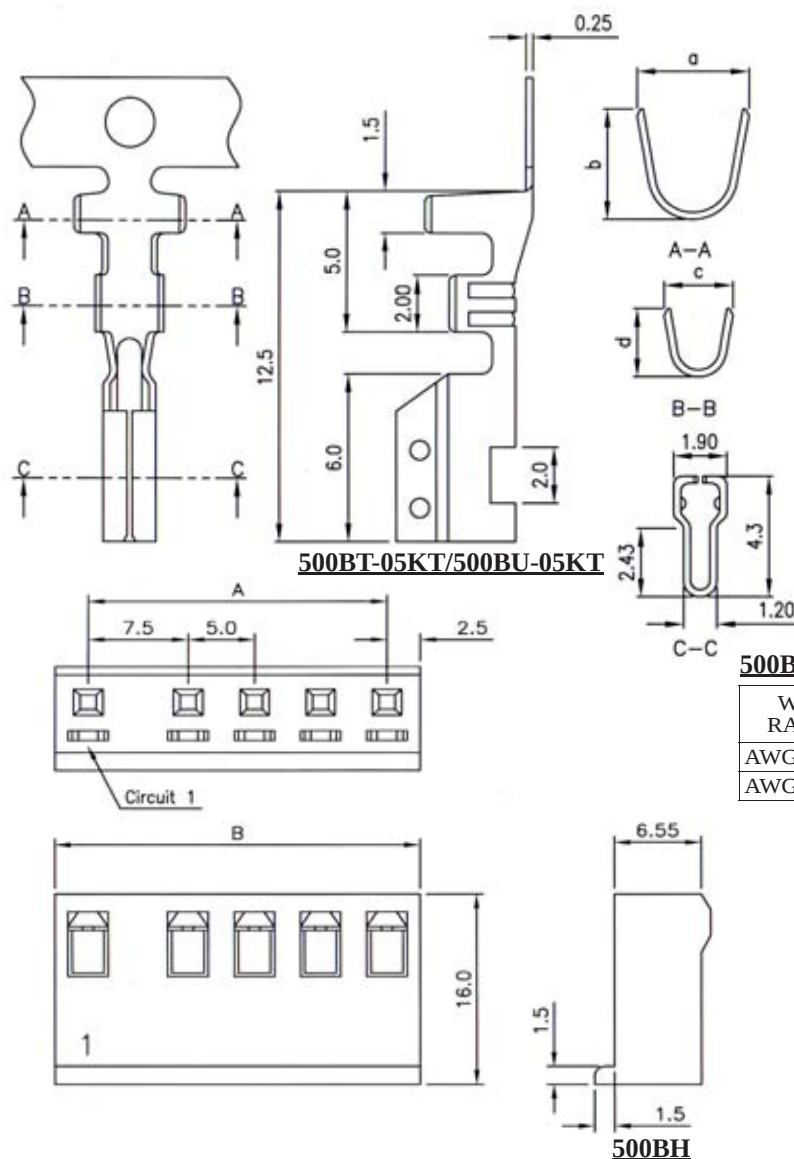
2. INSULATOR COLOR:

"V" IVORY (NYLON 66)

"B" BLACK (BAKELITE)

NOTE: MATES WITH 500AH HOUSING

5.00MM + 7.50MM SPACING WIRE-TO-BOARD SYSTEM (3)



SPECIFICATIONS

Current Rating: 5.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +120°C

TERMINAL

Material: Brass & Phosphor Bronze

Finish: Tin Plated

Thickness: 0.25mm

HOUSING

Material: Nylon 66, UL 94V-2

All materials must be RoHS compliant.

500BT-05KT/500BU-05KT

WIRE RANGE	WIRE RANGE				INSULATION O.D.(mm)
	A	B	C	D	
AWG# 18-24	4.0	3.9	2.45	2.4	1.3~3.2
AWG# 22-28	3.2	2.25	2.1	1.8	1.2~2.6

500BH

No. of Contacts	Dimensions(mm)	
	A	B
02	7.50	12.50
03	12.50	17.50
04	17.50	22.50
05	22.50	27.50
06	27.50	32.50

ORDERING INFORMATION:

TERMINAL:

P/N 500BT-05KT

FOR AWG# 18-24 WIRES
PU= 5.000PCS/REEL

P/N 500BU-05KT

FOR AWG# 22-28 WIRES
PU= 5.000PCS/REEL

NOTE: ACCEPTS 500BH HOUSING

HOUSING:

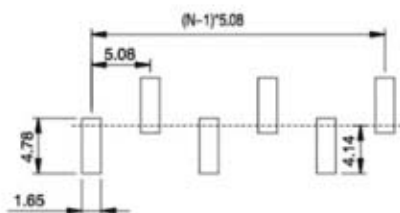
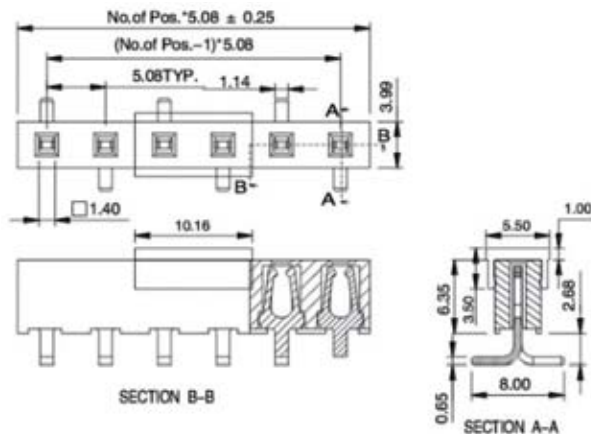
P/N 500BH - xxx H V
1

1. NO. OF CONTACTS:
002 ~ 006

NOTE: ACCEPTS 500BT & 500BU TERMINAL

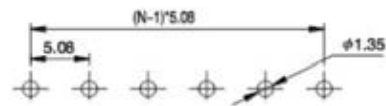
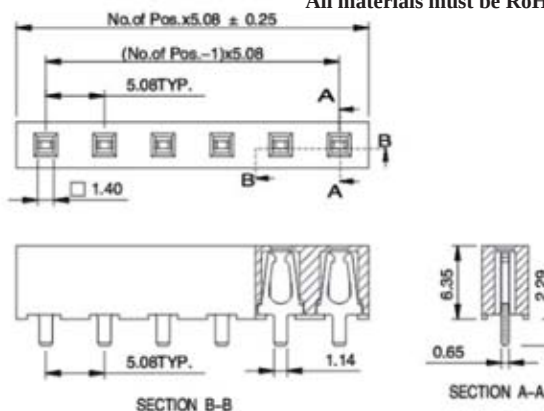
5.08MM(0.200") FEMALE HEADER SINGLE ROW DIP TYPE & SMT TYPE (1)

508FM-xxxxB-x



Recommended P.C. Board Layout

508FA-xxxxB-x



Recommended P.C. Board Layout

SPECIFICATIONS

Current Rating: 6.8Amp 30°C

Temperature Rise

Contact Resistance: 10mΩ Max

Insulation Resistance: 500MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: High Temperature

Thermoplastic UL94V-0

Contact: Stamped And Formed,

Phosphor Bronze/BeCu

Plating: Au/Sn Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 508 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. CONNECTOR TYPE:

"FA" DIP TYPE

"FM" SMT TYPE

2. NO. OF CONTACTS:

002 ~ 020

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

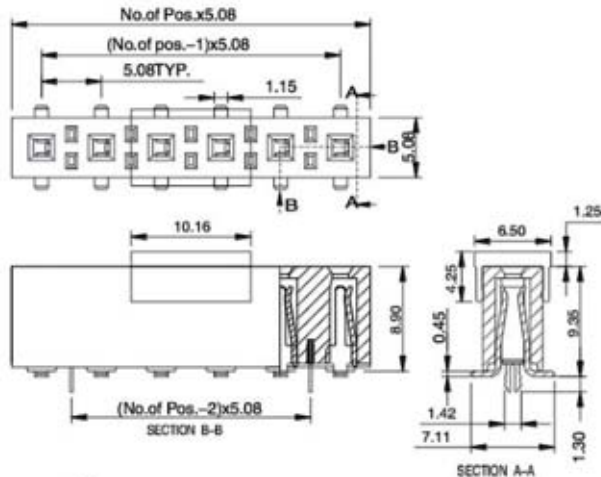
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

5.08MM(0.200") FEMALE HEADER SINGLE ROW DIP TYPE & SMT TYPE (2)

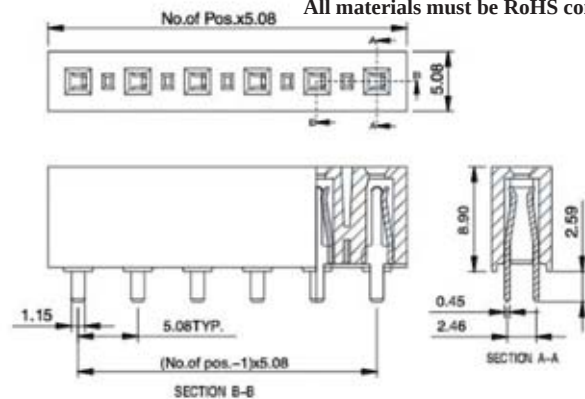
508FP-xxxxB-x

508FQ-xxxxB-x



Recommended P.C.Board Layout

508FB-xxxxB-x



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 8.2Amp 30°C

Temperature Rise

Contact Resistance: 10mΩ Max

Insulation Resistance: 500MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: High Temperature

Thermoplastic UL94V-0

Contact: Stamped And Formed,

Phosphor Bronze/BeCu

Plating: Au/Sn Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 508 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. CONNECTOR TYPE:

"FB" DIP TYPE

"FP" SMT TYPE WITH LOCK

"FQ" SMT TYPE WITHOUT LOCK

2. NO. OF CONTACTS:

002 ~ 020

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

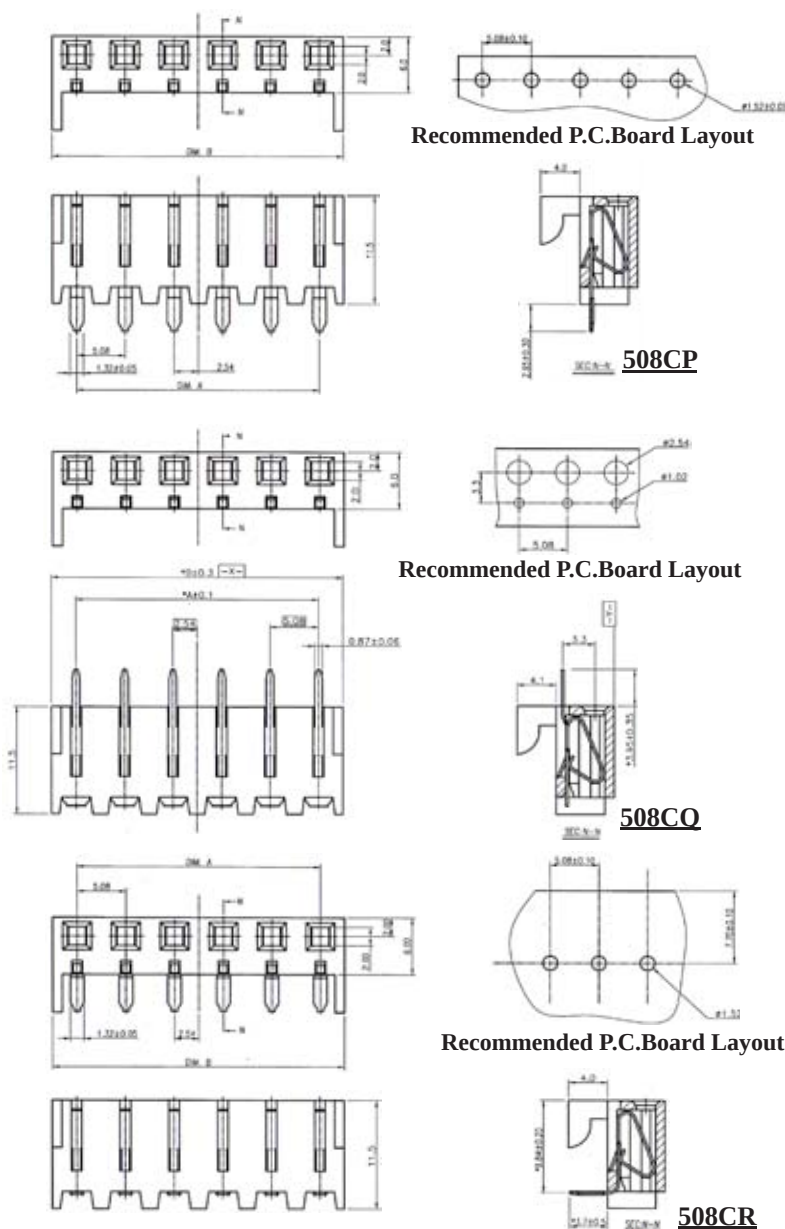
"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

5.08MM(0.200") P.C.B. SOCKET



SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 500KMΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	5.08±0.10	10.16±0.15
03	10.16±0.10	15.24±0.15
04	15.24±0.10	20.32±0.15
05	20.32±0.10	25.40±0.15
06	25.40±0.10	30.48±0.20
07	30.48±0.20	35.56±0.20
08	35.56±0.20	40.64±0.20
09	40.64±0.20	45.72±0.20
10	45.72±0.20	50.80±0.25
11	50.80±0.20	55.88±0.25
12	55.88±0.25	60.96±0.25
13	60.96±0.25	66.04±0.30
14	66.04±0.25	71.12±0.30
15	71.12±0.25	76.20±0.30
16	76.20±0.25	81.28±0.30
17	81.28±0.30	86.36±0.30
18	86.36±0.30	91.44±0.30
19	91.44±0.30	96.52±0.30
20	96.52±0.30	101.60±0.30

ORDERING INFORMATION:

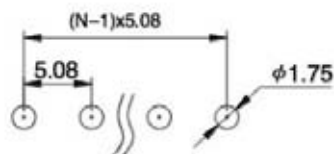
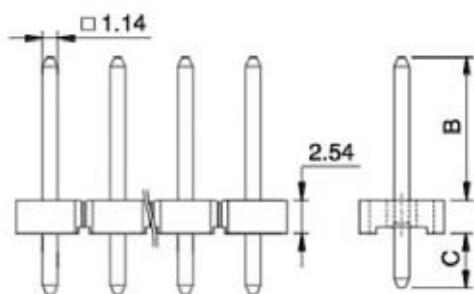
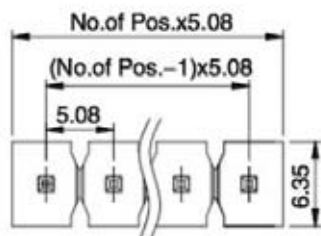
P/N 508 $\frac{xx}{1} - \frac{xxx}{2} \frac{T}{3} \frac{W}{4}$

- CONNECTOR TYPE:
"CP" TOP ENTRY (VERTICAL TYPE)
"CQ" BOTTOM ENTRY (REVERSE TYPE)
"CR" RIGHT ANGLE TYPE
- NO. OF CONTACTS:
002 ~ 020
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"W" WHITE

5.08MM(0.200") PIN HEADER STRAIGHT DIP TYPE

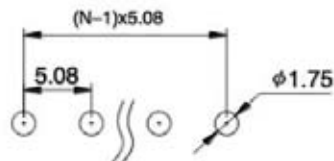
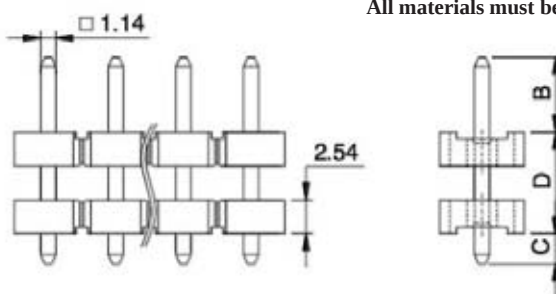
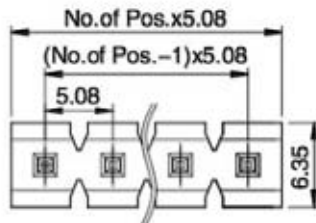
508PE-xxxTB-x

508PF-xxxTB-x



Recommended P.C.Board Layout

508PQ-xxxTB-x



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 8.2Amp 30°C

Temperature Rise

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: Thermoplastic UL94V-0

Contact: Copprt Alloy

Plating: Tin Plated Over Nickel

All materials must be RoHS compliant.

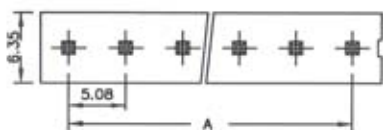
CODE	DIMENSIONS(MM)		
	B	C	D
PE	11.94	4.57	-
PF	13.21	4.57	-
PQ	6.86	2.29	7.62

ORDERING INFORMATION:

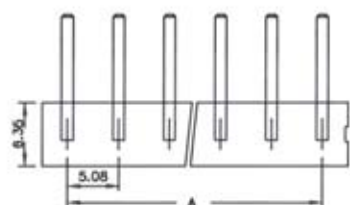
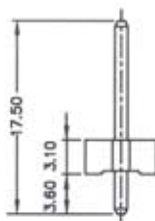
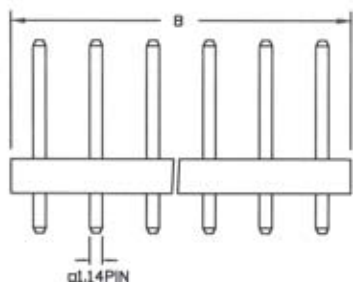
P/N 508 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ B

1. TERMINAL TYPE:
SINGLE BODY TYPE: PE, PF
DOUBLE BODY TYPE: PQ
2. NO. OF CONTACTS:
001 ~ 020
3. CONTACT FINISH:
"T" FULL TIN PLATED

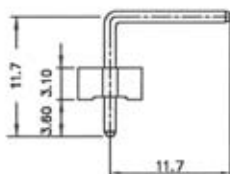
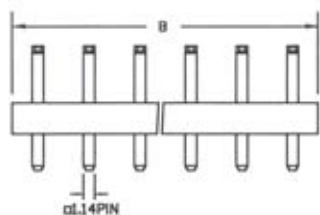
5.08MM(0.200") SPACING WIRE-TO-BOARD SYSTEM (A3)



508PS



508PR



SPECIFICATIONS

Current Rating: 7 A AC, DC

Voltage Rating: 250V AC, DC

Contact Resistance: 10mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstand Voltage: 1500V AC/Min

Operating Temperature: -25°C to +85°C

MATERIALS

Insulator: Nylon 66 UL94V-2

All materials must be RoHS compliant.



**Recommended P.C.Board Layout
(Component Side)**

NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
02	5.08	10.16
03	10.16	15.24
04	15.24	20.32
05	20.32	25.40
06	25.40	30.48
07	30.48	35.56
08	35.56	40.64
09	40.64	45.72
10	45.72	50.80

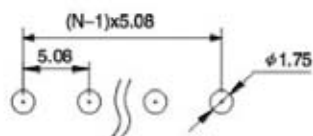
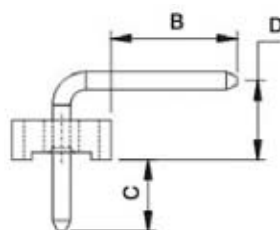
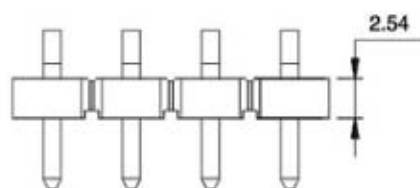
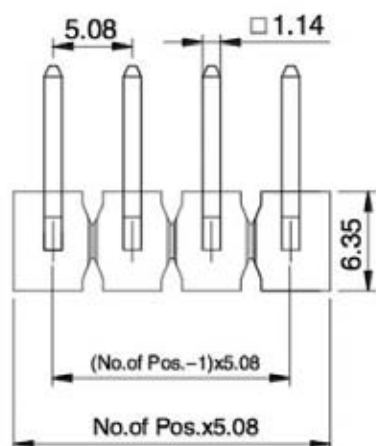
ORDERING INFORMATION:

P/N 508 $\frac{XX}{1} - \frac{XXX}{2} \frac{T}{3} W$

1. TERMINAL TYPE:
"PS" STRAIGHT TYPE
"PR" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002~010
3. CONTACT FINISH:
"T" FULL TIN PLATED

NOTE: MATES WITH 508HA & 508HB HOUSINGS

5.08MM(0.200") PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 8.2Amp 30°C

Temperature Rise

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: AC 500V

Temperature Range: -40°C to +105°C

Max. Processing Temp:

230°C For 30~60 Seconds

260°C For 10 Seconds

MATERIAL

Insulator: Thermoplastic UL94V-0

Contact: Copprt Alloy

Plating: Tin Plated Over Nickel

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 5 0 8 xx - xxx T B
1 2 3

1. TERMINAL TYPE:

"PL" B/C/D = 8.08/4.57/7.62MM

"PM" B/C/D = 13.82/3.96/7.62MM

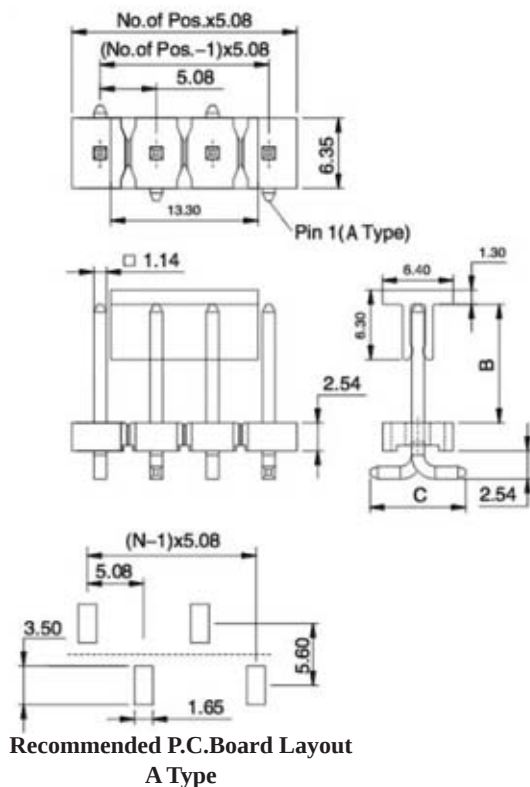
2. NO. OF CONTACTS:

001 ~ 020

3. CONTACT FINISH:

"T" FULL TIN PLATED

5.08MM(0.200") PIN HEADER SMT TYPE

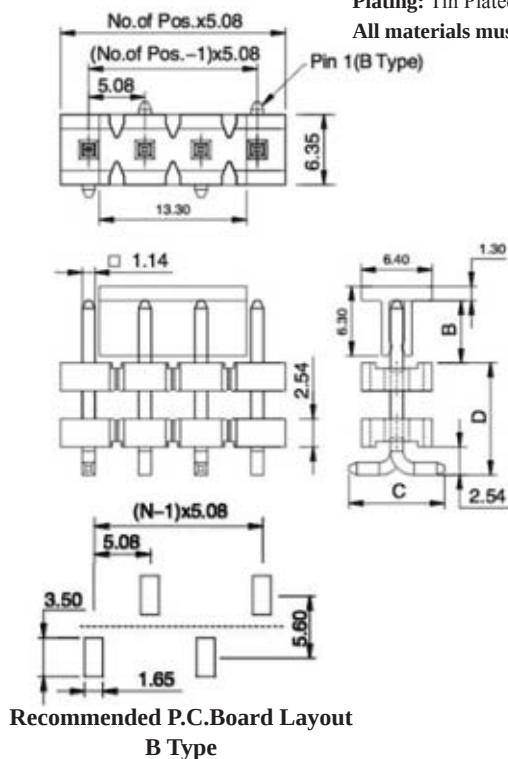


TYPE A	TYPE B	DIMENSIONS(MM)		
		B	C	D
SE	SF	10.72	8.64	-
SG	SH	12.24	8.38	-
SM	SN	5.64	8.64	10.16

SPECIFICATIONS
Current Rating: 8.2Amp 30°C
 Temperature Rise
Insulation Resistance: 1000MΩ Min.
Withstanding Voltage: AC 500V
Temperature Range: -40°C to +105°C
Max. Processing Temp:
 230°C For 30~60 Seconds
 260°C For 10 Seconds

MATERIAL

Insulator: Thermoplastic UL94V-0
Contact: Copprt Alloy
Plating: Tin Plated Over Nickel
 All materials must be RoHS compliant.



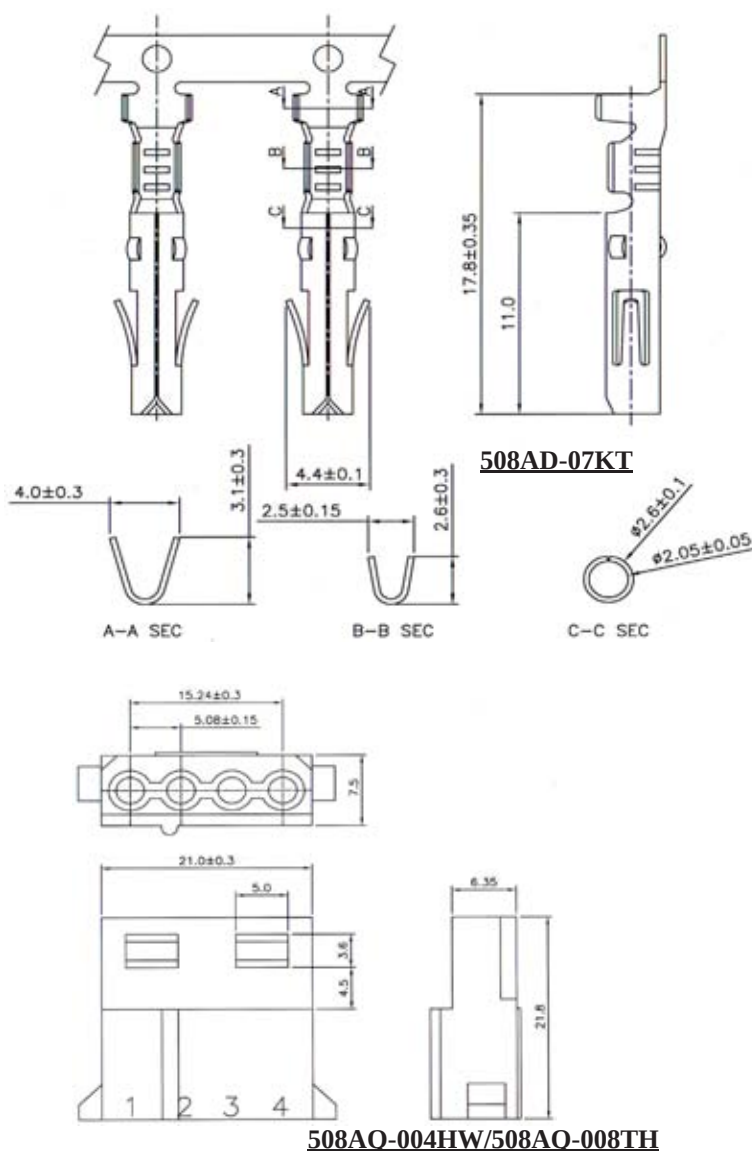
ORDERING INFORMATION:

P/N 508 $\frac{xx}{1} - \frac{xxx}{2} \frac{T}{3} B - \frac{x}{4}$

1. TERMINAL TYPE:
SINGLE BODY TYPE: SE, SF, SG, SH
DOUBLE BODY TYPE: SM, SN
2. NO. OF CONTACTS:
001 ~ 020
3. CONTACT FINISH:
"T" FULL TIN PLATED
4. PACKAGE TYPE:
"T" WITHOUT PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

5.08MM(0.200") SPACING DISK DRIVE POWER CONNECTOR (1)



SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

TERMINAL

Accepts AWG# 16-20 Wire Range

Material: Brass

Finish: Tin Plated

Thickness: 0.30mm

HOUSING

Material: Nylon 66, UL 94V-2

All materials must be RoHS compliant.

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 508AD-07KT

PU= 7.000PCS/REEL

NOTE: ACCEPTS 508AQ HOUSING

HOUSING:

P/N 508AQ-xxxHW

HOUSING xxx = 002, 003, 004

NOTE: ACCEPTS 508AD TERMINAL

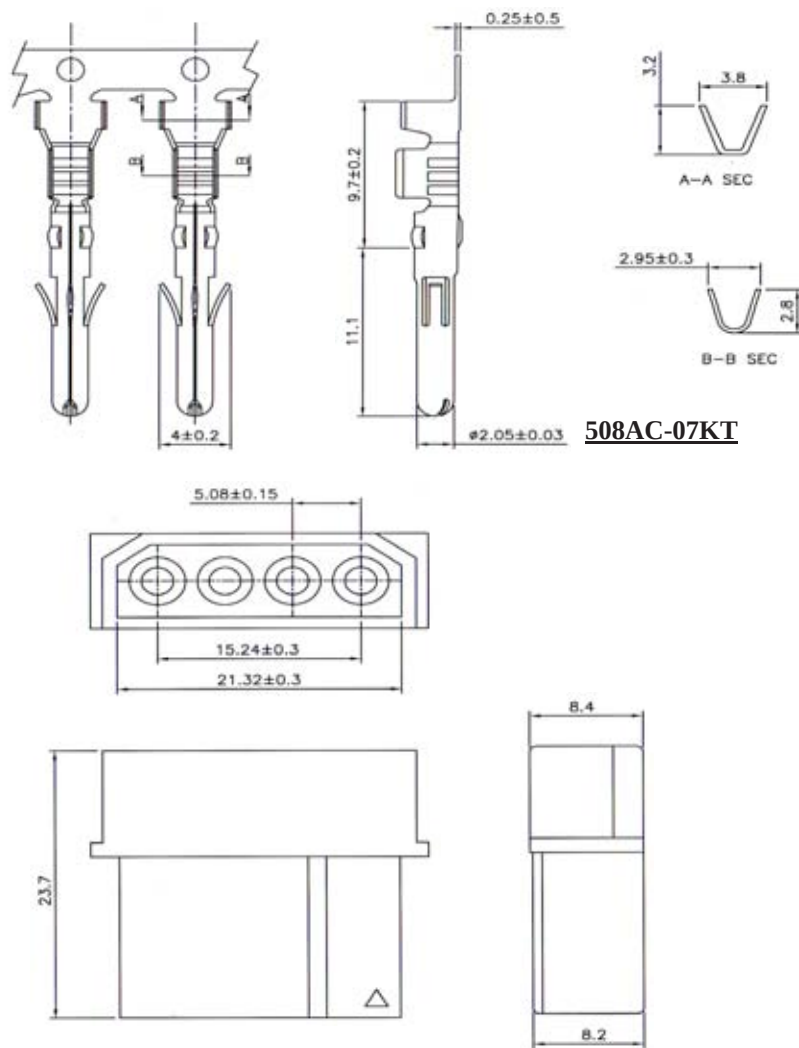
P/N 508AQ-008TH

SPECIAL PACKAGING WITH
4PCS 508AD-001T (TERMINAL) &
1PC 508AQ-004HW (HOUSING)
IN ONE POLYBAG

P/N 508AQ-004TH

DITTO, BUT WITH 508AQ-002HW &
2PCS 508AD-001T

5.08MM(0.200") SPACING DISK DRIVE POWER CONNECTOR (2)



508AC-07KT

508AP-004HW/508AP-008TH

SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

TERMINAL

Accepts AWG# 16-20 Wire Range

Material: Brass

Finish: Tin Plated

Thickness: 0.25mm

HOUSING

Material: Nylon 66, UL 94V-2

All materials must be RoHS compliant.

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 508AC-07KT

PU= 7.000PCS/REEL

NOTE: ACCEPTS 508AP HOUSING

HOUSING:

P/N 508AP-004HW

HOUSING xxx = 002, 003, 004

NOTE: ACCEPTS 508AC TERMINAL

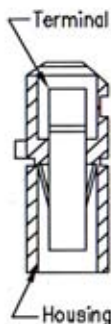
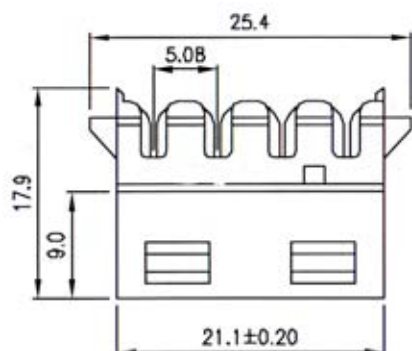
P/N 508AP-008TH

SPECIAL PACKAGING WITH
4PCS 508AC-001T (TERMINAL) &
1PC 508AP-004HW (HOUSING)
IN ONE POLYBAG

P/N 508AP-004TH

DITTO, BUT WITH 508AP-002HW &
2PCS 508AC-001T

5.08MM(0.200") SPACING DISK DRIVE POWER CONNECTOR (3)



SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

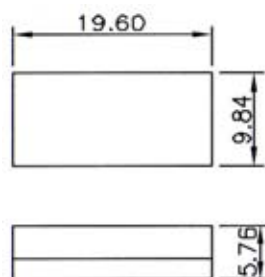
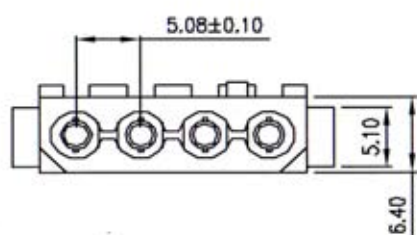
Operating Temperature: -25°C to + 85°C

MATERIALS

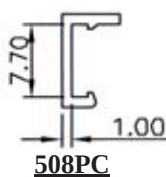
Insulation Material: Nylon 66, UL 94V-2

Contact Material: Brass

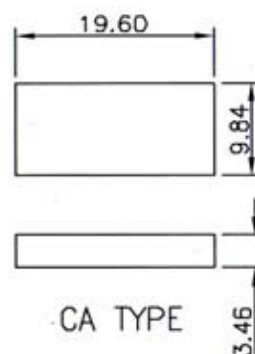
All materials must be RoHS compliant.



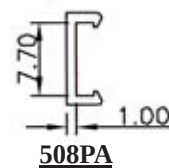
C TYPE



508PC



CA TYPE



508PA

ORDERING INFORMATION:

P/N 508 ₁ C - 004 T ₂ V

INCLUDING
4 PIN HOUSING WITH TERMINALS
& FEED TO COVER C TYPE

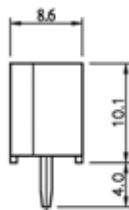
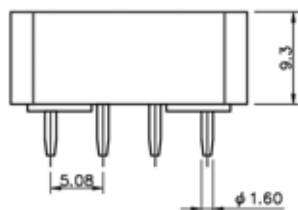
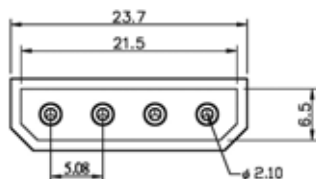
1. WIRE AWG NO.:
"P" AWG# 18
"Q" AWG# 20
"R" AWG# 22
2. INSULATOR COLOR:
"V" IVORY (STANDARD)
"R" RED
"N" GREEN
"W" WHITE
"Y" YELLOW
"B" BLACK

P/N 508 ₁ A - 004 T ₂ V

INCLUDING
4 PIN HOUSING WITH TERMINALS
& FEED THRU COVER CA TYPE

1. WIRE AWG NO.:
"P" AWG# 18
"Q" AWG# 20
"R" AWG# 22
2. INSULATOR COLOR:
"V" IVORY (STANDARD)
"R" RED
"N" GREEN
"W" WHITE
"Y" YELLOW
"B" BLACK

5.08MM(0.200") SPACING DISK DRIVE POWER CONNECTOR (4)



508AS



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 5.0 Amp

Voltage Rating: 250V AC/DC

Insulation Resistance: 1000MΩ Min

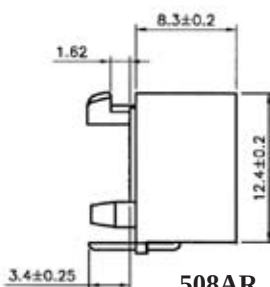
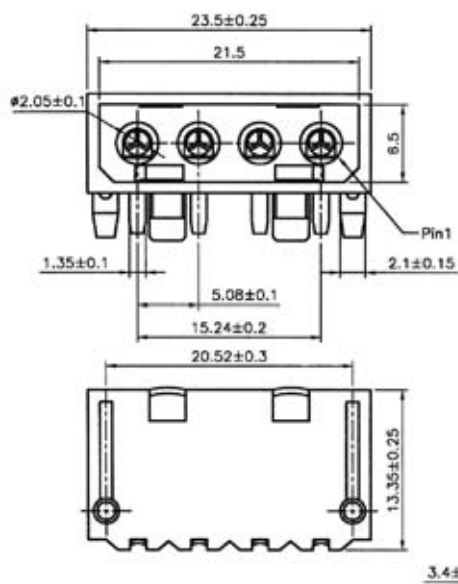
Operating Temperature: -25°C to +85°C

WAFER

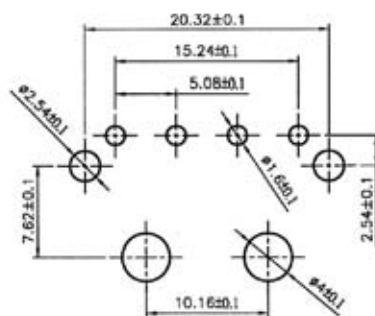
Material: Nylon 66, UL94V-2

Pitch: 5.08mm(0.200")

All materials must be RoHS compliant.



508AR



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 508 $\frac{xx}{1} - \frac{xxx}{2}$ TW

1. TERMINAL TYPE:

"AS" STRAIGHT TYPE

"AR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

004

NOTE: MATES WITH 508AQ-004HW &
508AH-004HW HOUSINGS

5.08MM(0.200") SPACING DISK DRIVE POWER CONNECTOR (5)

SPECIFICATIONS

Voltage Rating: 250V AC/DC

Current Rating: 3A AC/DC

Withstanding Voltage: 1500V AC/Minute

Insulation Resistance: 1000M Ω Min.

Temperature Range: -25°C to +105°C

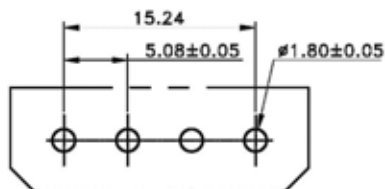
Contact Resistance: 20m Ω Max

MATERIAL

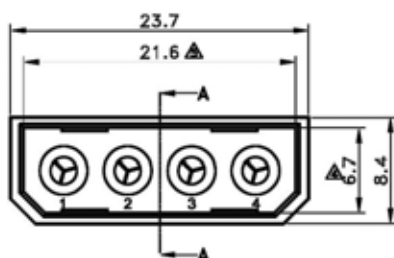
Contact: Brass, Tin Plated

Base: Nylon 66, UL94V-2 or UL94V-0

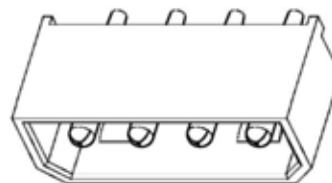
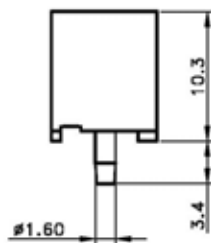
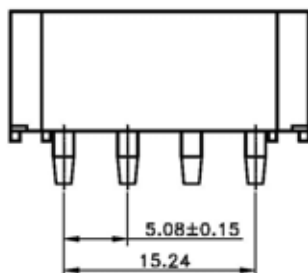
All materials must be RoHS compliant.



Recommended P.C.Board Layout



SECTION A-A



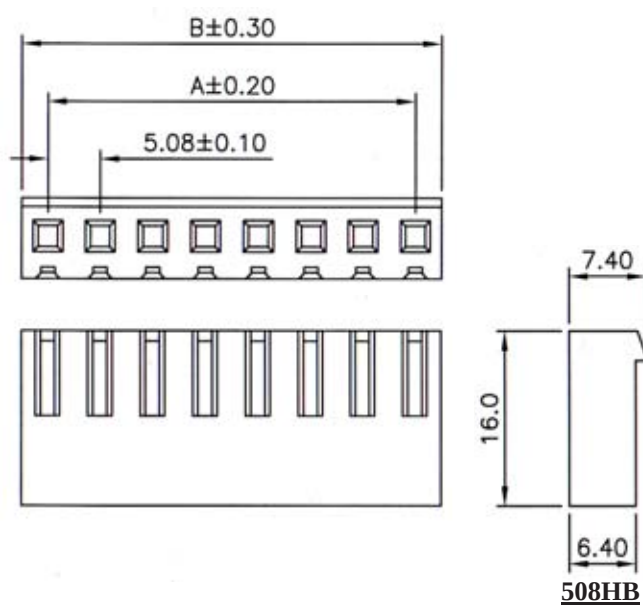
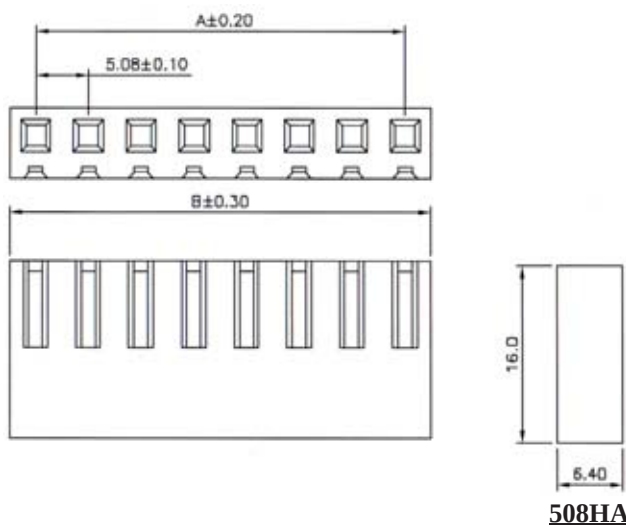
ORDERING INFORMATION:

P/N 508 AT - 004 TW
1 2

1. TERMINAL TYPE:
"AT" STRAIGHT TYPE

2. NO. OF CONTACTS:
004

5.08MM(0.200") SPACING WIRE-TO-BOARD SYSTEM (A1)



SPECIFICATIONS

Current Rating: 7.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

All materials must be RoHS compliant.

508HA/508HB

No. of Contacts	Dimensions(mm)	
	A	B
02	5.08	10.30
03	10.16	15.38
04	15.24	20.46
05	20.32	25.54
06	25.40	30.62
07	30.48	35.70
08	35.56	40.78
09	40.65	45.86
10	45.72	50.94
11	50.80	56.02
12	55.88	61.10

ORDERING INFORMATION:

P/N 508 XX - XXX H V

1. HOUSING TYPE:

"HA" W/O LOCATING RAMP

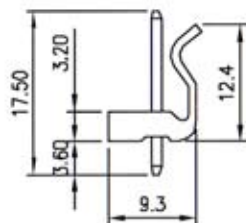
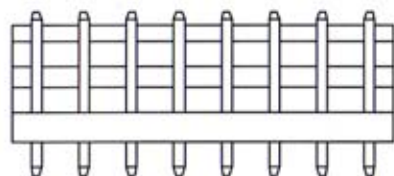
"HB" WITH LOCATING RAMP

2. NO. OF CONTACTS:

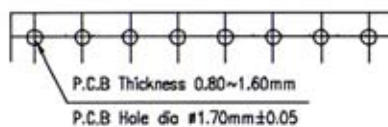
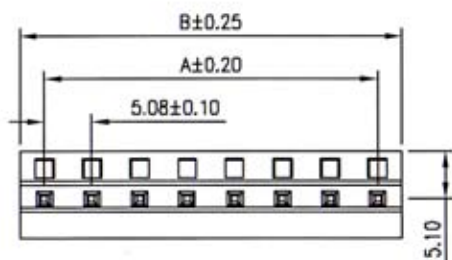
002 ~ 012

NOTE: ACCEPTS 396MT & 396MU TERMINALS

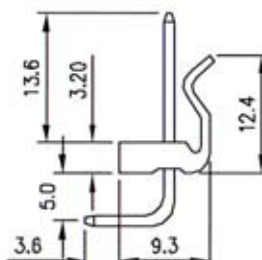
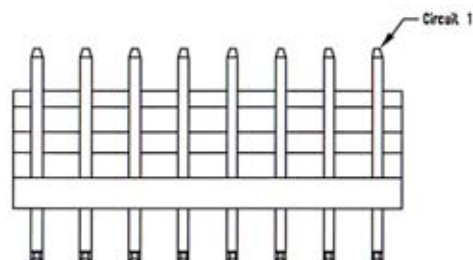
5.08MM(0.200") SPACING WIRE-TO-BOARD SYSTEM (A2)



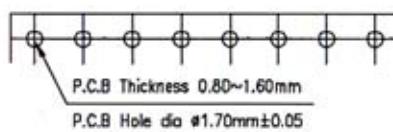
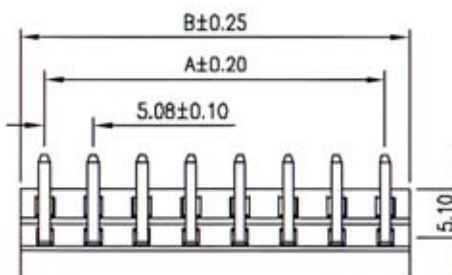
508WS



Recommended P.C. Board Layout



508WR



Recommended P.C. Board Layout

SPECIFICATIONS

Current Rating: 7.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 1500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.

508WS

No. of Contacts	Dimensions(mm)	
	A	B
02	5.08	10.16
03	10.16	15.24
04	15.24	20.32
05	20.32	25.40
06	25.40	30.48
07	30.48	35.56
08	35.56	40.64
09	40.65	45.72
10	45.72	50.80
11	50.80	55.88
12	55.88	60.96

508WR

No. of Contacts	Dimensions(mm)	
	A	B
02	5.08	10.16
03	10.16	15.24
04	15.24	20.32
05	20.32	25.40
06	25.40	30.48
07	30.48	35.56
08	35.56	40.64
09	40.65	45.72
10	45.72	50.80
11	50.80	55.88
12	55.88	60.96
13	60.96	66.04
14	66.04	71.12
15	71.12	76.20

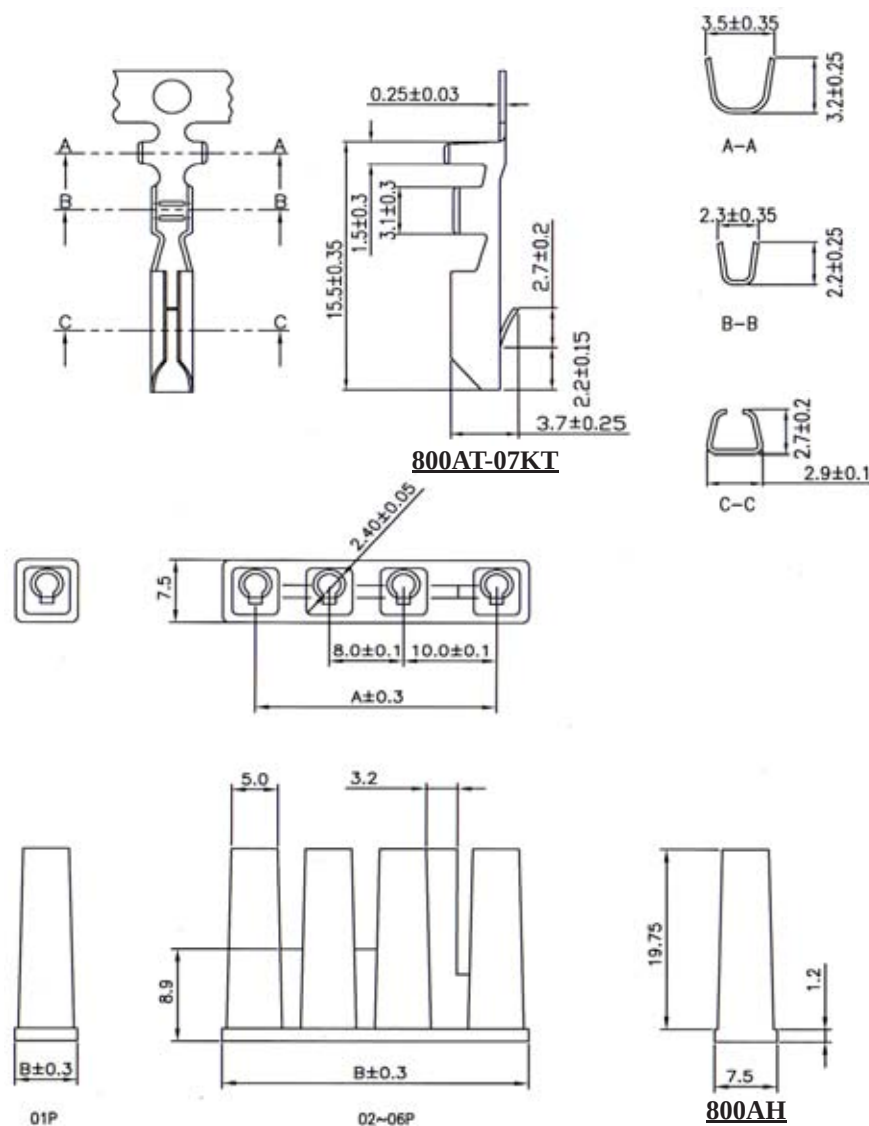
ORDERING INFORMATION:

P/N 508 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{T}{3}$ W

1. TERMINAL TYPE:
"WS" STRAIGHT TYPE
"WR" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 ~ 015
3. CONTACT FINISH:
"T" FULL TIN PLATED

NOTE: MATES WITH 508HA & 508HB HOUSING

8.00MM + 10.00MM SPACING WIRE-TO-BOARD SYSTEM (1)



SPECIFICATIONS

Current Rating: 5.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 120°C

TERMINAL

Accepts AWG# 18-26 Wire Range

Insulation O.D.: 2.54mm(max)

Material: Brass

Finish: Tin Plated

Thickness: 0.25mm

HOUSING

Material: Nylon 66, UL 94V-0 & Bakelite

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
01		6.00
02	10.00	16.00
03	18.00	24.00
04	26.00	32.00
05	34.00	40.00
06	42.00	48.00

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 800AT-07KT

PU= 7.000PCS/REEL

NOTE: ACCEPTS 800AH HOUSING

HOUSING:

P/N 800AH - $\frac{X}{1} \frac{X}{2} H \frac{X}{2}$

1. NO. OF CONTACTS:

001 ~ 006

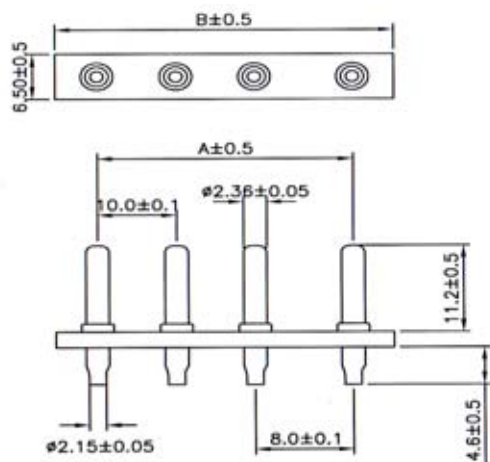
2. INSULATOR COLOR:

"B" BLACK (BAKELITE)

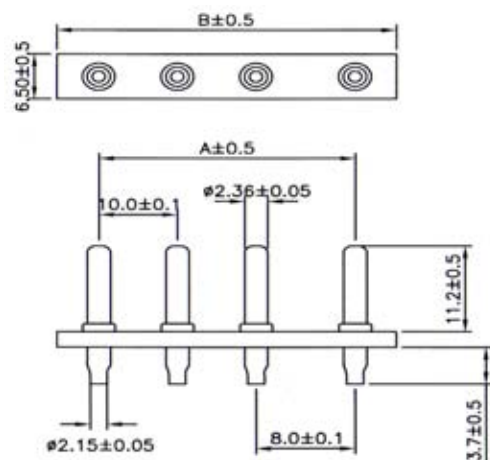
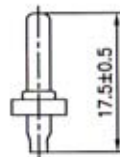
"W" WHITE (NYLON 66)

NOTE: ACCEPTS 800AT TERMINAL

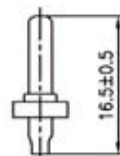
8.00MM + 10.00MM SPACING WIRE-TO-BOARD SYSTEM (2)



800AB-xxxTB



800AB-xxxTW



SPECIFICATIONS

Current Rating: 5.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 120°C

MATERIALS

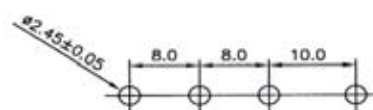
Insulation Material: UL 94V-0

Nylon 66 or Bakelite

Contact Material: Brass

Pin: 2.36mm Round Pin

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)	
	A	B
01		6.50
02	10/8.0	18/16.0
03	18.00	26.00
04	26.00	34.00
05	34.00	42.00
06	42.00	50.00

ORDERING INFORMATION:

P/N 800AB - $\frac{xxx}{1}T\frac{x}{2}$

1. NO. OF CONTACTS:

001 ~ 006

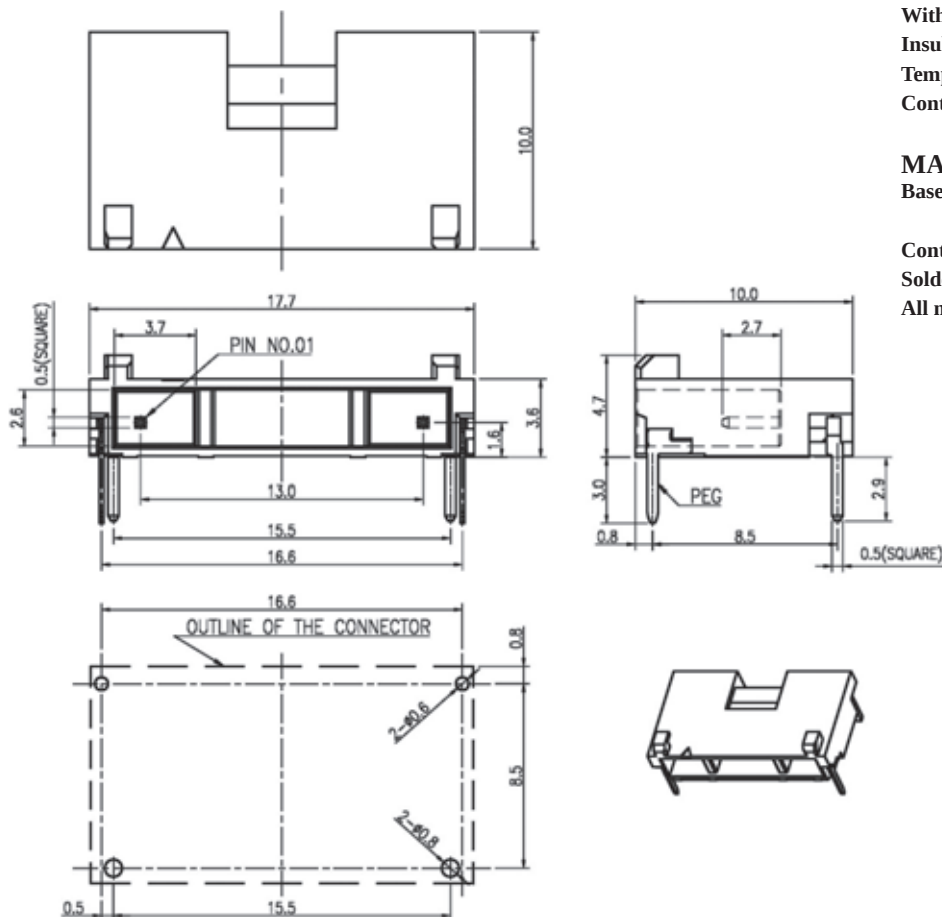
2. INSULATOR COLOR:

"B" BLACK (BAKELITE)

"W" WHITE (NYLON 66)

NOTE: MATES WITH 800AH HOUSING

13.0MM PITCH HEADER RIGHT ANGLE DIP TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Voltage Rating: 3000V AC/DC

Current Rating: 1A AC/DC

Withstanding Voltage: 5000V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +85°C

Contact Resistance: 10mΩ Max

MATERIAL

Base: High Temp. Thermoplastic, UL94V-0
Natural & Black

Contact: Copper Alloy, Matte Tin

Solder Tab: Copper Alloy, Matte Tin

All materials must be RoHS compliant.

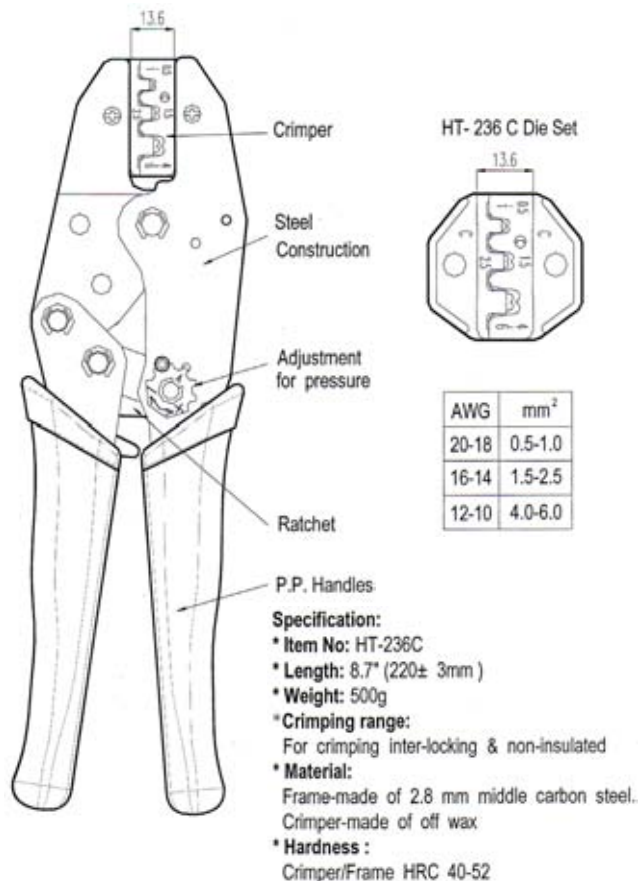
ORDERING INFORMATION:

P/N 13 T 0 1 - $\frac{002}{1}$ T $\frac{x}{2}$

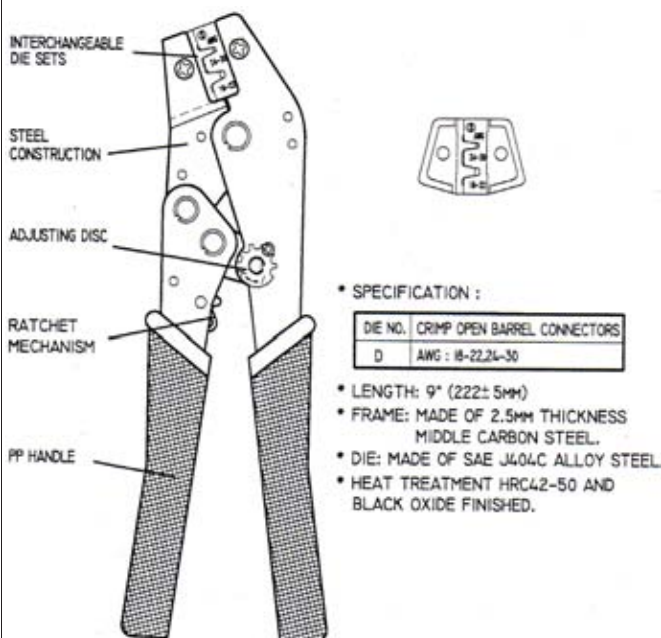
1. NO. OF CONTACTS:
002
2. CONTACT FINISH:
"T" MATTE TIN PLATED
3. INSULATOR COLOR:
"B" BLACK
"V" BEIGE

HAND CRIMPING TOOLS FOR 2.50MM TO 5.08MM PCB CONNECTORS

HT-236C RATCHET CRIMPING TOOL



HT-225D FULL CYCLE RATCHET CRIMPING TOOL (FOR D-SUB & OPEN BARREL CONNECTORS)



Crimping Tool

HAND CRIMPING TOOLS
FOR CRIMPING 2.50MM,
2.54MM, 3.96MM & 4.20MM
SPACING TERMINALS

PART NUMBER	APPLICATION RANGE
HT-236C	AWG10 - AWG20
HT-225D	AWG18 - AWG30
HT-213	AWG20 - AWG28

NOTE: They are not suitable
for the crimping 2.00mm or 1.27mm
terminals.

HT-213 D-SUB CRIMPING TOOL 2 STAGE, ECONOMIC TYPE

