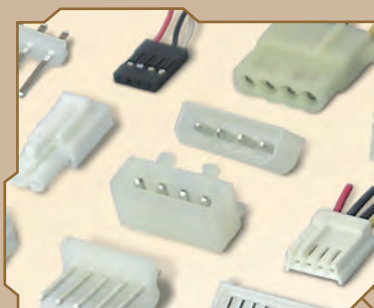
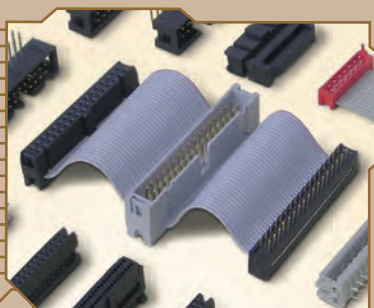
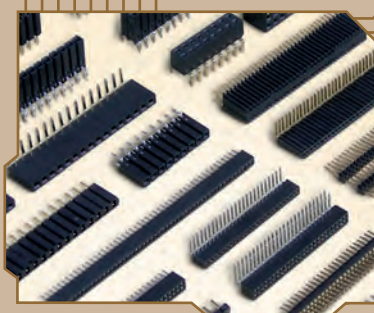
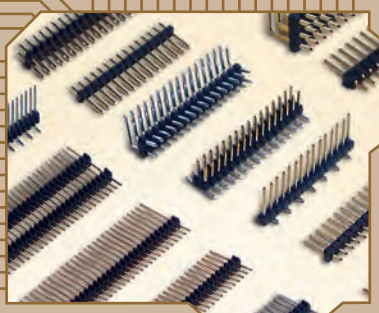


ELITALLA



PCB2

INTERCONNESSIONI PASSO 2,00 ~ 5,08 mm

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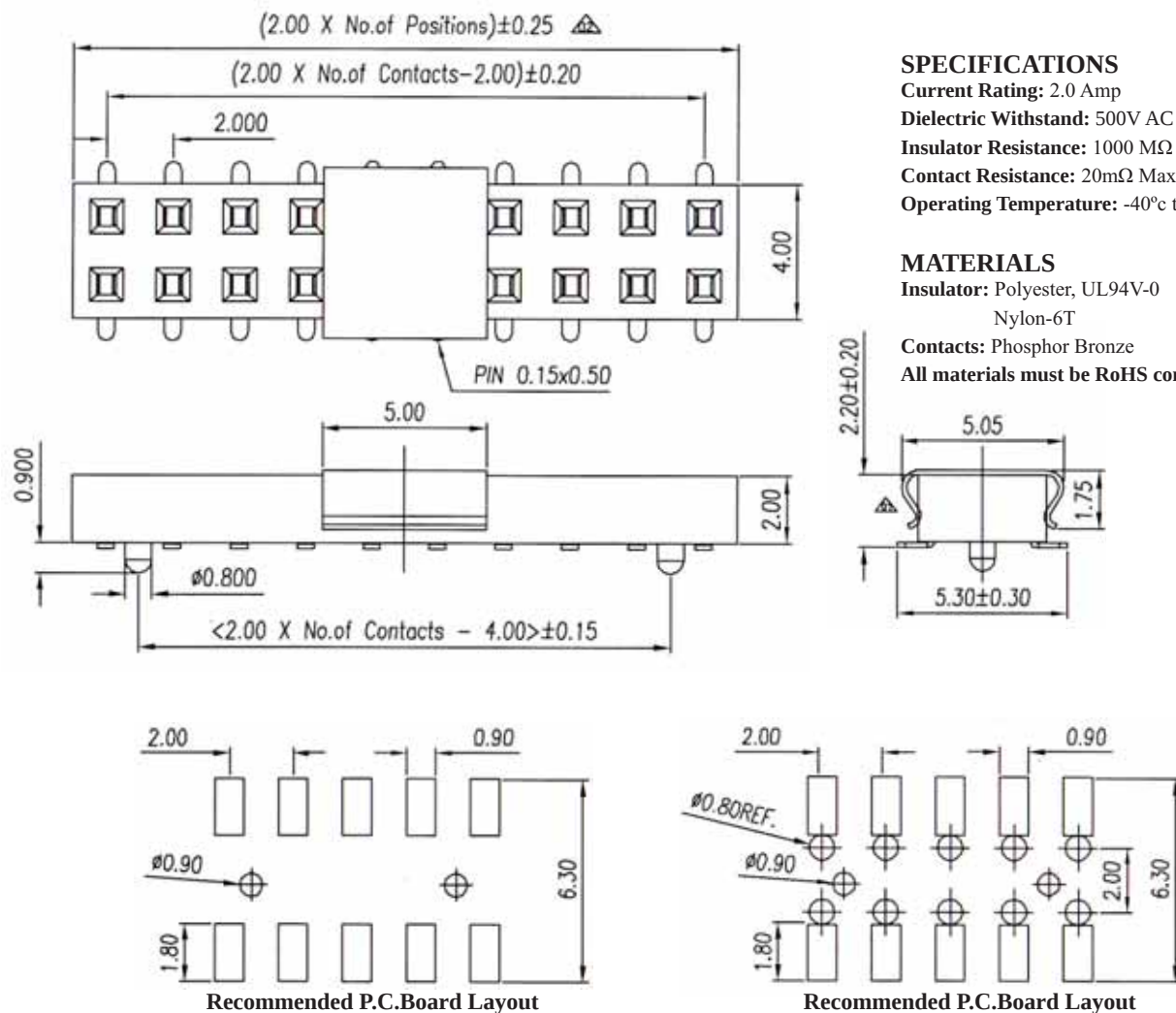
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25B58----	203	25C25----	206	25F11----	181	2652J1----	228	508PA----	315
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25B60----	203	25C27----	206	25F13----	177	2682D6----	243	508PR----	318
25B61----	203	25C28----	206	25F14----	177	2682M1----	245	508PS----	318
25B62----	203	25C29----	206	25F15----	178	2682M4----	246	508WR----	318
25B63----	203	25C30----	206	25F16----	178	2682M7----	246	508WS----	318
25B64----	203	25C31----	206	25F17----	163	2682R6----	243	HT-213----	319
25B65----	203	25C32----	206	25F18----	163	396AM----	295	HT-225D----	319
25B66----	203	25C33----	206	25F19----	149	396AN----	296	HT-236C----	319
25B67----	203	25C34----	206	25F21----	175	396AP----	296	PCBCORE	320
25B68----	203	25C35----	206	25F22----	175	396CF----	306		
25B69----	203	25C36----	206	25F23----	175	396CG----	306		

** 300 ----- 294_xx

2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 M Ω min.

Contact Resistance: 20m Ω Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

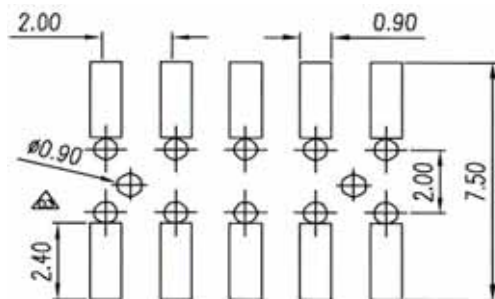
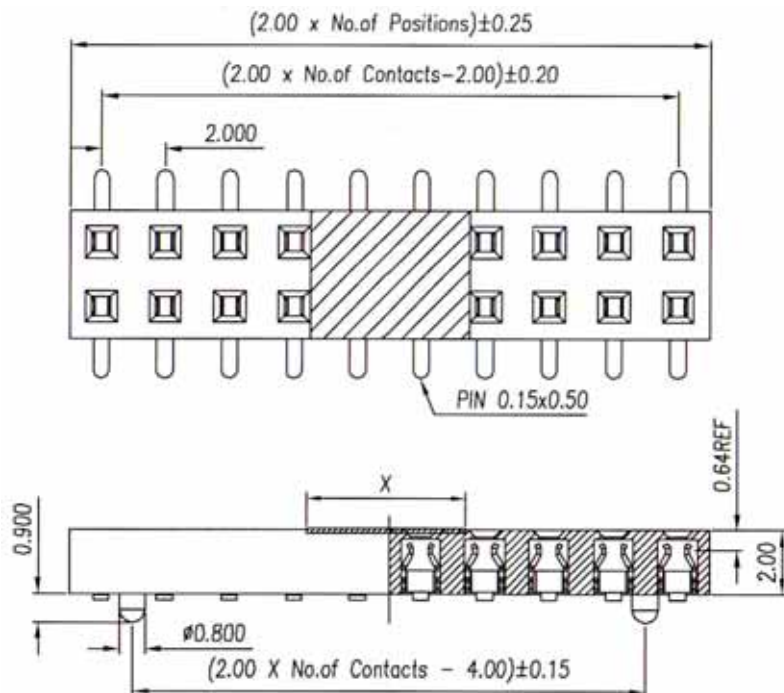
P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"VE" W/O LOCATING PEG
"VF" WITH LOCATING PEG
2. NO. OF CONTACTS:
006 through 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

4. FILM, PAD & 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

2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

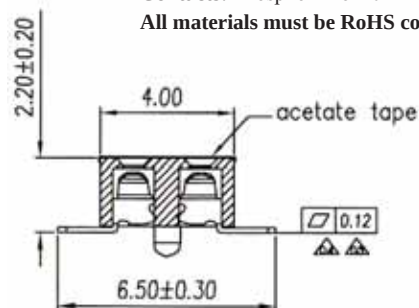
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

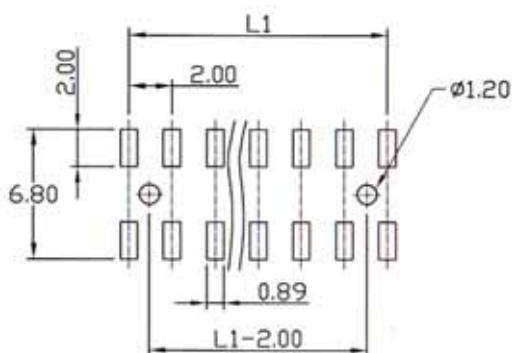
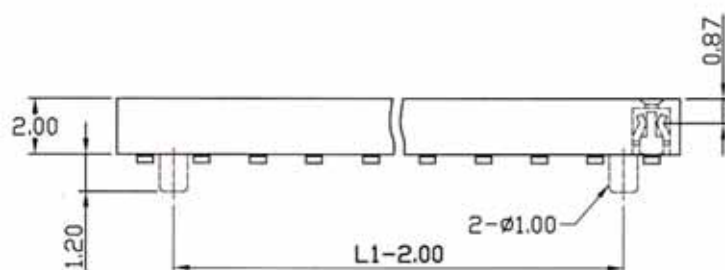
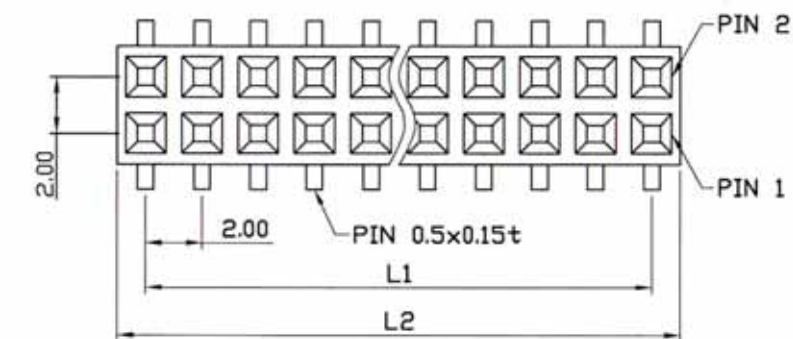
P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"VG" W/O LOCATING PEG
"VH" WITH LOCATING PEG
2. NO. OF CONTACTS:
006 through 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

4. FILM, PAD & 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

2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM



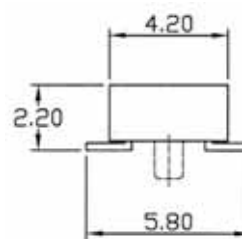
Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp
 Dielectric Withstand: 500V AC
 Insulator Resistance: 1000 MΩ min.
 Contact Resistance: 25mΩ Max.
 Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Polyester, UL94V-0
 Nylon-6T
 Contacts: Phosphor Bronze
 All materials must be RoHS compliant.



DIMENSIONS:

L1 = 2.0 x (No. of Contacts/Row-1)
 L2 = 2.0 x No. of Contacts/Row

ORDERING INFORMATION:

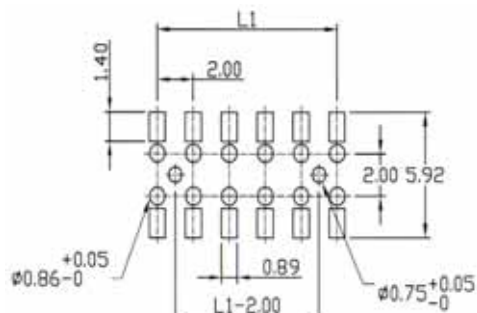
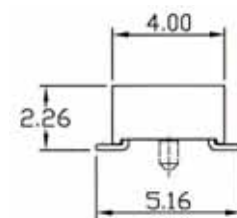
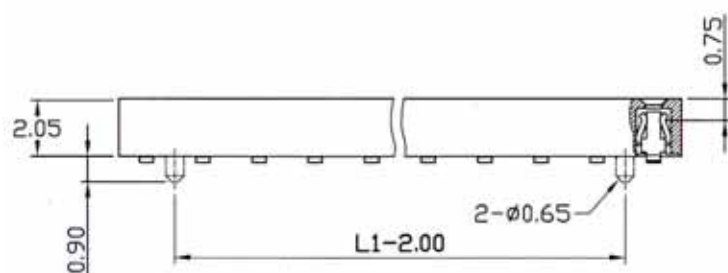
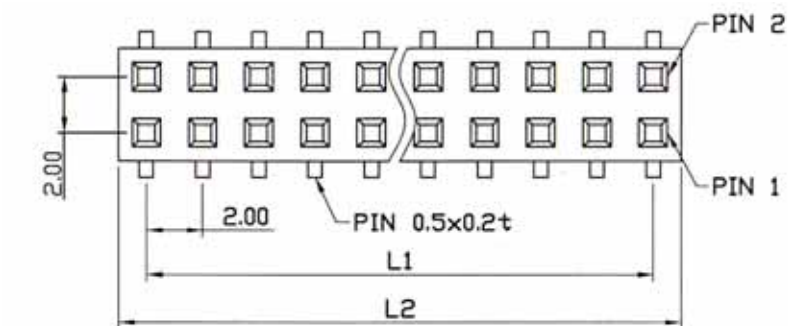
P/N 20 $\frac{N}{1} \frac{x}{2} \frac{x}{3} - \frac{x}{4} \frac{x}{5} \frac{x}{6} \frac{x}{7} \frac{x}{8} \frac{x}{9} B - \frac{x}{4}$

- LOCATING PEG OPTION:
 "N56" WITH LOCATING PEG
 "N57" WITHOUT LOCATING PEG
- NO. OF CONTACTS:
 006 through 080
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED

- 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

2.00MM(0.079") FEMALE HEADER DUAL ENTRY SMT TYPE PROFILE=2.05MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 25mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T
Contacts: Phosphor Bronze
 All materials must be RoHS compliant.

DIMENSIONS:

L1 = 2.0 x No. of Contacts/Row - 2.0
 L2 = 2.0 x No. of Contacts/Row

ORDERING INFORMATION:

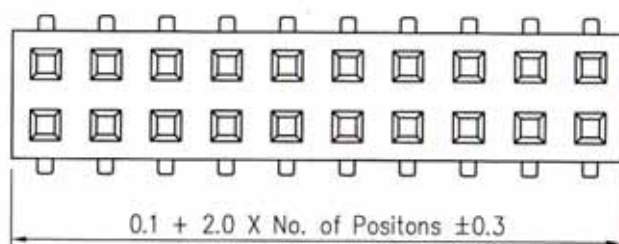
P/N 200 $\frac{x}{1} - \frac{x}{2} \frac{x}{3} \frac{x}{4}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
 "CR" W/O LOCATING PEG
 "CS" WITH LOCATING PEG
2. NO. OF CONTACTS:
 004 through 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

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=2.20MM

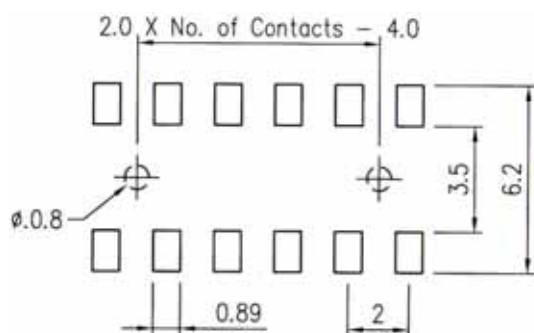
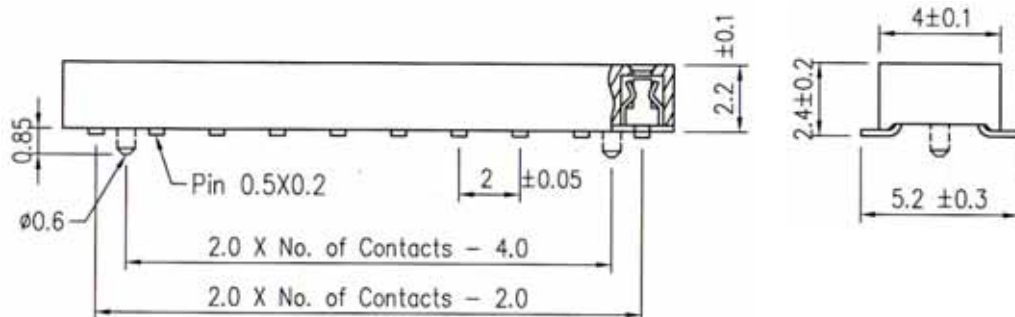


SPECIFICATIONS

Current Rating: 2.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Polyester, UL94V-0
 Nylon-6T
Contacts: Phosphor Bronze
All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

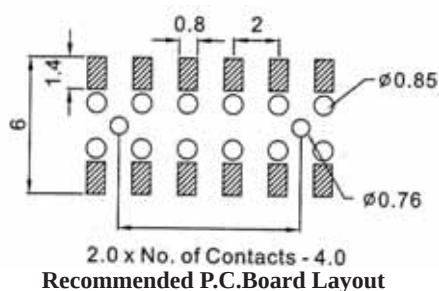
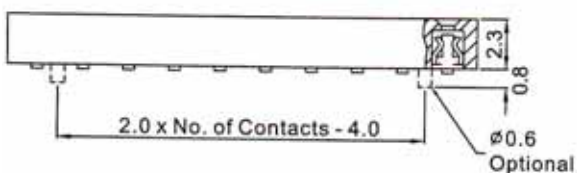
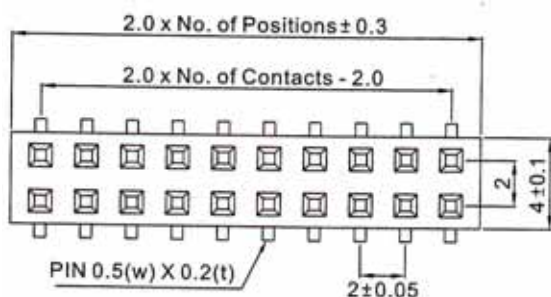
P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"DY" W/O LOCATING PEG
"DZ" WITH LOCATING PEG
2. NO. OF CONTACTS:
006 through 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

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER DUAL ENTRY SMT TYPE PROFILE=2.30MM



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

Max Process Temp: 230°C for 30~60 sec.
(260°C for 10 sec.)

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

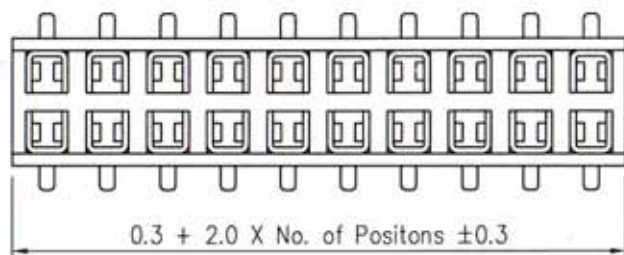
P/N 2 0 $\frac{P \times \times}{1} - \frac{\times \times \times}{2} \frac{\times}{3} B - \frac{\times}{4}$

1. LOCATING PEG OPTION:
"P01" W/O LOCATING PEG
"P06" WITH LOCATING PEG
2. NO. OF CONTACTS:
006 through 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 TPAE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER DUAL ENTRY SMT TYPE PROFILE=2.70MM



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

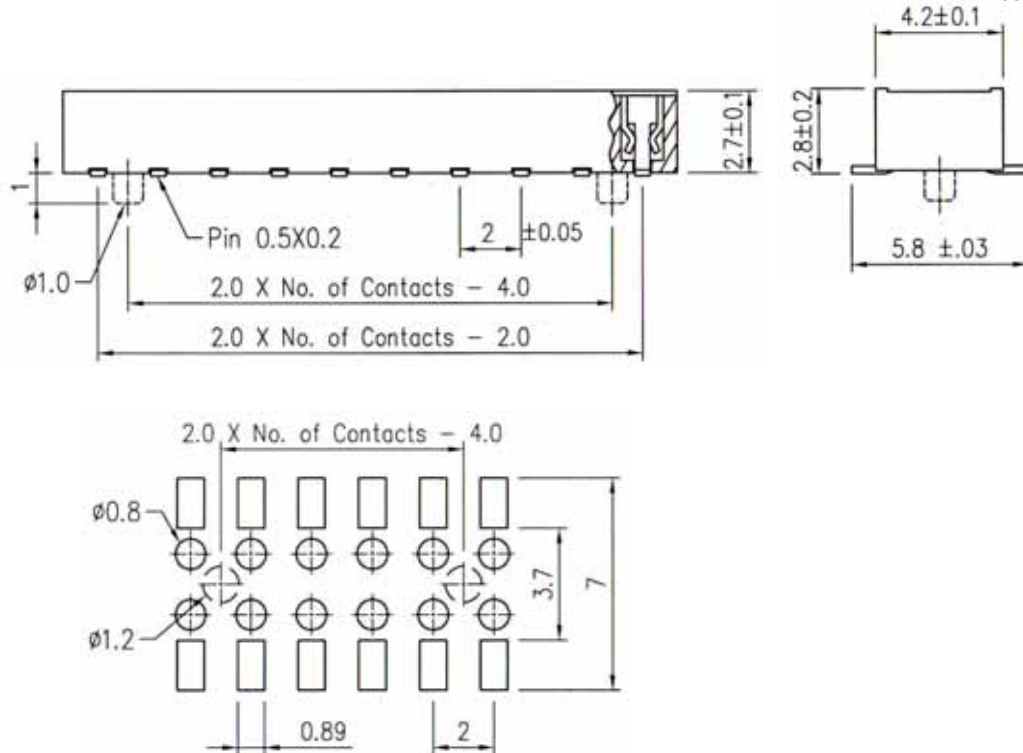
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

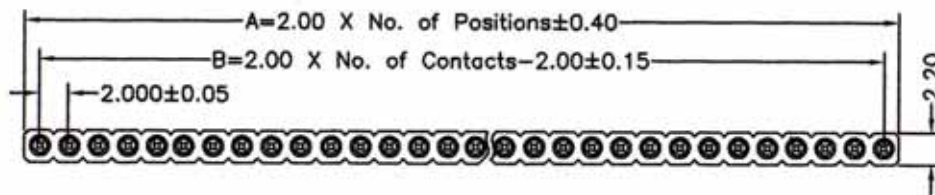
P/N 2 0 0 $\frac{x}{1}x - \frac{x}{2}x \frac{x}{3} B - \frac{x}{4}$

1. LOCATING PEG OPTION:
"FR" W/O LOCATING PEG
"FS" WITH LOCATING PEG
2. NO. OF CONTACTS:
006 through 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

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") SIP SOCKET WITH SCREW MACHNIED CONTACTS

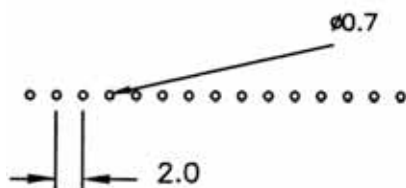
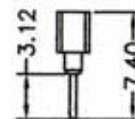
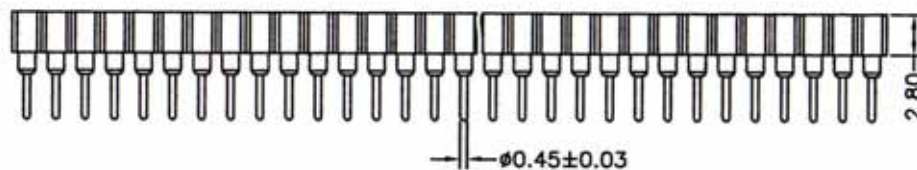


SPECIFICATIONS

Current Rating: 3.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Polyester, UL94V-0
 P.B.T
Contacts: Phosphor Bronze
All materials must be RoHS compliant.



Recommended P.C.Board Layout

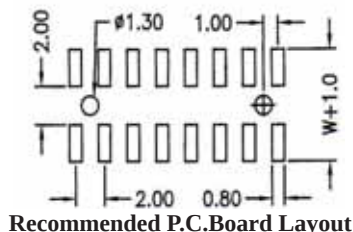
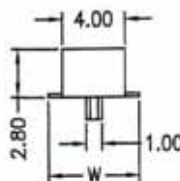
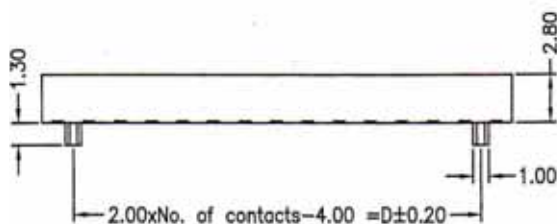
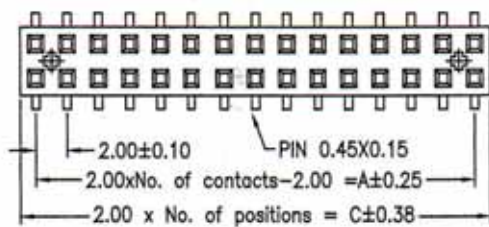
ORDERING INFORMATION:

P/N 20 M xx - xx xx xx B

1 2 3

1. TERMINAL TYPE:
"M99" SINGLE ROW
2. NO. OF CONTACTS:
001 through 040
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED

2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=2.80MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

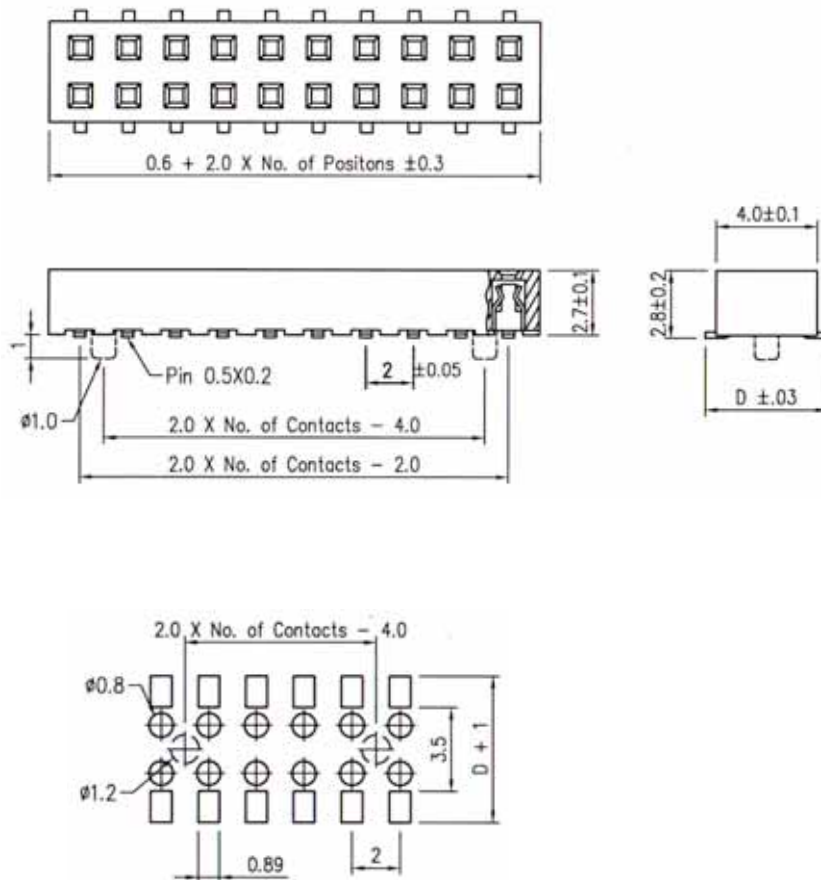
P/N 2 0 0 $\frac{x}{1} \frac{x}{2} - \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{x}{6} B - \frac{x}{7}$

1. LOCATING PEG OPTION:
"EG" W/O LOCATING PEG
"EK" WITH LOCATING PEG
2. NO. OF CONTACTS:
006 through 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 TPAAE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER DUAL ENTRY SMT TYPE PROFILE=2.80MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 200 $\frac{xx}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. TERMINAL TYPE:

"CV" D= 5.10mm W/O LOCATING PEG
 "CW" D= 5.10mm WITH LOCATING PEG
 "CX" D= 6.15mm W/O LOCATING PEG
 "CY" D= 6.15mm WITH LOCATING PEG

2. NO. OF CONTACTS:

006 through 080

3. CONTACT FINISH:

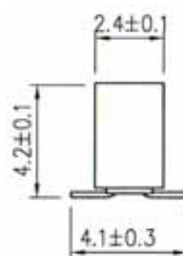
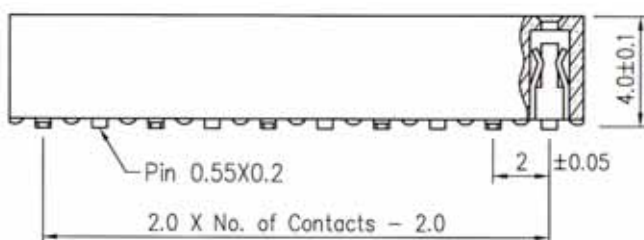
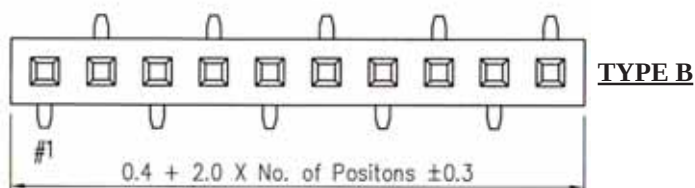
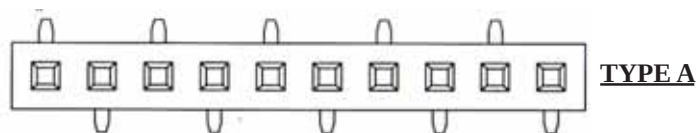
"G" FULL GOLD PLATED
 "T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

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

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=4.00MM



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

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

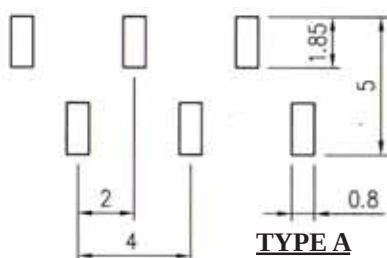
MATERIALS

Insulator: Thermoplastic, UL94V-0

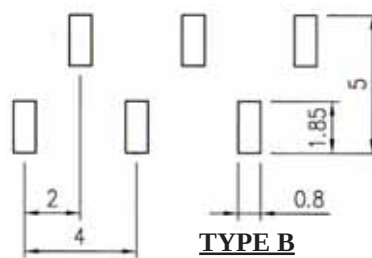
Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 20 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. PCB LAYOUT TYPE:

"N61" TYPE A

"N62" TYPE B

2. NO. OF CONTACTS:

003 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

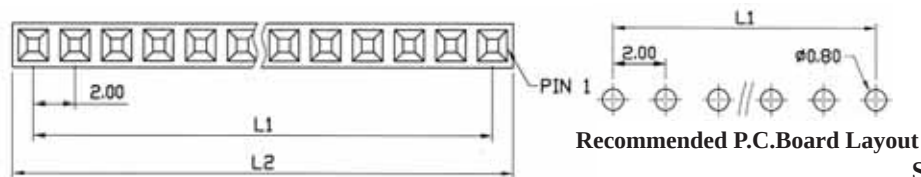
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER WITH DUAL BEAM FOLDED CONTACTS PROFILE=4.00MM

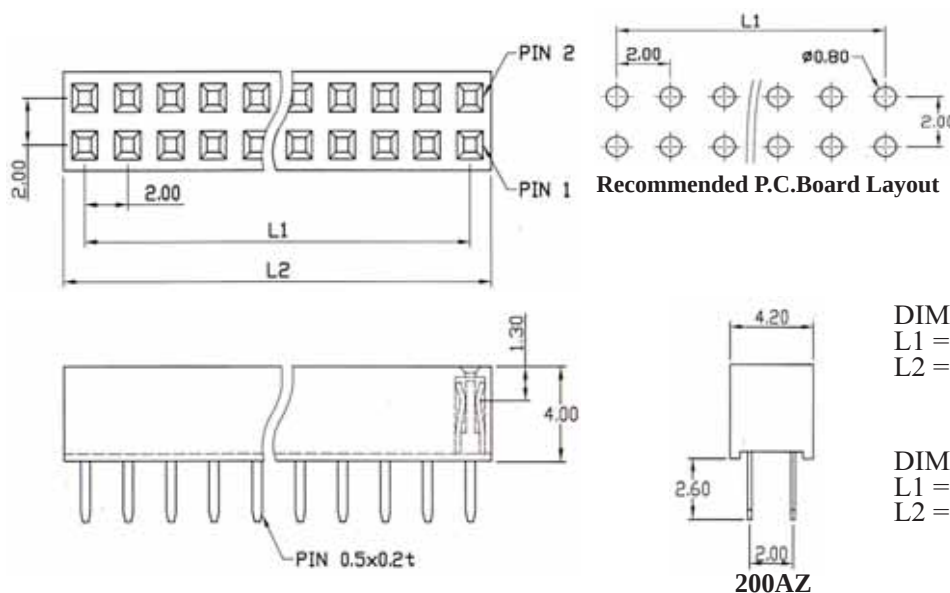
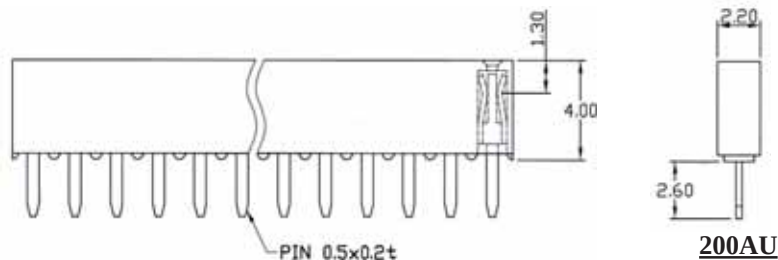


SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 25mΩ Max.
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T
Contacts: Phosphor Bronze
 All materials must be RoHS compliant.



DIMENSIONS: **200AU**

L1 = 2.0 x (No. of Contacts/Row - 1)
 L2 = 2.0 x No. of Contacts/Row + 0.5

DIMENSIONS: **200AZ**

L1 = 2.0 x (No. of Contacts/Row - 1)
 L2 = 2.0 x No. of Contacts/Row

ORDERING INFORMATION:

P/N 2 0 0 $\frac{xx}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. NO. OF ROWS:

"AU" SINGLE ROW
 "AZ" DOUBLE ROW

2. NO. OF CONTACTS:

003 through 040 for SINGLE ROW
 004 through 080 for DOUBLE ROW

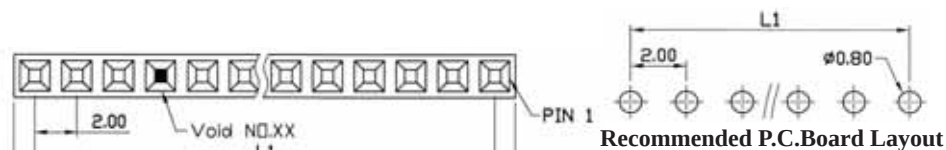
3. CONTACT FINISH:

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

4. PACKAGE OPTION:

"0" BULK PACKAGE
 "T" W/O PAD IN TUBE

2.00MM(0.079") FEMALE HEADER WITH VOID PIN POSITION PROFILE=4.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

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

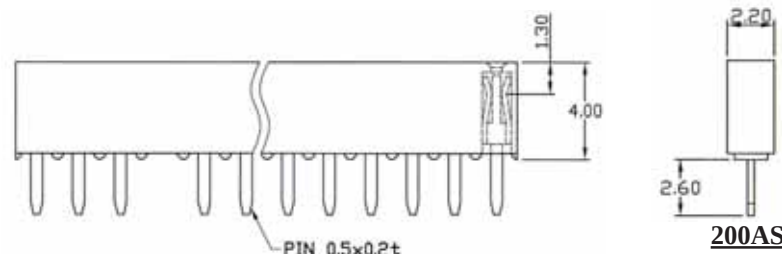
MATERIALS

Insulator: Thermoplastic, UL94V-0

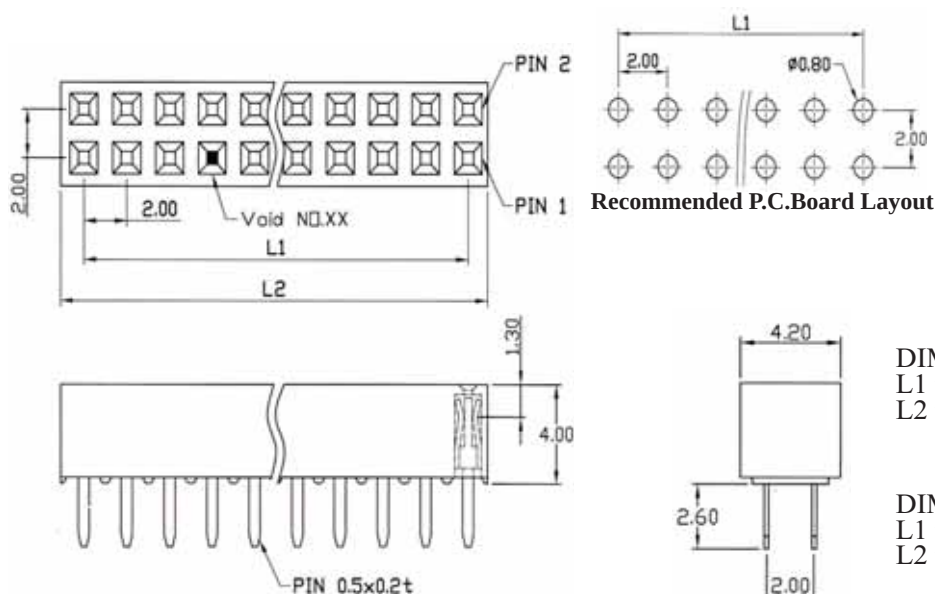
Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



200AS



Recommended P.C.Board Layout

DIMENSIONS: 200AS

L1 = 2.0 x (No. of Contacts/Row - 1)

L2 = 2.0 x No. of Contacts/Row + 0.5

DIMENSIONS: 200AD

L1 = 2.0 x No. of Contacts/Row - 2.0

L2 = 2.0 x No. of Contacts/Row

200AD

ORDERING INFORMATION:

P/N 2 0 0 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B - $\frac{XX}{4}$

1. NO. OF ROWS:

"AS" SINGLE ROW

"AD" DOUBLE ROW

2. NO. OF CONTACTS:

003 through 040 for SINGLE ROW

004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

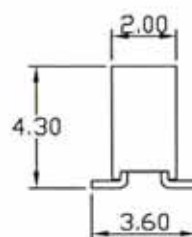
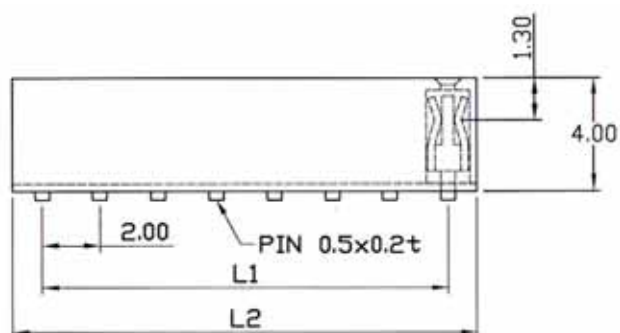
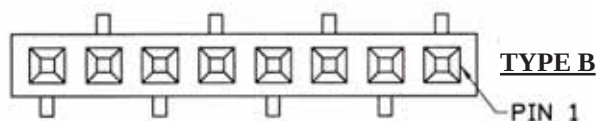
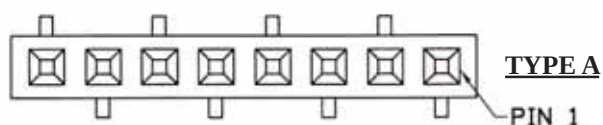
"T" FULL TIN PLATED

4. VOID PIN POSITION NO.:

01 through 40 for SINGLE ROW

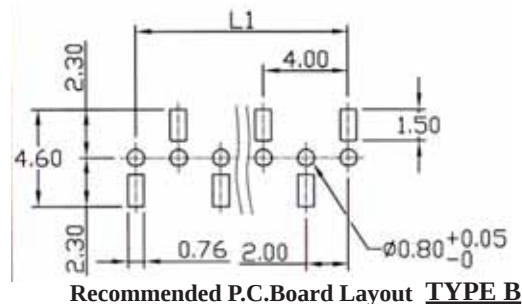
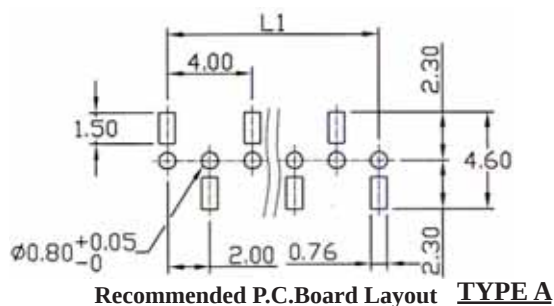
01 through 80 for DOUBLE ROW

2.00MM(0.079") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=4.00MM



DIMENSIONS:

L1 = 2.0 x (No. of Contacts/Row-1)
L2 = 2.0 x No. of Contacts/Row + 0.5



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. PCB LAYOUT TYPE:

"DA" TYPE A

"DE" TYPE B

2. NO. OF CONTACTS:

003 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

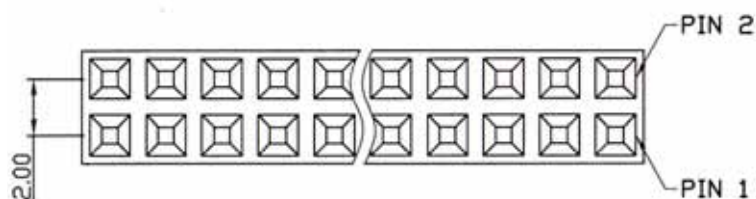
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER STRADDLE TYPE PROFILE=4.00MM

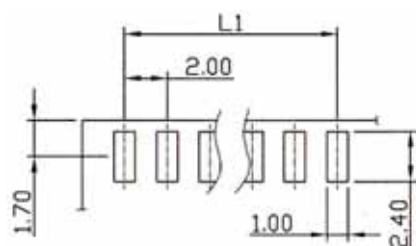
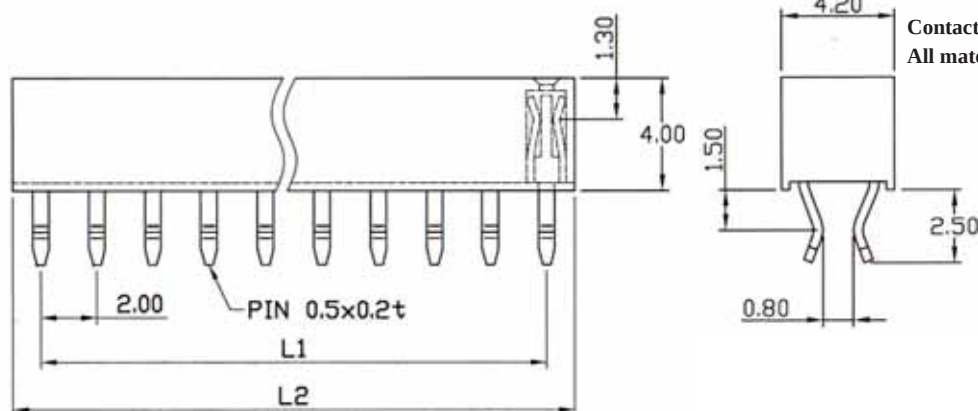


SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 25mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T
Contacts: Phosphor Bronze
All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

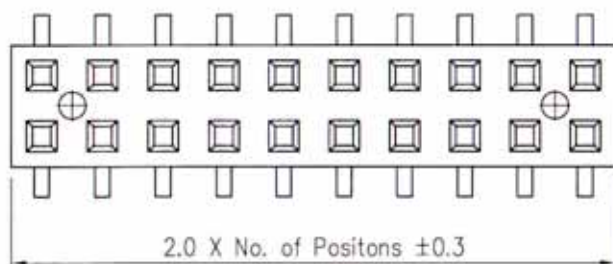
L1 = 2.0 x (No. of Contacts/Row-1)
 L2 = 2.0 x No. of Contacts/Row + 0.3

ORDERING INFORMATION:

P/N 200 SE - xxx xx B

1. CONNECTOR TYPE:
"SE" FOR 1.20MM PCB
2. NO. OF CONTACTS:
004 through 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=4.00MM



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

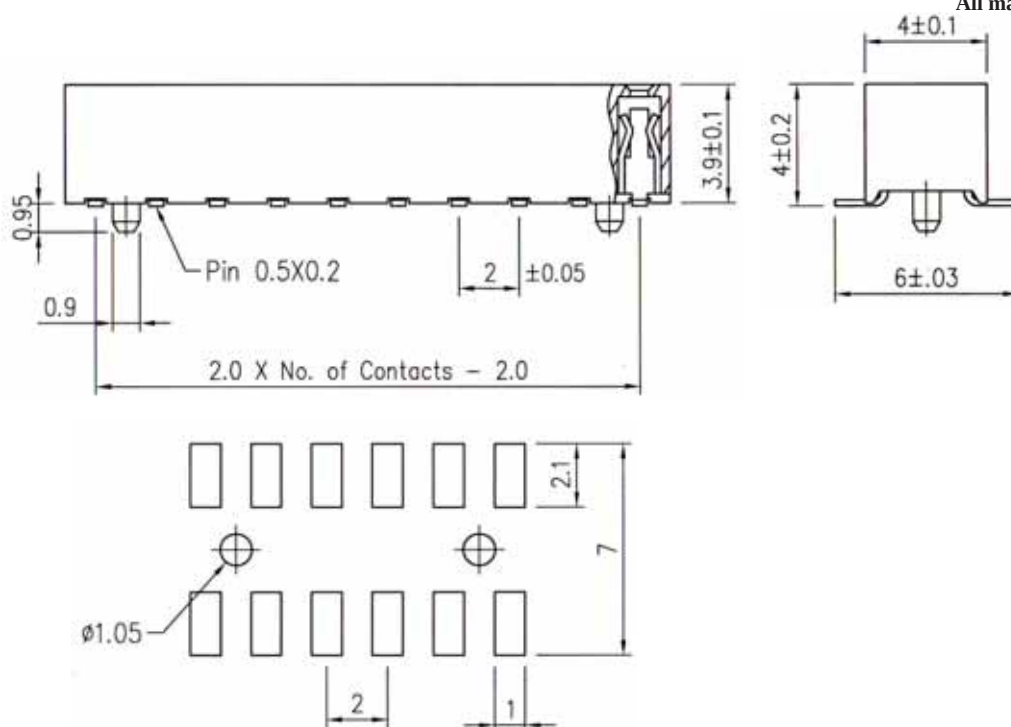
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

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

1. PROFILE & LOCATING PEG OPTION:

"FW" W/O LOCATING PEG
"FV" WITH LOCATING PEG

2. NO. OF CONTACTS:

006 through 080

3. CONTACT FINISH:

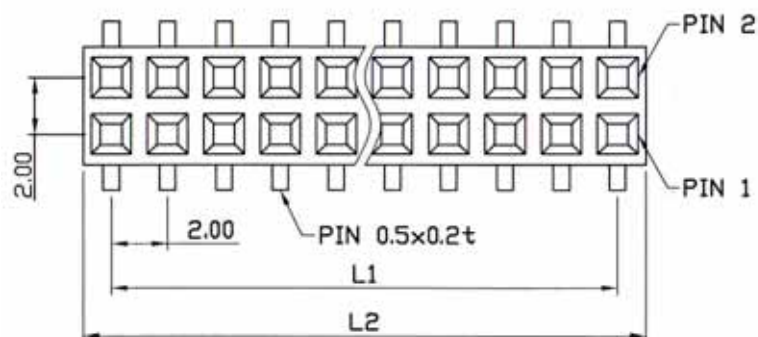
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

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

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER DUAL ENTRY SMT TYPE PROFILE=4.00MM

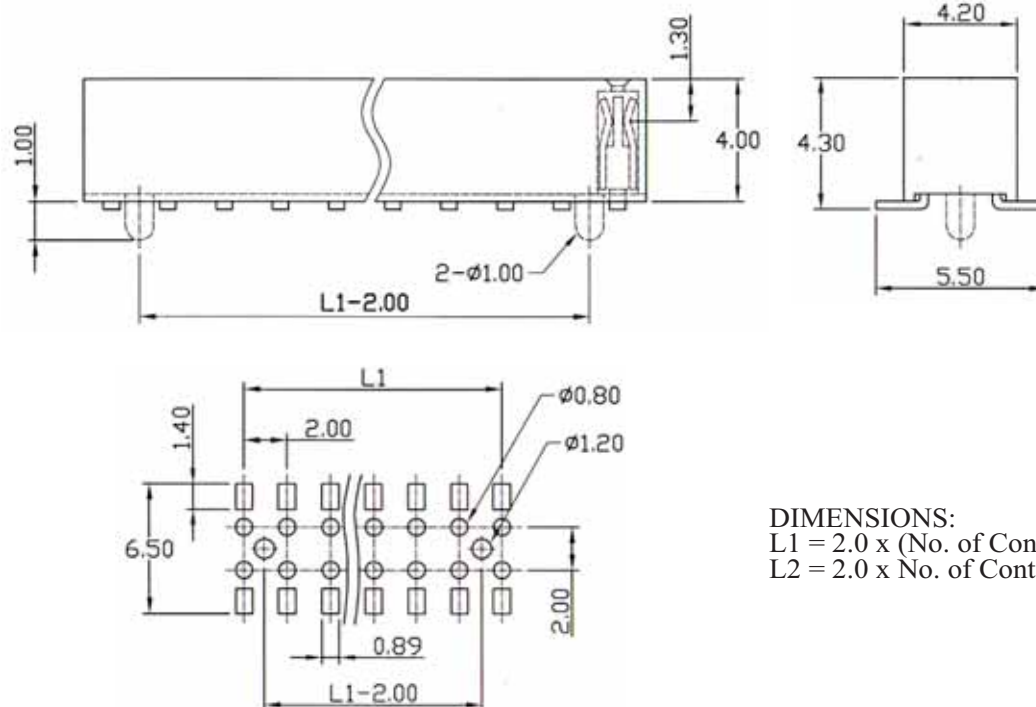


SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 25mΩ Max.
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T
Contacts: Phosphor Bronze
All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

L1 = 2.0 x (No. of Contacts/Row-1)
 L2 = 2.0 x No. of Contacts/Row + 0.5

ORDERING INFORMATION:

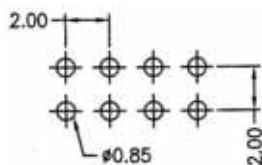
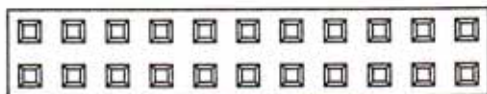
P/N 2 0 0 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"CM" W/O LOCATING PEG
"CN" WITH LOCATING PEG
2. NO. OF CONTACTS:
004 through 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

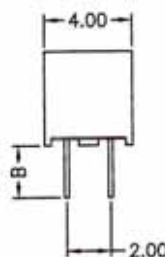
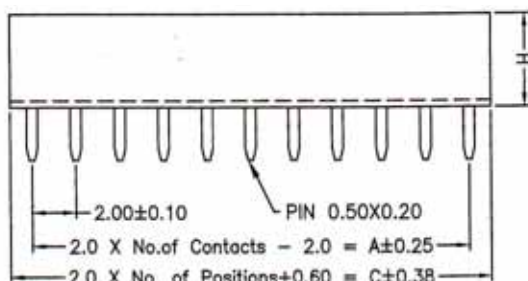
4. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER WITH DUAL BEAM FOLDED CONTACTS PROFILE=4.00MM / 4.30MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

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

1. PROFILE(H) & PIN LENGTH(B):

"GC" H/B= 4.00/2.4mm

"GA" H/B= 4.00/2.6mm

"GB" H/B= 4.00/2.8mm

"GD" H/B= 4.30/2.6mm

"GG" H/B= 4.30/2.4mm

"GM" H/B= 4.30/2.8mm

"GN" H/B= 4.30/1.6mm

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

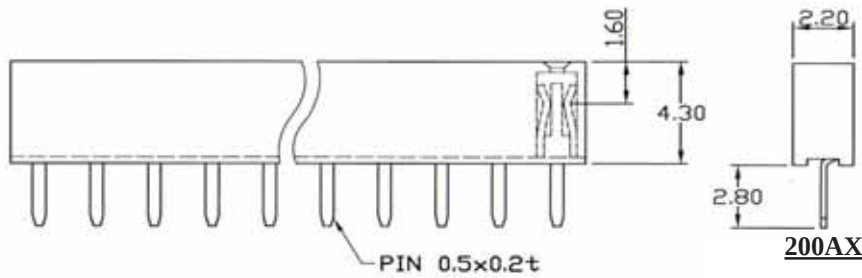
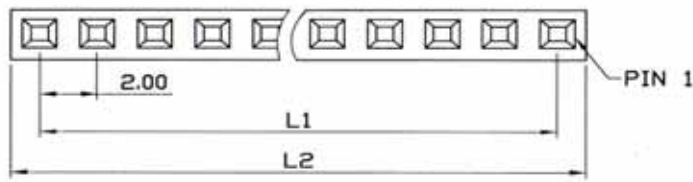
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER WITH DUAL BEAM FOLDED CONTACTS PROFILE=4.30MM

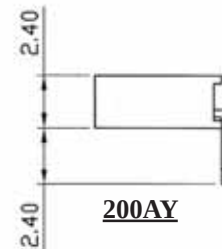
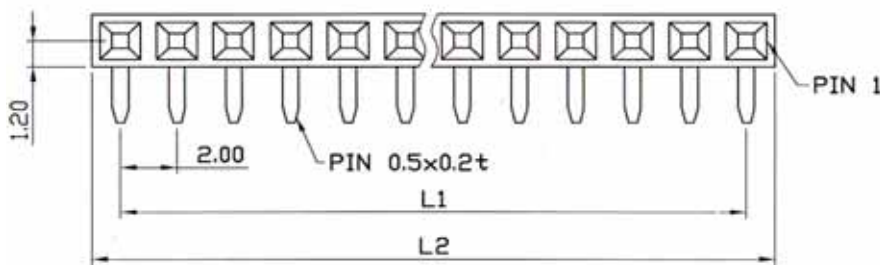
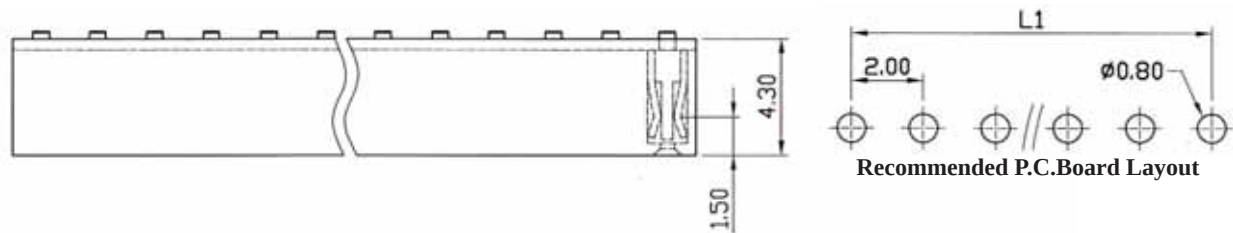


SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 25mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
Nylon-6T
Contacts: Phosphor Bronze
All materials must be RoHS compliant.



DIMENSIONS:

L1 = 2.0 x (No. of Contacts/Row - 1)
L2 = 2.0 x No. of Contacts/Row + 0.5

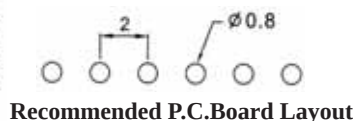
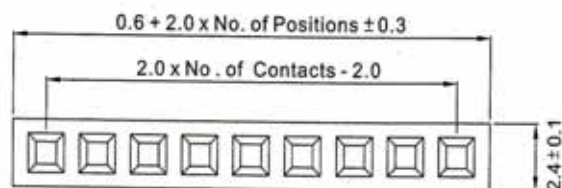
ORDERING INFORMATION:

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

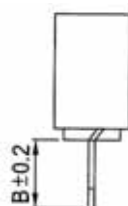
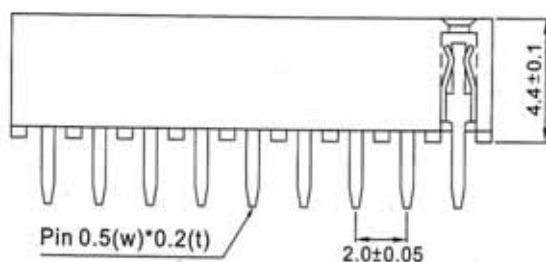
1. TERMINAL TYPE:
"AX" STRAIGHT TYPE
"AY" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 through 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

4. PACKAGE OPTION:
"0" BULK PACKAGE
"T" W/O PAD IN TUBE

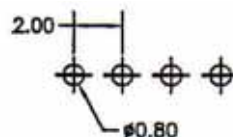
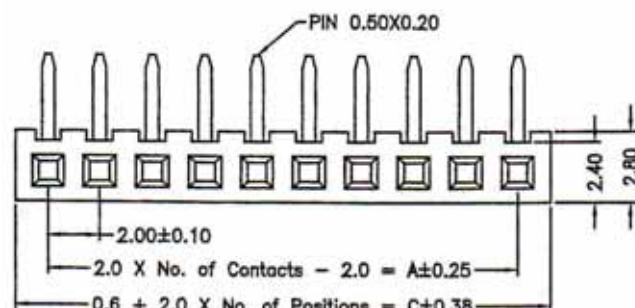
2.00MM(0.079") FEMALE HEADER SINGLE ROW DIP TYPE PROFILE=4.30MM



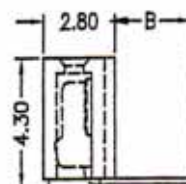
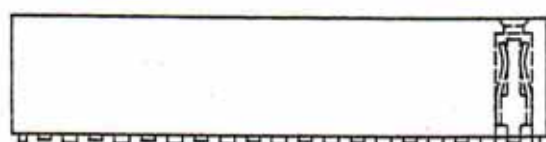
Recommended P.C.Board Layout



2.00FA, 2.00FJ



Recommended P.C.Board Layout



2.00FC, 2.00FU

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

Max Process Temp: 230°C for 30~60 Sec.

(260°C for 10 Seconds)

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

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

1. PIN LENGTH & TERMINAL TYPE:

"FA" B=2.4mm STRAIGHT TYPE

"FJ" B=2.8mm STRAIGHT TYPE

"FC" B=3.0mm RIGHT ANGLE TYPE

"FU" B=2.4mm RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 through 040

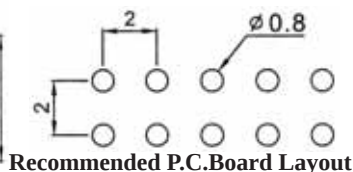
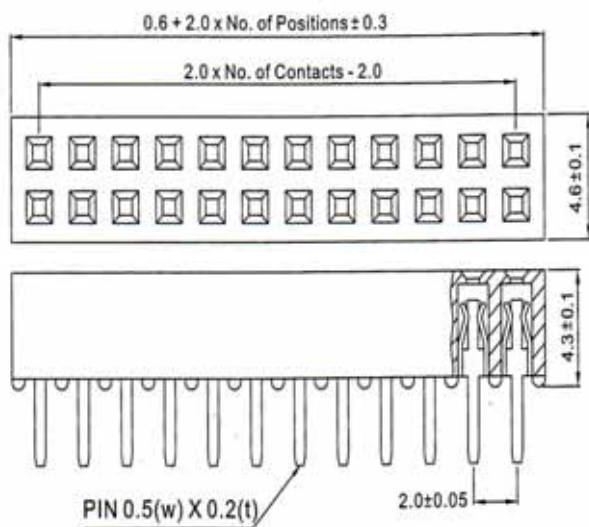
3. CONTACT FINISH:

"G" FULL GOLD PLATED

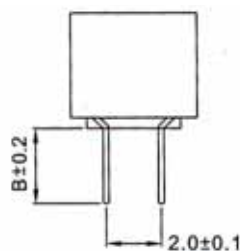
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

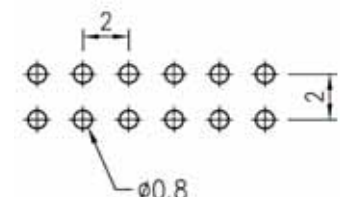
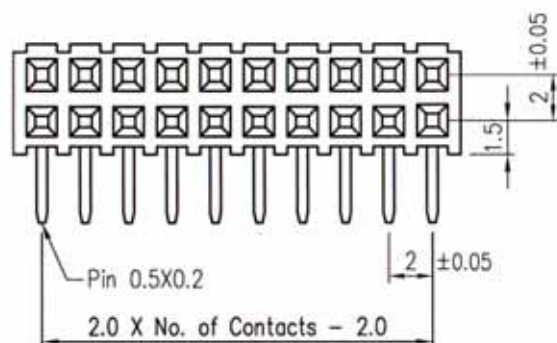
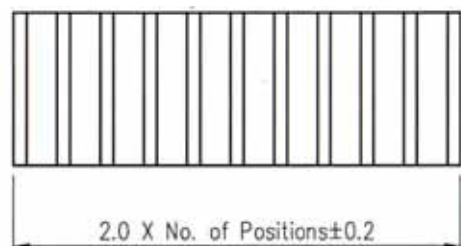
2.00MM(0.079") FEMALE HEADER DOUBLE ROW DIP TYPE PROFILE=4.30MM



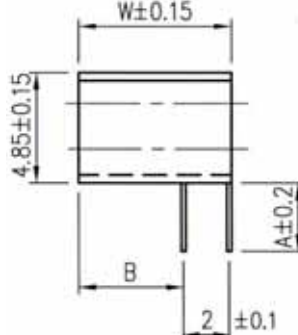
Recommended P.C.Board Layout



200FB / 200FP



Recommended P.C.Board Layout



200FD / 200EN / 200FQ

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

Max Process Temp: 230°C for 30-60 sec.
(260°C for 10 sec.)

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B

1. PIN LENGTH & TERMINAL TYPE:

"FB" B= 2.4mm STRAIGHT TYPE

"FP" B= 2.8mm STRAIGHT TYPE

"FD" W/A/B= 7.2/3.0/5.1mm RIGHT ANGLE TYPE

"EN" W/A/B= 7.2/2.7/5.1mm RIGHT ANGLE TYPE

"FQ" W/A/B= 6.7/2.8/4.6mm RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

004 through 080

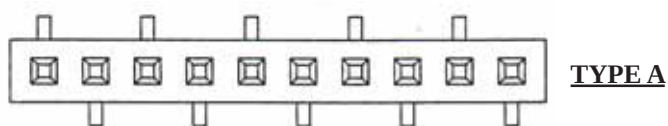
3. CONTACT FINISH:

"G" FULL GOLD PLATED

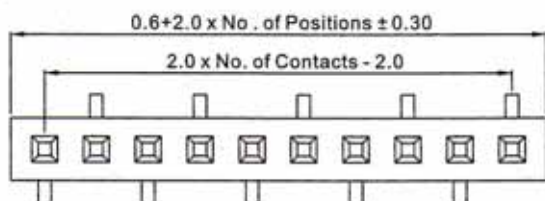
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

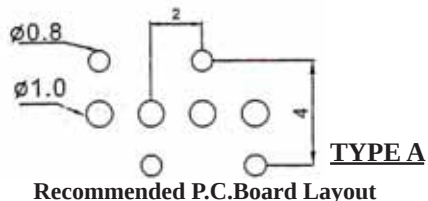
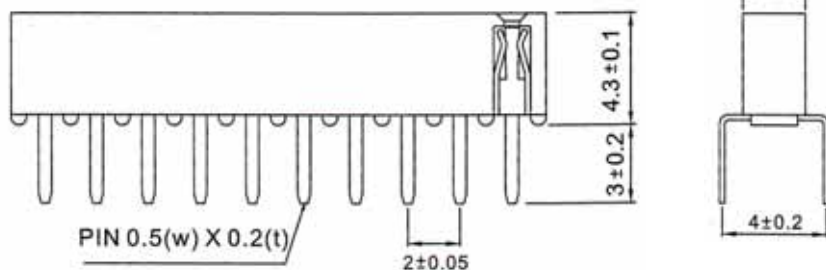
2.00MM(0.079") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=4.30MM



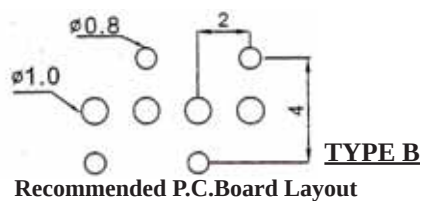
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

Max Process Temp: 230°C for 30~60 sec.
(260°C for 10 sec.)

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

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

1. PCB LAYOUT TYPE:

"CK" TYPE A

"CL" TYPE B

2. NO. OF CONTACTS:

004 through 040

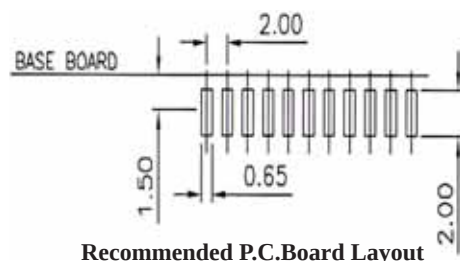
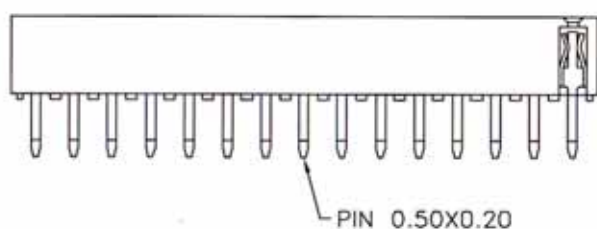
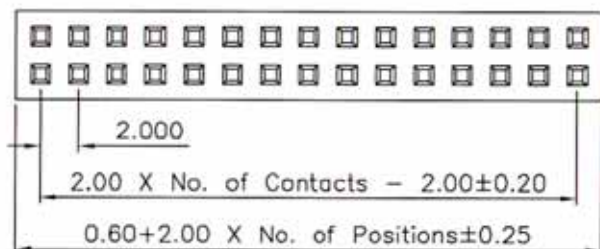
3. CONTACT FINISH:

"G" FULL GOLD PLATED

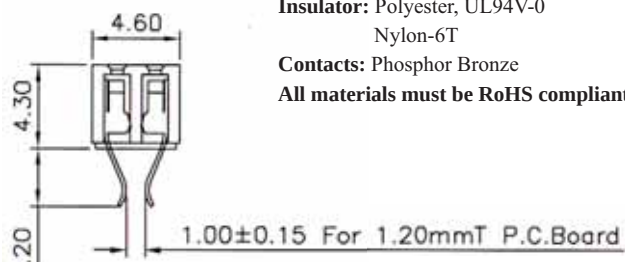
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") FEMALE HEADER STRADDLE TYPE PROFILE=4.30MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 20N60 - $\frac{x}{1} \frac{x}{2} \frac{x}{3} B - \frac{x}{3}$

1. NO. OF CONTACTS:

006 through 080

2. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

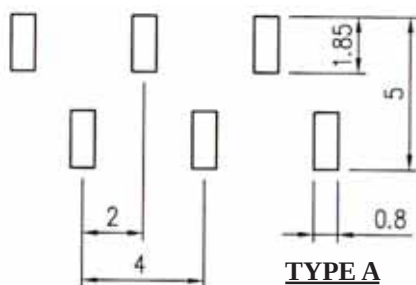
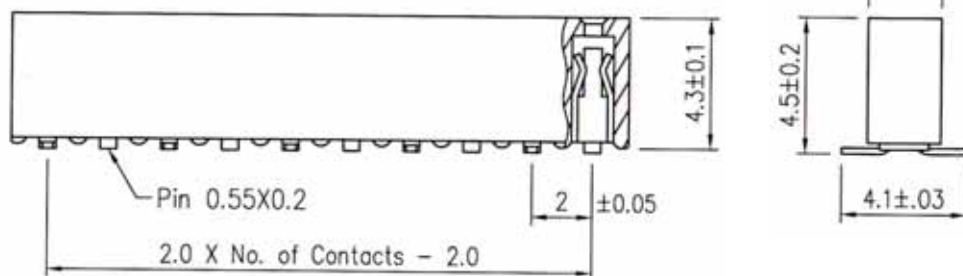
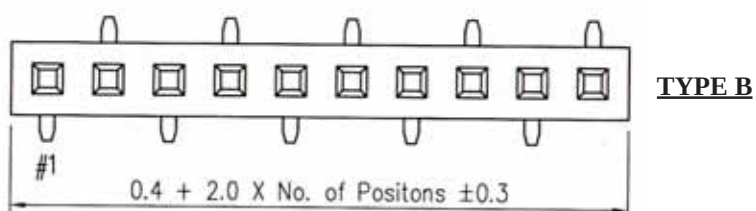
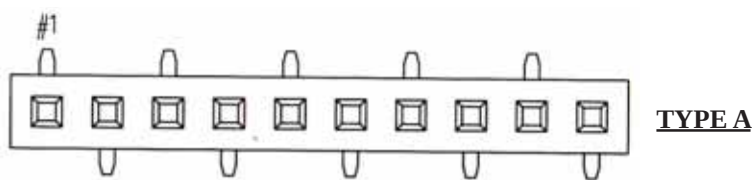
"T" FULL TIN PLATED

3. PACKAGE OPTION:

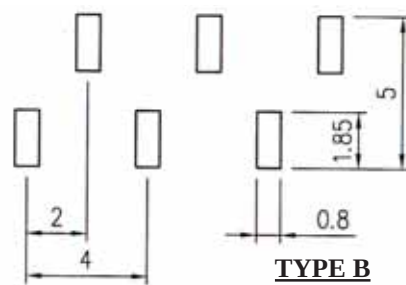
"0" BULK PACKAGE

"T" W/O PAD IN TUBE

2.00MM(0.079") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=4.30MM



Recommended P.C.Board Layout



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 200 $\frac{x}{1} - \frac{x}{2} \frac{x}{3} B - \frac{x}{4}$

1. PCB LAYOUT TYPE:

"CP" TYPE A

"CQ" TYPE B

2. NO. OF CONTACTS:

003 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

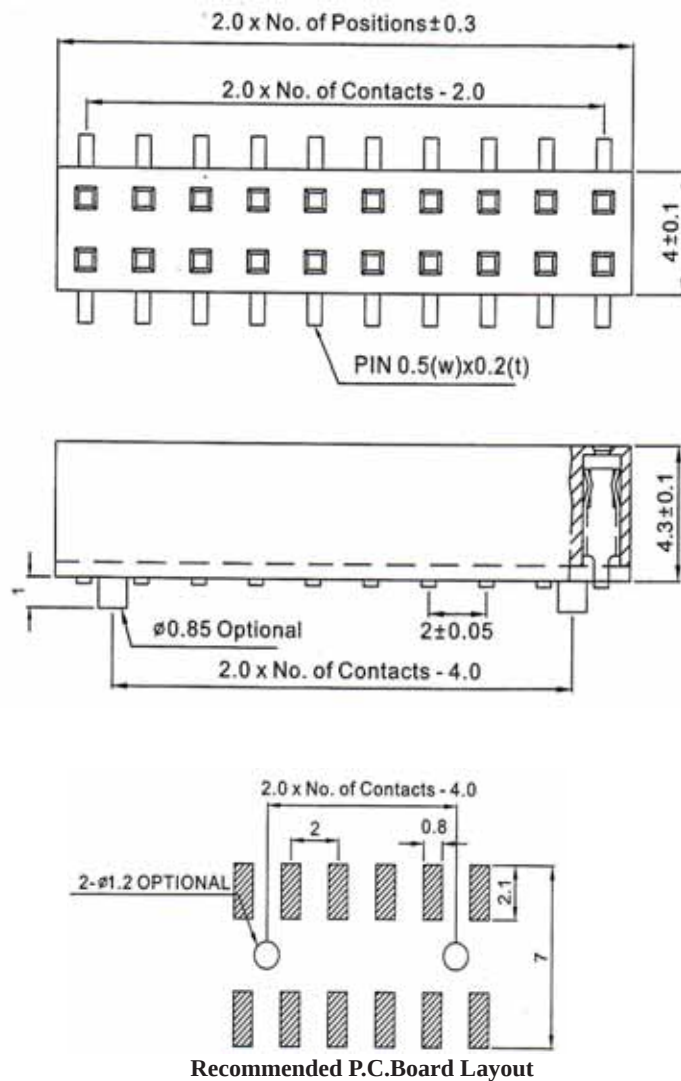
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=4.30MM



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

Max Process Temp: 230°C for 30~60 sec.
(260°C for 10 sec.)

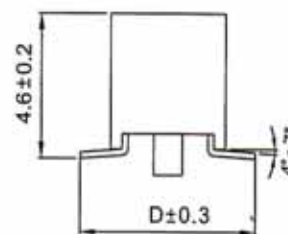
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:

"VA" D= 6.2mm W/O LOCATING PEG

"VB" D= 6.2mm WITH LOCATING PEG

"VC" D= 6.8mm W/O LOCATING PEG

"VD" D= 6.8mm WITH LOCATING PEG

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

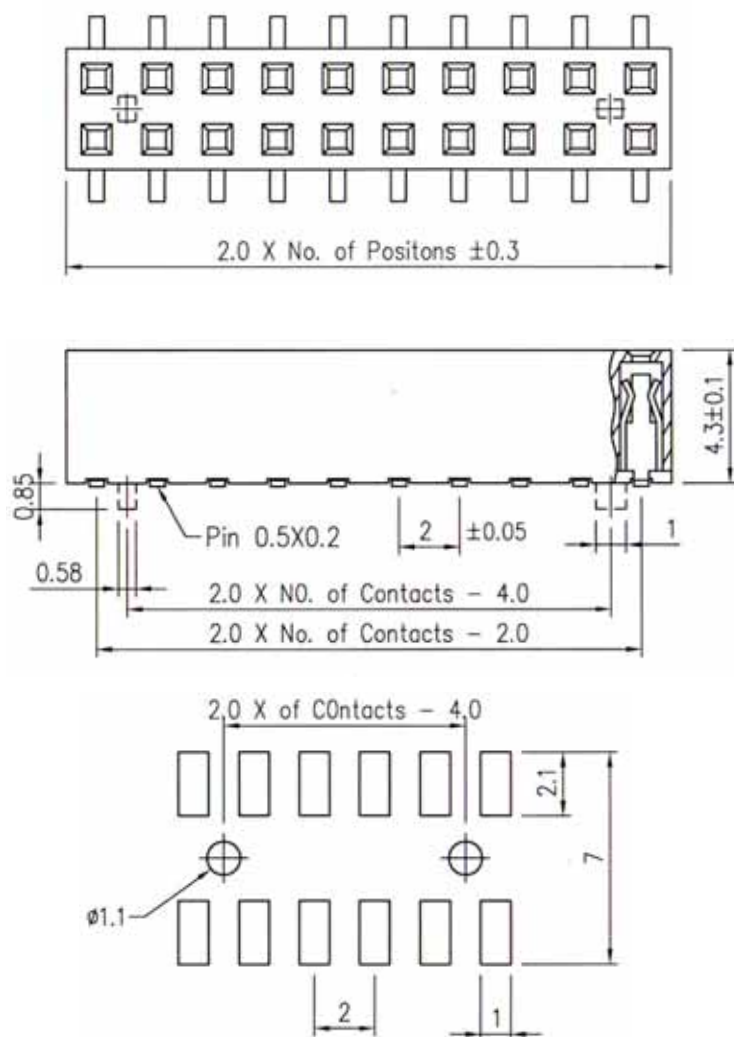
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=4.30MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

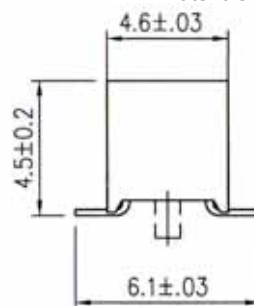
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

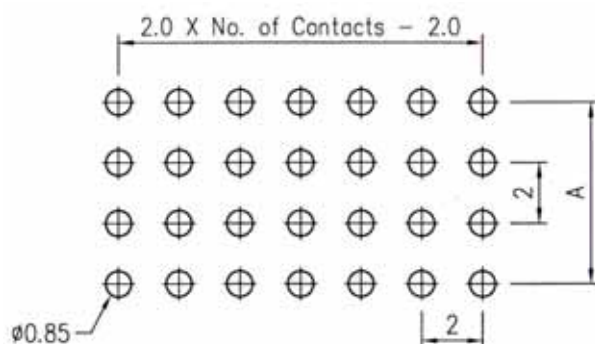
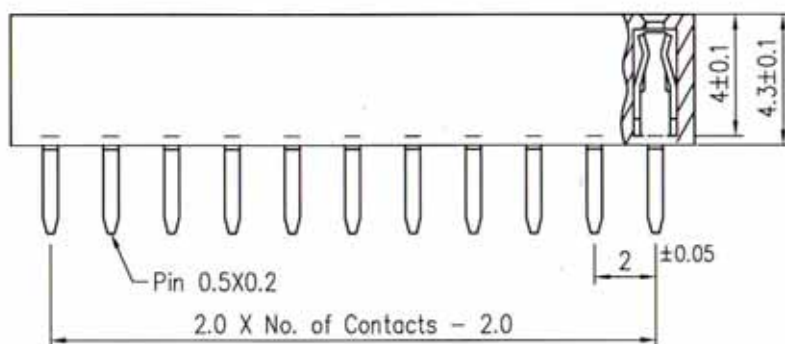
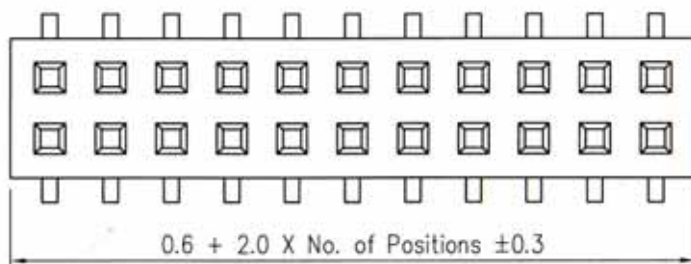
P/N 2 0 0 $\frac{x}{1} \frac{x}{2} - \frac{x}{3} \frac{x}{4} B - \frac{x}{4}$

1. LOCATING PEG OPTION:
"KX" W/O LOCATING PEG
"KZ" WITH LOCATING PEG
2. NO. OF CONTACTS:
006 through 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

NOTE: PAD = Pick & place pad

2.00MM(0.079") FEMALE HEADER DUAL ENTRY TYPE PROFILE=4.30MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

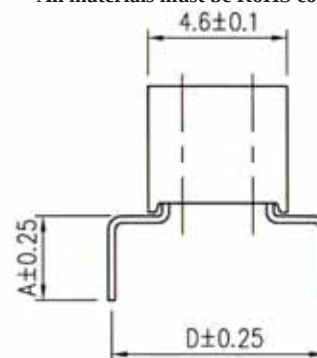
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 0 0 1 2 3 B

1. SPACING OPTION:

"FF" A/D= 3.4/5.0mm

"FG" A/D= 3.0/6.0mm

2. NO. OF CONTACTS:

004 through 080

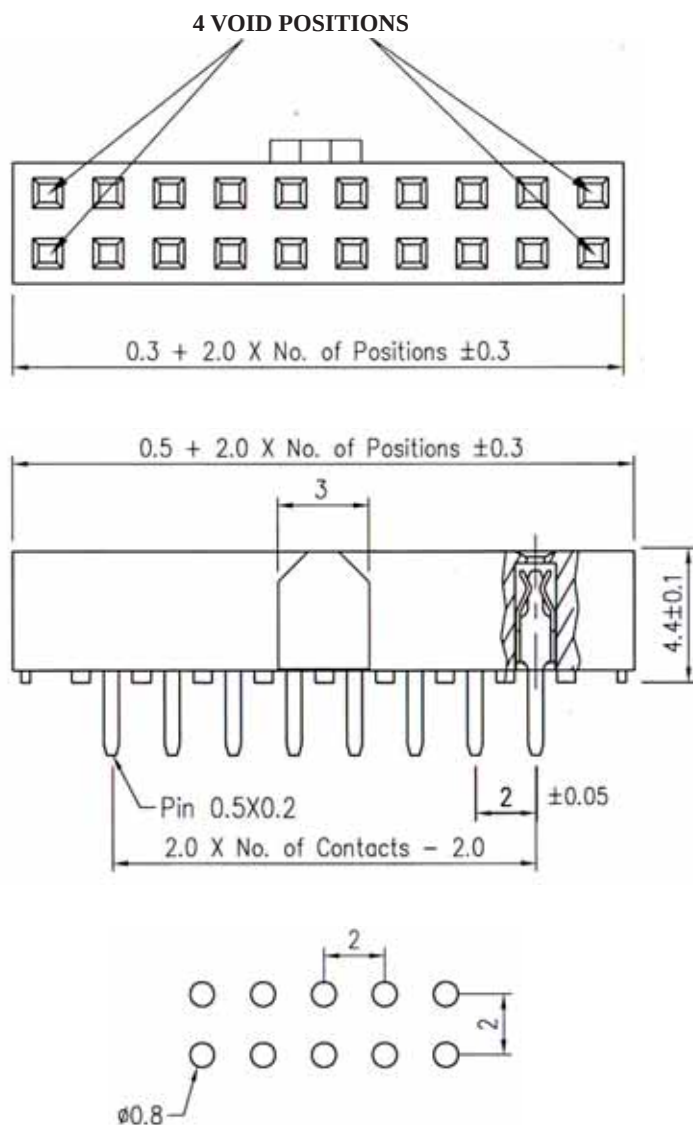
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") FEMALE HEADER WITH POLARIZATION NOTCH PROFILE=4.40MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

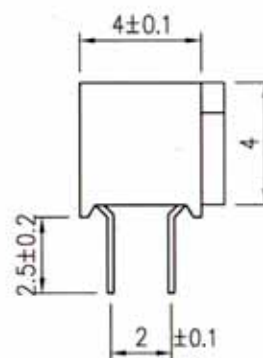
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

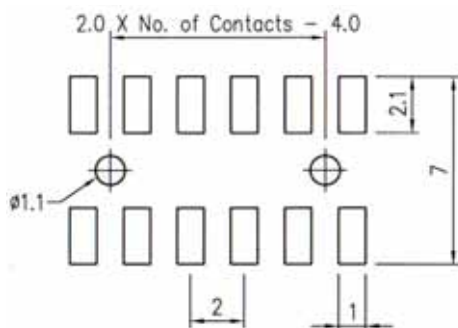
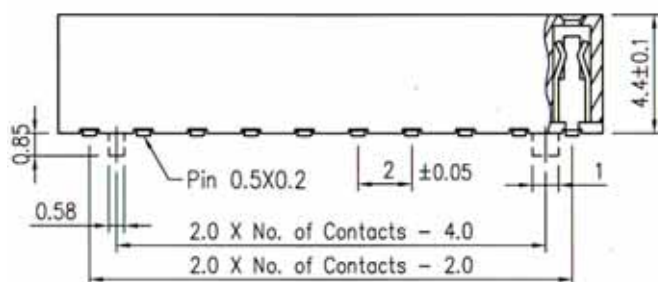
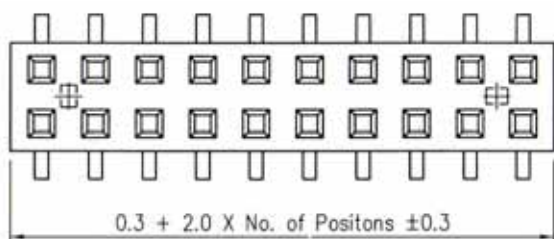


ORDERING INFORMATION:

P/N 200 C J - x x x x B
 1 2 3

1. CONNECTOR TYPE:
"CJ" WITH 4 VOID POSITIONS
2. NO. OF CONTACTS:
004 through 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=4.40MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

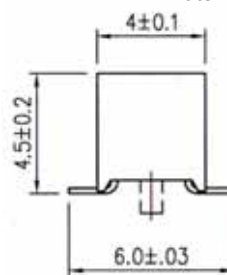
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

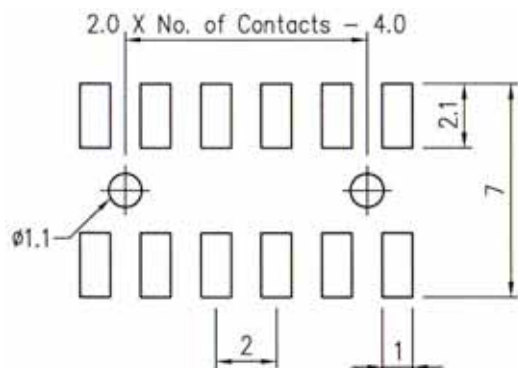
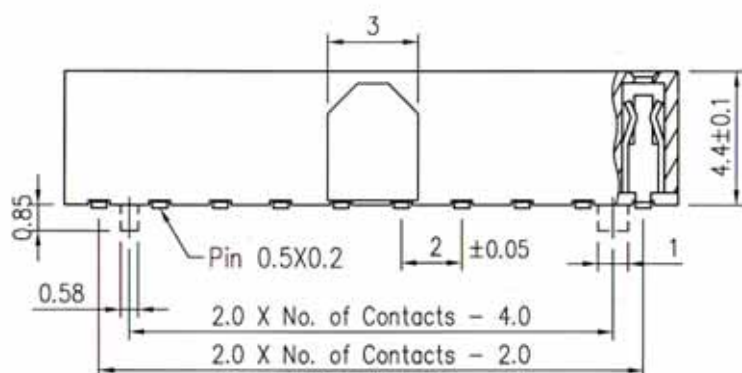
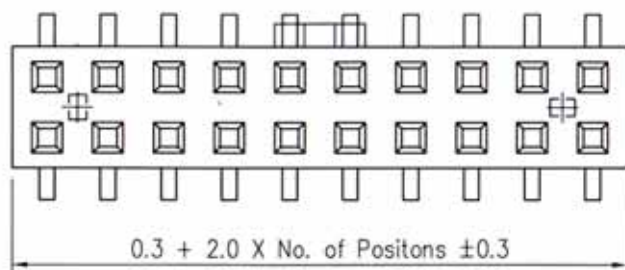
P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"KA" W/O LOCATING PEG
"KF" WITH LOCATING PEG
2. NO. OF CONTACTS:
006 through 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

NOTE: PAD = Pick & place pad

2.00MM(0.079") FEMALE HEADER WITH POLARIZATION NOTCH PROFILE=4.40MM



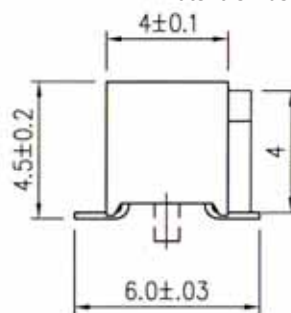
Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Polyester, UL94V-0
 Nylon-6T
Contacts: Phosphor Bronze
All materials must be RoHS compliant.



ORDERING INFORMATION:

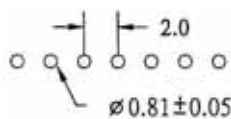
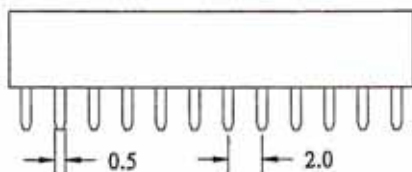
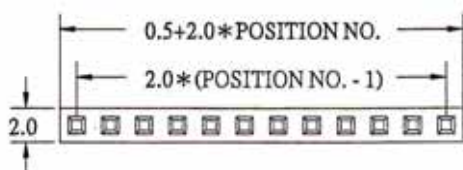
P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
 "CT" W/O LOCATING PEG
 "CU" WITH LOCATING PEG
2. NO. OF CONTACTS:
 006 through 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

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=4.50MM



Recommended P.C.Board Layout



20N67

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 3000 M Ω min.

Contact Resistance: 30m Ω Max.

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

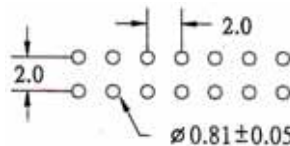
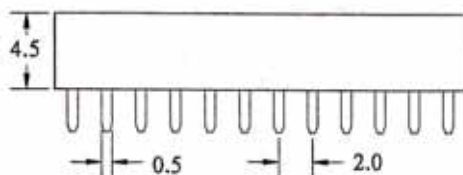
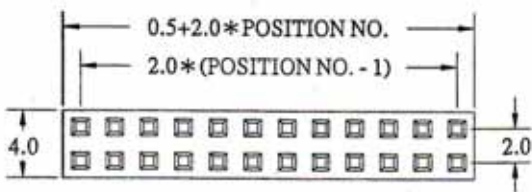
MATERIALS

Insulator: Glass Reinforced, UL94V-0

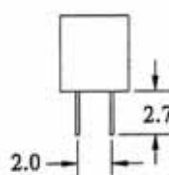
Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



20N68

ORDERING INFORMATION:

P/N 20 Nxx - xxxx B
 1 2 3

1.NO. OF ROWS:

"N67" SINGLE ROW

"N68" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW

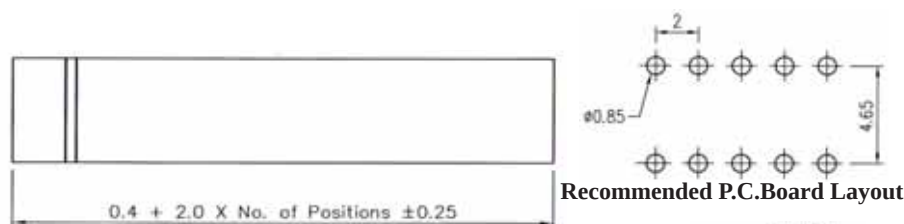
004 through 050 for DOUBLE ROW

3. CONTACT FINISH:

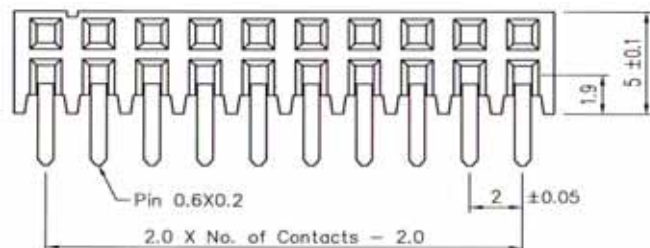
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") FEMALE HEADER DOUBLE ROW SIDE ENTRY TYPE PROFILE=5.00MM



Recommended P.C.Board Layout



200FE

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

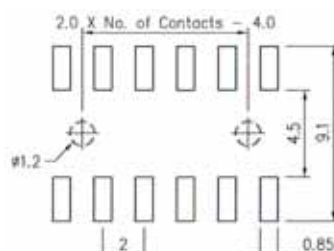
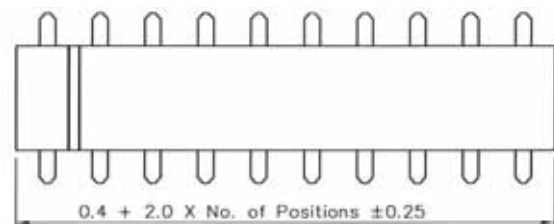
MATERIALS

Insulator: Polyester, UL94V-0

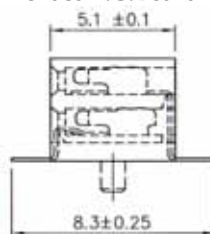
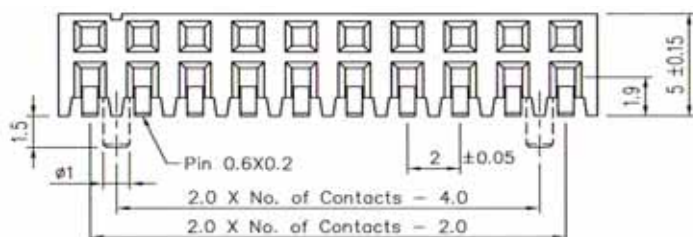
Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



200FZ/200FH

ORDERING INFORMATION:

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

1. CONNECTOR TYPE:

"FE" DIP TYPE

"FZ" SMT TYPE W/O LOCATING PEG

"FH" SMT TYPE WITH LOCATING PEG

2. NO. OF CONTACTS:

006 through 050

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

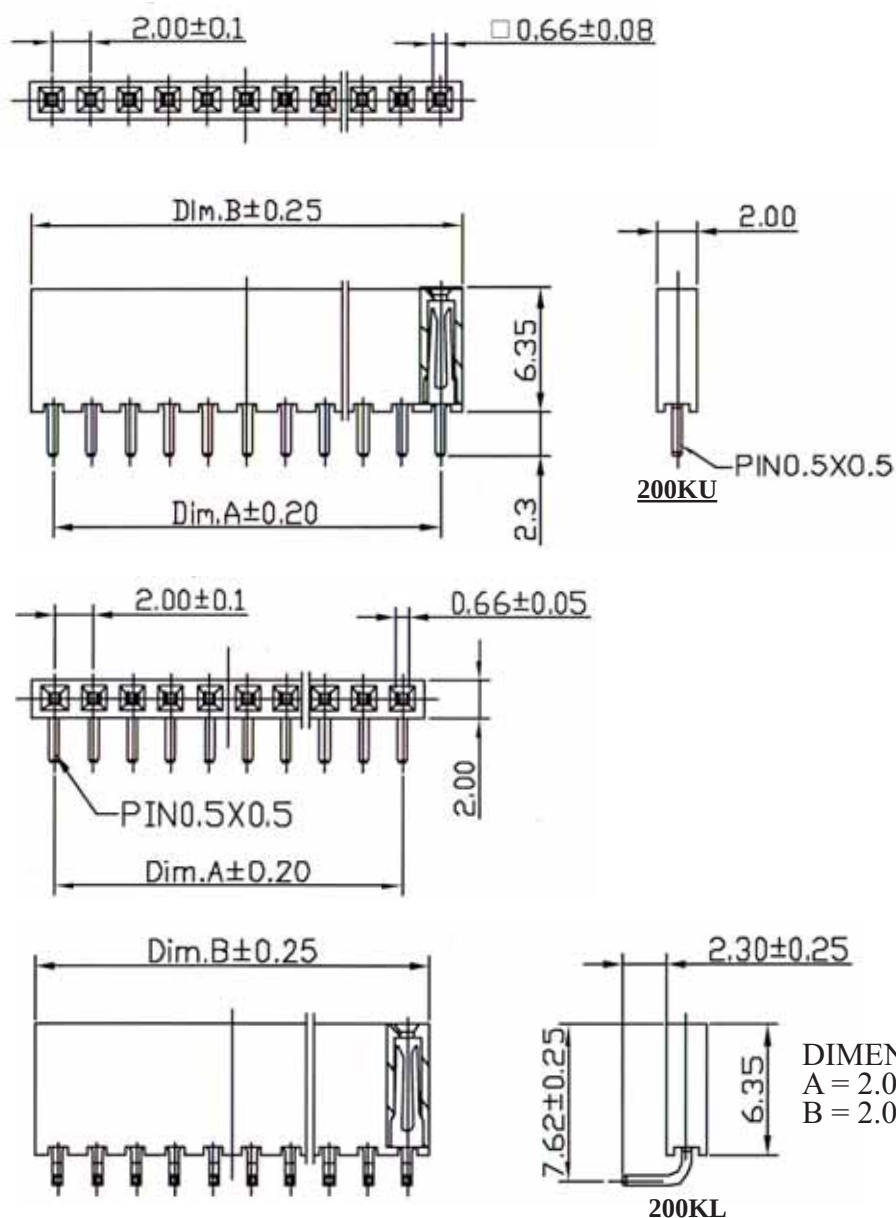
4. PACKAGE OPTION:

"T" W/O PAD IN TUBE

"R" W/O PAD IN TAPE & REEL

NOTE: THEY NEED NO PICK & PLACE PAD.

2.00MM(0.079") FEMALE HEADER SINGLE ROW DIP TYPE PROFILE=6.35MM



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

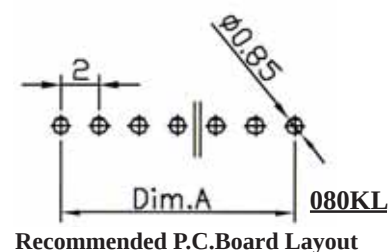
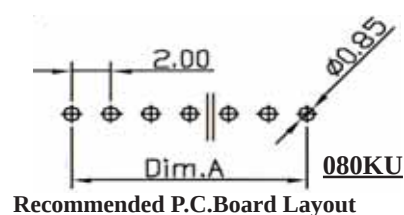
MATERIALS

Insulator: UL94V-0

LCP

Contacts: Copper Alloy

All materials must be RoHS compliant.



DIMENSIONS:

A = 2.00 x (No. of Contacts / Row-1)

B = 2.00 x (No. of Contacts / Row+0.30)

ORDERING INFORMATION:

P/N 2 0 0 $\frac{x}{1} \frac{x}{2} \frac{x}{3}$ B

1. TERMINAL TYPE:

"KU" STRAIGHT TYPE

"KL" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

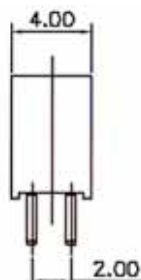
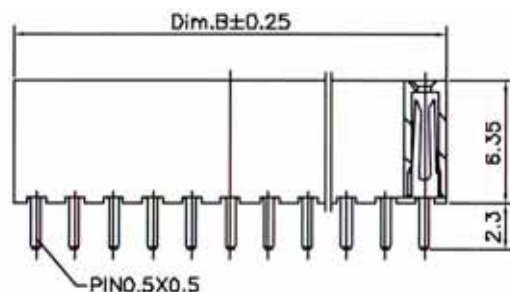
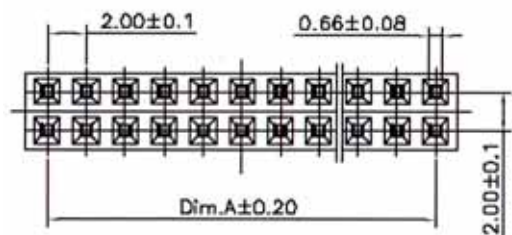
002 through 040

3. CONTACT FINISH:

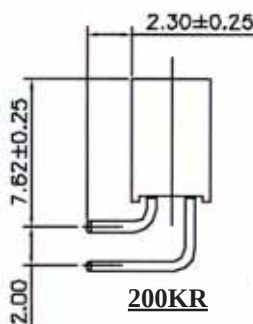
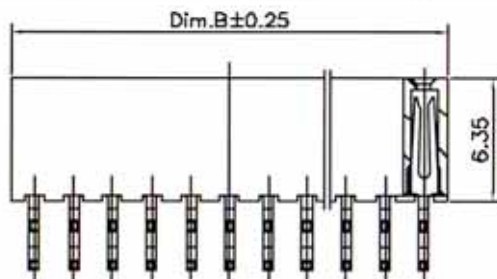
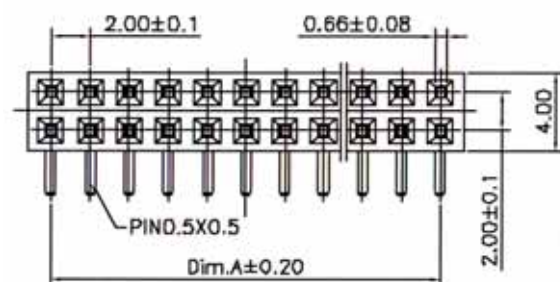
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") FEMALE HEADER DOUBLE ROW DIP TYPE PROFILE=6.35MM



200KS



200KR

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

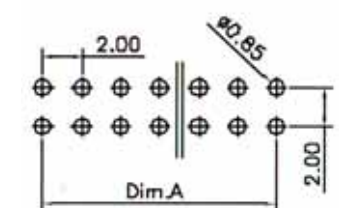
MATERIALS

Insulator: UL94V-0

LCP

Contacts: Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

A = 2.0 x (No. of Contacts/Row-1)

B = 2.0 x No. of Contacts/Row+0.30

ORDERING INFORMATION:

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

1. CONNECTOR TYPE:

"KS" STRAIGHT TYPE

"KR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

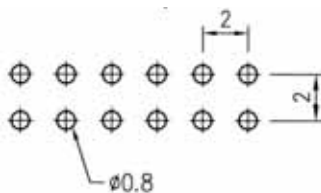
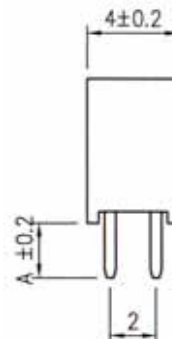
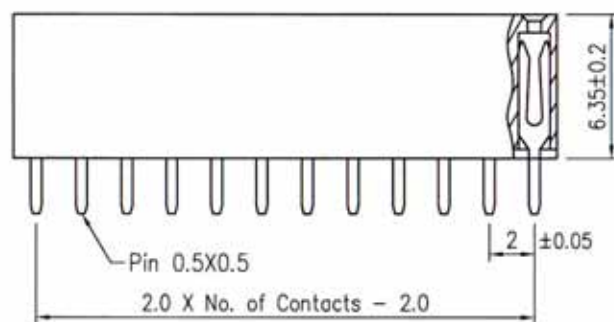
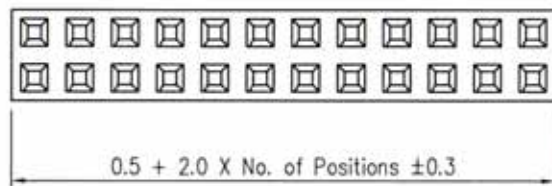
004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=6.35MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 0 0 $\frac{1}{\text{X}}$ $\frac{2}{\text{X}}$ - $\frac{3}{\text{X}}$ X B

1. PIN LENGTH:

"GJ" A= 2.40mm

"AQ" A= 3.05mm

"AA" A= 4.90mm

"AB" A= 8.90mm

"AC" A= 14.60mm

2. NO. OF CONTACTS:

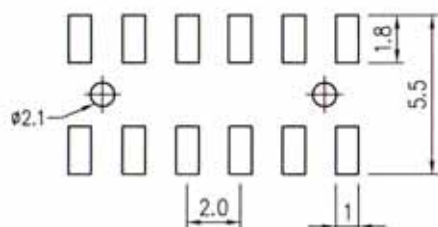
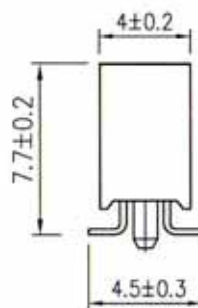
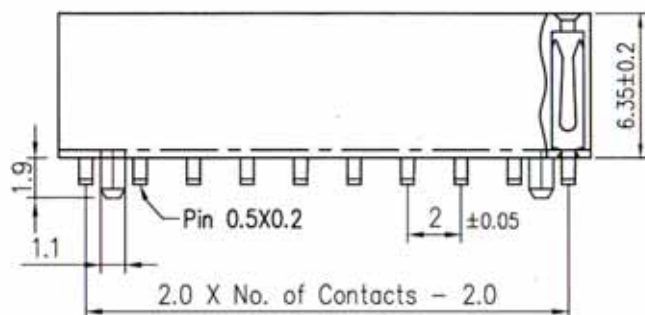
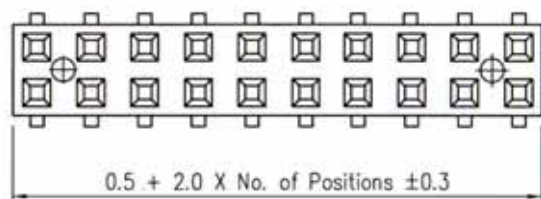
004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=6.35MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

LCP

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

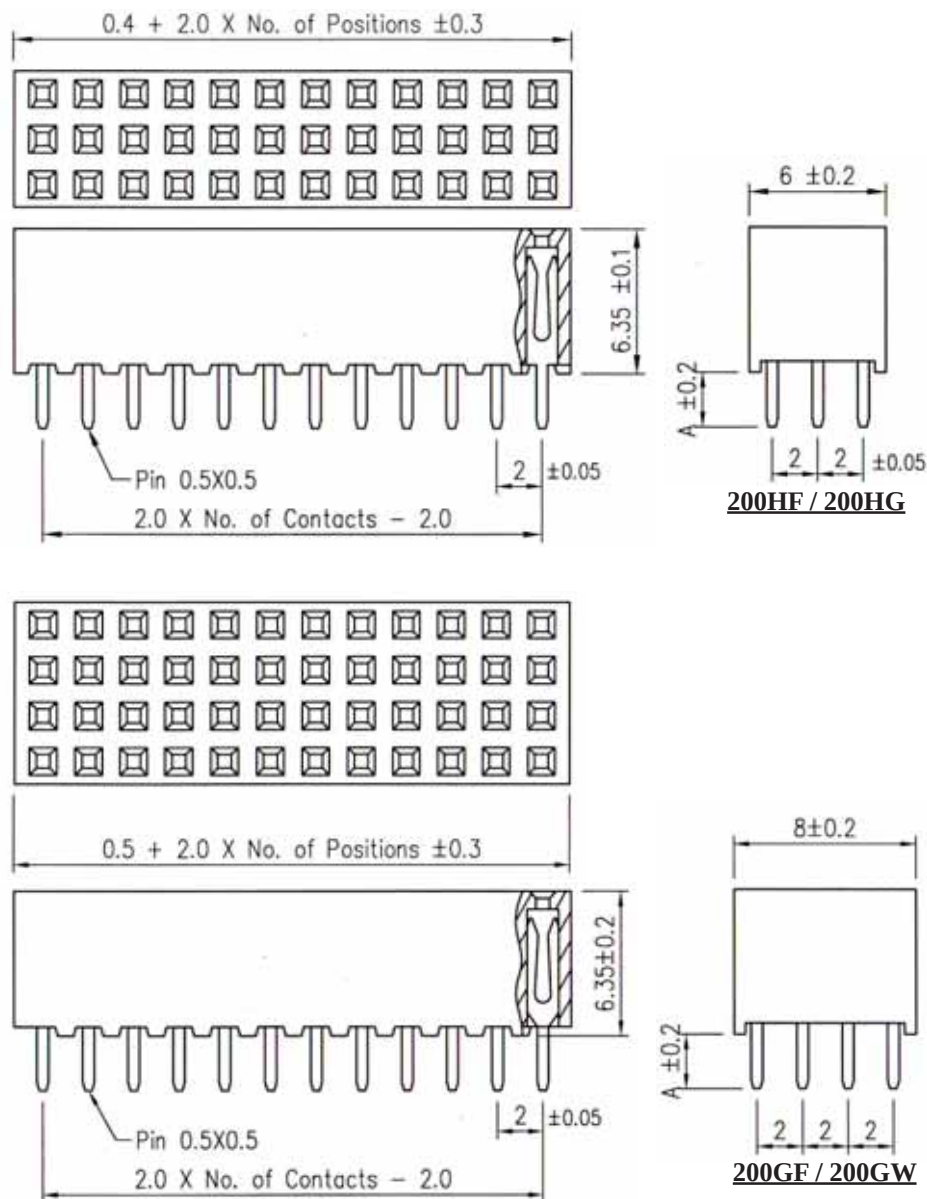
P/N 2 0 0 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"KT" W/O LOCATING PEG
"DX" WITH LOCATING PEG
2. NO. OF CONTACTS:
004 through 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 TPAE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=6.35MM

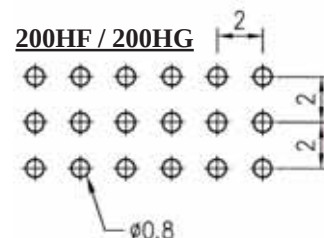


SPECIFICATIONS

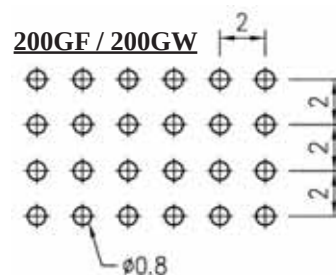
Current Rating: 1.0 Amp
 Dielectric Withstand: 500V AC
 Insulator Resistance: 1000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Polyester, UL94V-0
 Nylon-6T
 Contacts: Phosphor Bronze
 All materials must be RoHS compliant.



Recommended P.C.Board Layout



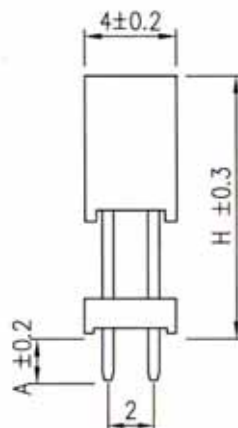
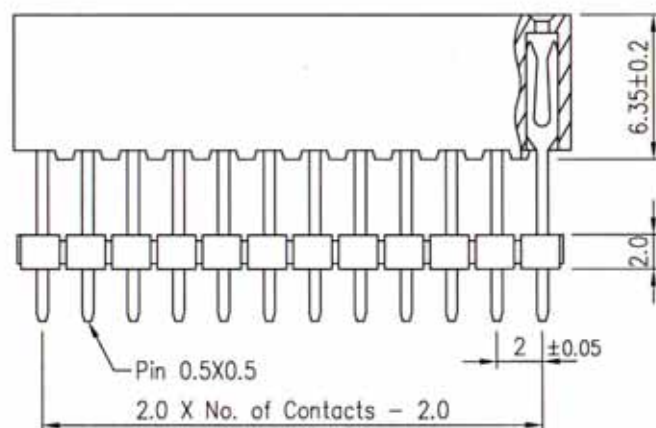
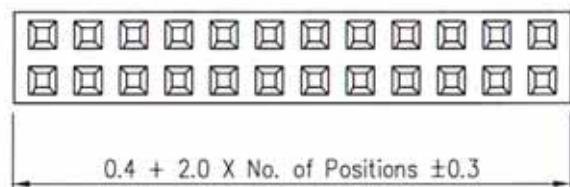
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxxx}{2}$ $\frac{x}{3}$ B

- PIN LENGTH & NO. OF ROWS:
 "HF" A= 2.4mm TRIPLE ROW
 "HG" A= 3.05mm TRIPLE ROW
 "GF" A= 2.4mm QUAD ROW
 "GW" A= 3.05mm QUAD ROW
- NO. OF CONTACTS:
 009 through 120 for TRIPLE ROW
 016 through 120 for QUAD ROW
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED

2.00MM(0.079") ELEVATED FEMALE HEADER PROFILE=6.35MM



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

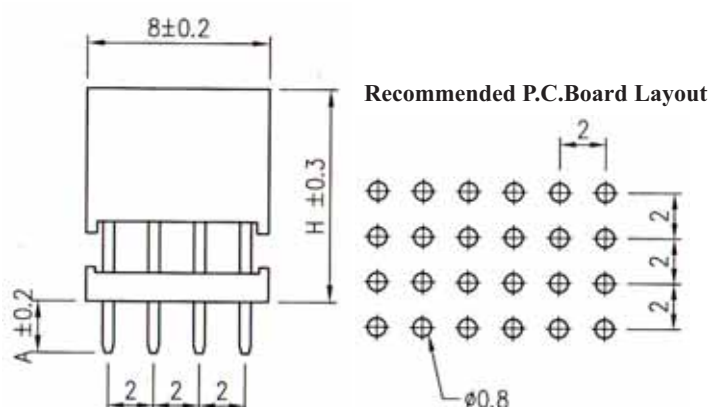
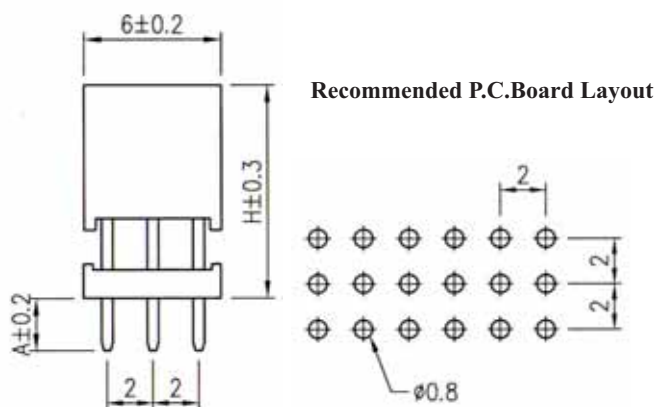
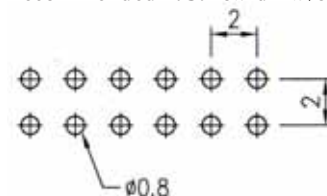
Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

Recommended P.C.Board Layout



ORDERING INFORMATION:

CODE: 1 9 9 $\frac{xxx}{1}$ - $\frac{H/A}{2}$ - $\frac{xxxx}{3}$ $\frac{x}{4}$ B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{xxxxxx}{YY MM DD}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B

1. EXTERIOR CODE:

"2S2" DOUBLE ROW

"3S2" TRIPLE ROW

"4S2" QUAD ROW

2. DIMENSION H/A (UNIT:mm)

3. NO. OF CONTACTS:

DOUBLE ROW: 004 through 080

TRIPLE ROW: 009 through 096

QUAD ROW: 016 through 120

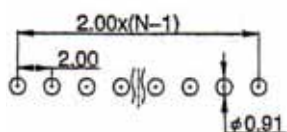
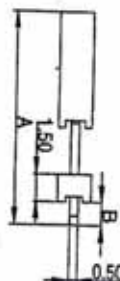
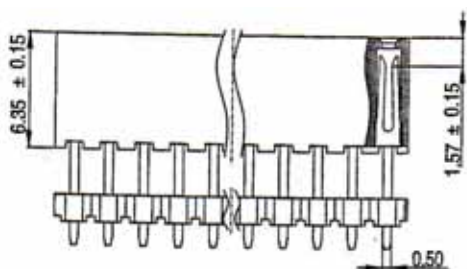
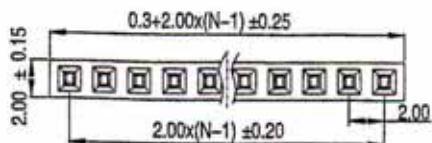
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") ELEVATED FEMALE HEADER SINGLE ROW PROFILE=6.35MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

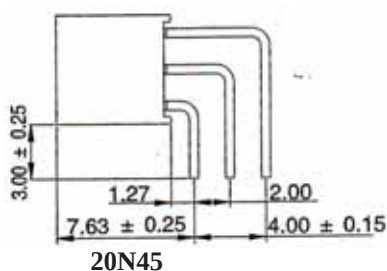
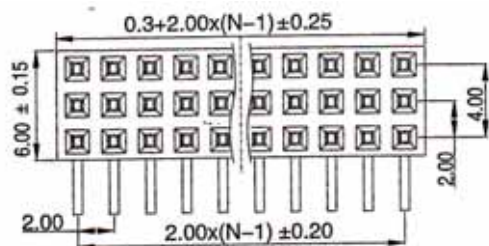
CODE: 1 9 9 1 S 2 - $\frac{A/B}{1}$ - $\frac{XXXX}{2}$ $\frac{B}{3}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{XXXX}{YY}$ $\frac{XXXX}{MM}$ $\frac{XXXX}{DD}$ X - $\frac{XXXX}{2}$ $\frac{B}{3}$

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

2.00MM(0.079") FEMALE HEADER RIGHT ANGLE TYPE PROFILE=6.35MM

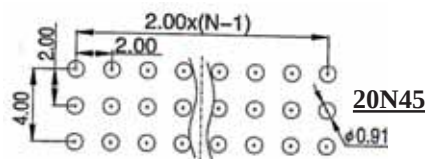
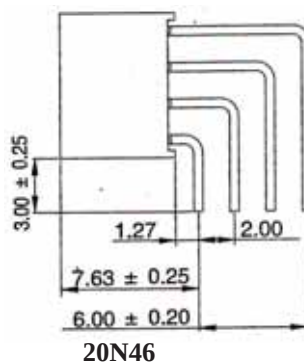
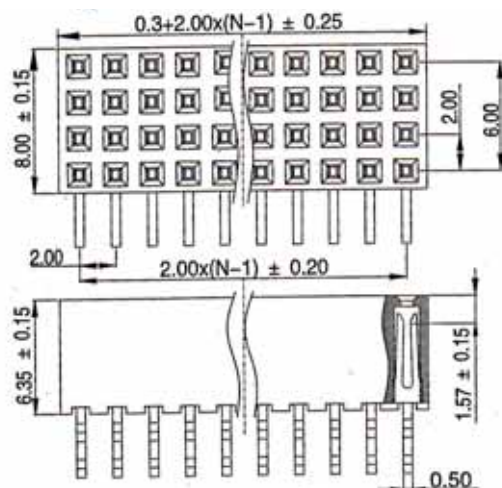


SPECIFICATIONS

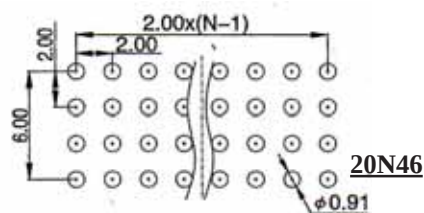
Current Rating: 1.0 Amp
 Dielectric Withstand: 500V AC
 Insulator Resistance: 5000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Polyester, UL94V-0
 Nylon-6T
 Contacts: Phosphor Bronze
 All materials must be RoHS compliant.



Recommended P.C.Board Layout



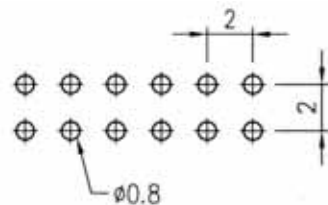
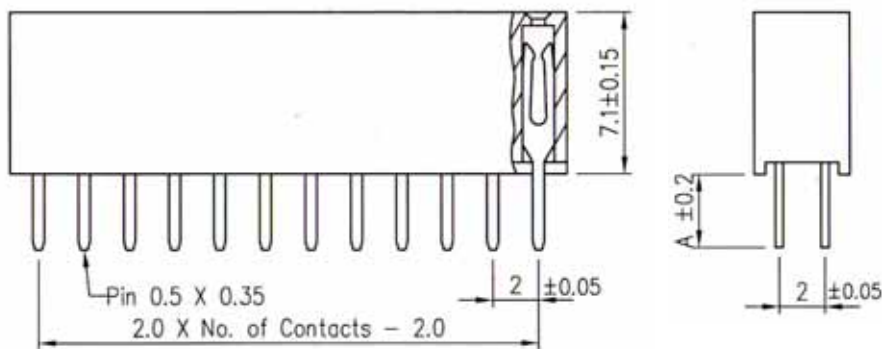
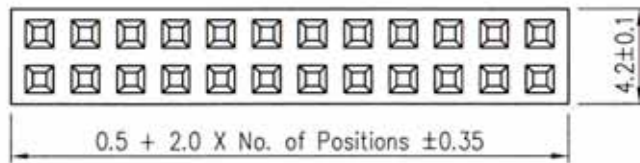
Recommended P.C.Board Layout

ORDERING INFORMATION:

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

1. NO. OF ROWS:
 "N45" TRIPLE ROW RIGHT ANGLE TYPE
 "N46" QUAD ROW RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
 006 through 120 for TRIPLE ROW
 008 through 160 for QUAD ROW
3. CONTACT FINISH:
 "G" FULL GOLD PLATED

2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=7.10MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

P.B.T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

ORDERING INFORMATION:

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

1. PIN LENGTH:

"GV" A= 3.2mm

"HR" A= 4.0mm

"HZ" A= 4.5mm

2. NO. OF CONTACTS:

004 through 080

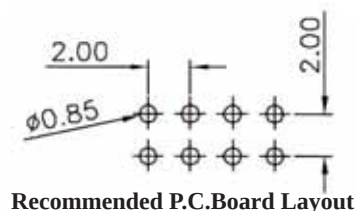
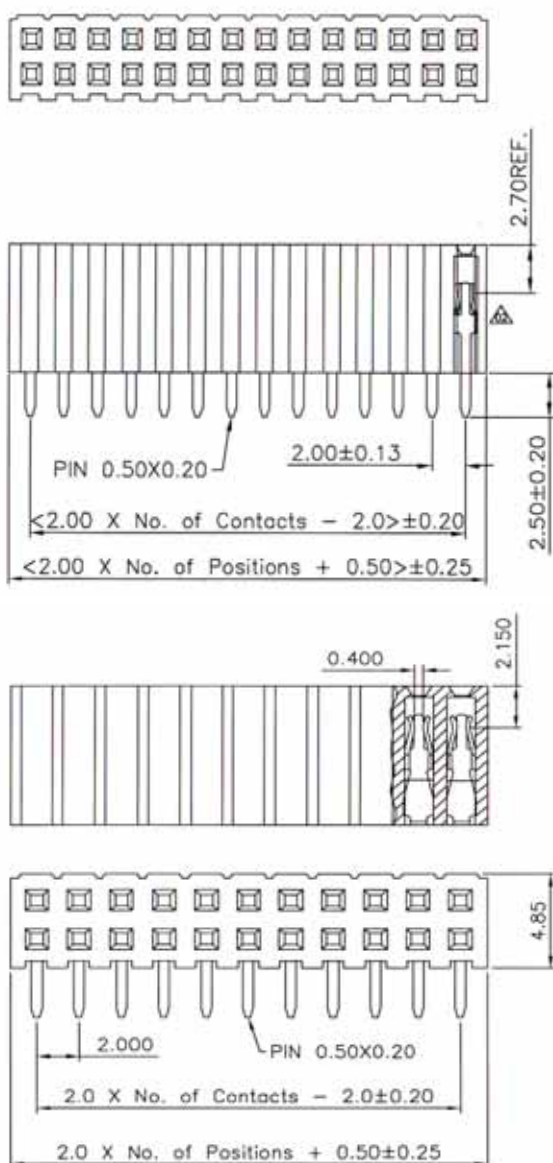
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") FEMALE HEADER MULTI-MATING TYPE PROFILE=7.20MM



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

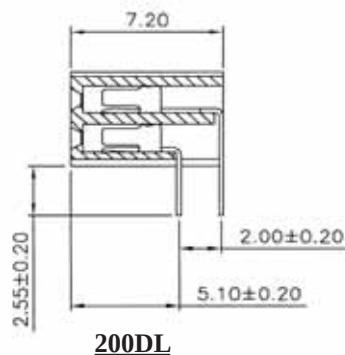
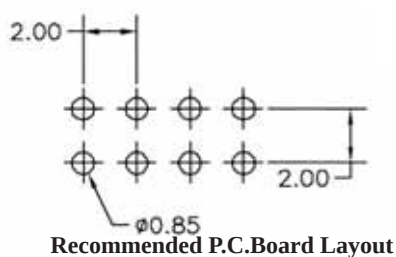
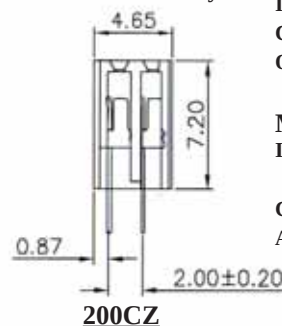
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

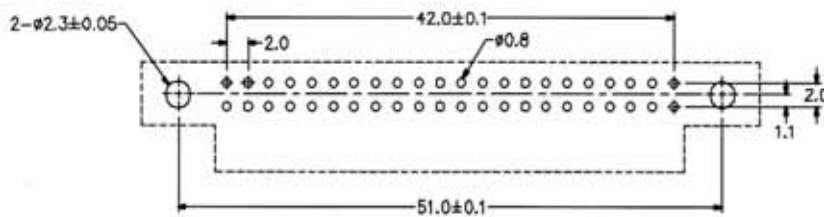
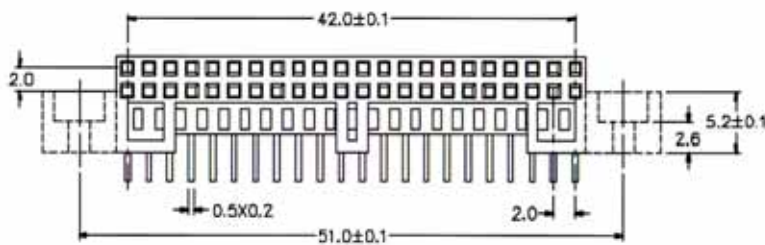
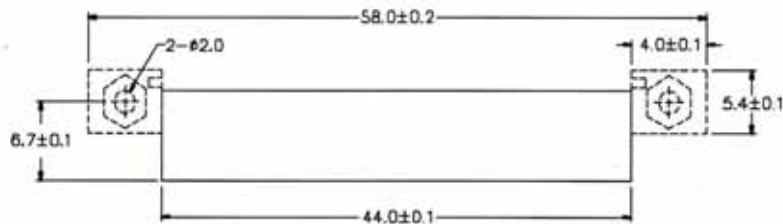


ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B

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

2.00MM(0.079") FEMALE HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=8.20MM/6.70MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

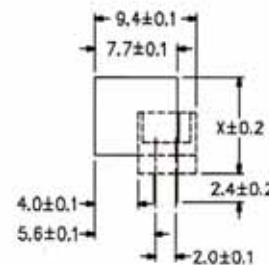
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 0 N X X - 0 4 4 X B
1 2 3

1. PROFILE & MOUNTING EAR OPTION:

"N69" X= 8.20mm WITH MOUNTING EARS

"N70" X= 8.20mm W/O MOUNTING EARS

"N71" X= 6.70mm W/O MOUNTING EARS

2. NO. OF CONTACTS:

044

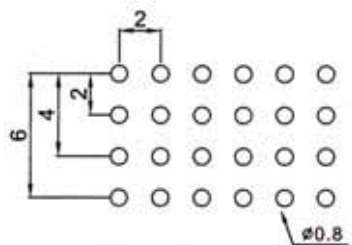
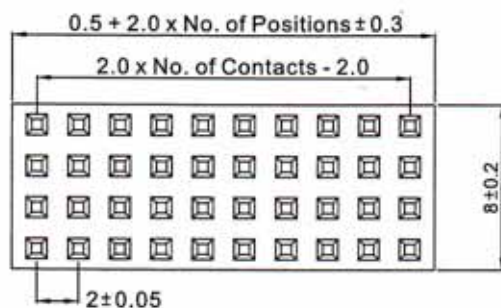
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

NOTE: Used for note book computer hard disk

2.00MM(0.079") FEMALE HEADER QUAD ROW STRAIGHT TYPE PROFILE=9.35MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

Max Process Temp: 230°C for 30-60 sec.
(260°C for 10 sec.)

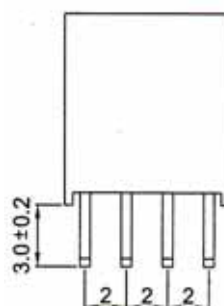
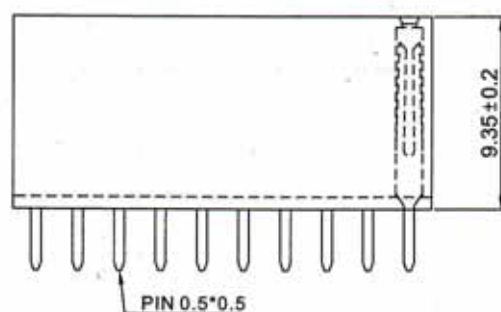
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 0 0 H B - x x x x B
 1 2 3

1. NO. OF ROWS:

"HB" QUAD ROW

2. NO. OF CONTACTS:

012 through 120

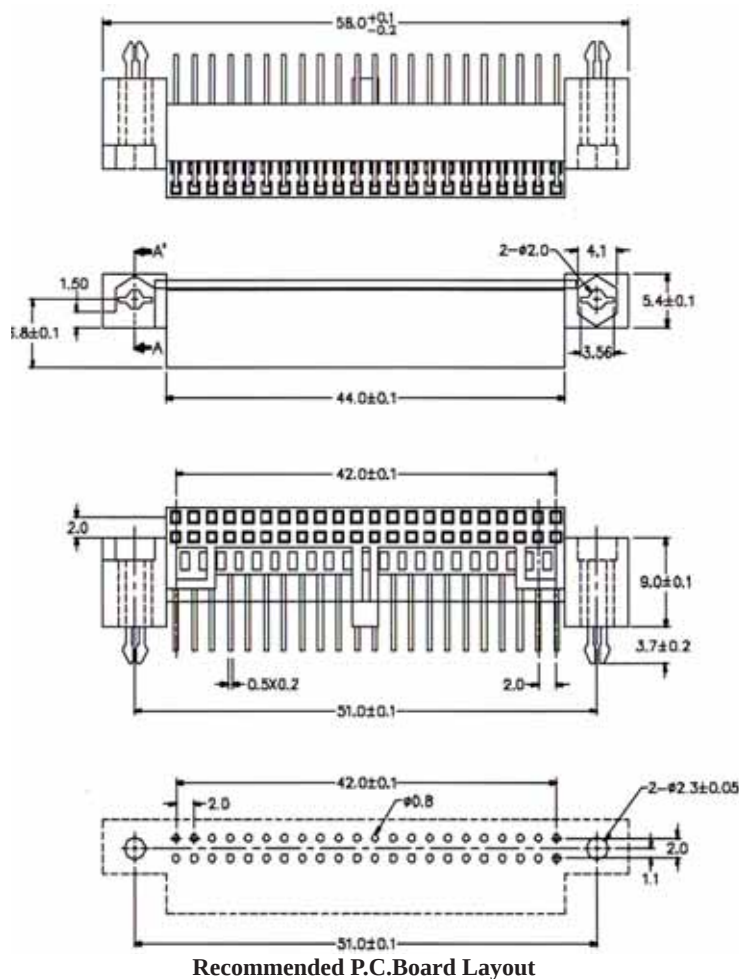
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") FEMALE HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=12.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

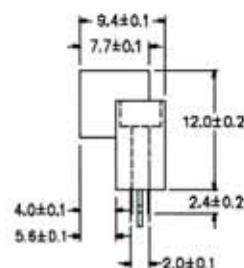
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 20 N72 - 044 x B
1 2 3

1. CONNECTOR TYPE:

"N72" PROFILE= 12.0mm WITH MOUNTING EARS

2. NO. OF CONTACTS:

044

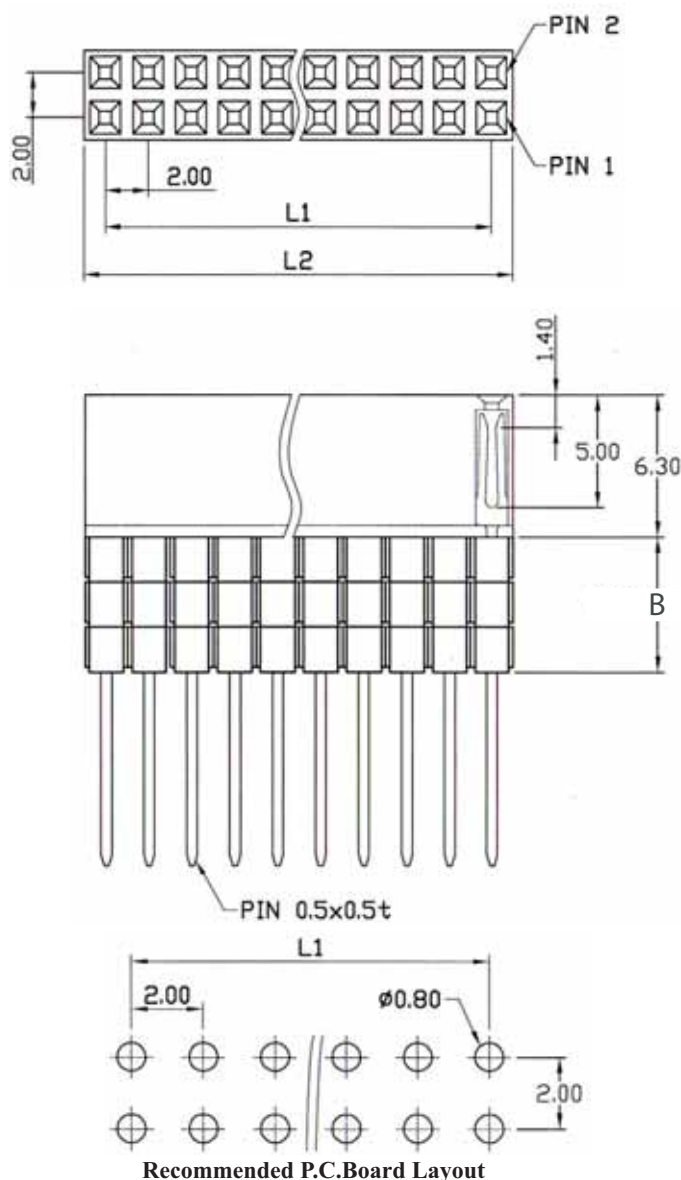
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

NOTE: Used for note book computer hard disk

2.00MM(0.079") ELEVATED FEMALE HEADER PLASTIC HEIGHT= 8.30 TO 18.30MM



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

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

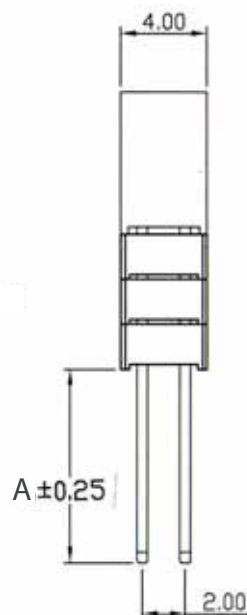
MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.



Connector Type	Dimensions (mm)	
	A	B
AE	2.9	2.0
AF	6.9	2.0
AG	12.6	2.0
AH	4.9	4.0
AJ	10.6	4.0
AK	2.9	6.0
AL	8.6	6.0
AM	6.6	8.0
AN	4.6	10.0
AP	2.6	12.0

DIMENSIONS:

L1 = 2.0 x No. of Contacts/Row- 2.0

L2 = 2.0 x No. of Contacts/Row

ORDERING INFORMATION:

P/N 2 0 0 $\frac{x}{1} \frac{x}{2} \frac{x}{3}$ B

1. CONNECTOR TYPE

AE, AF, AG, AH, AJ,
AK, AL, AM, AN, AP

2. NO. OF CONTACTS:

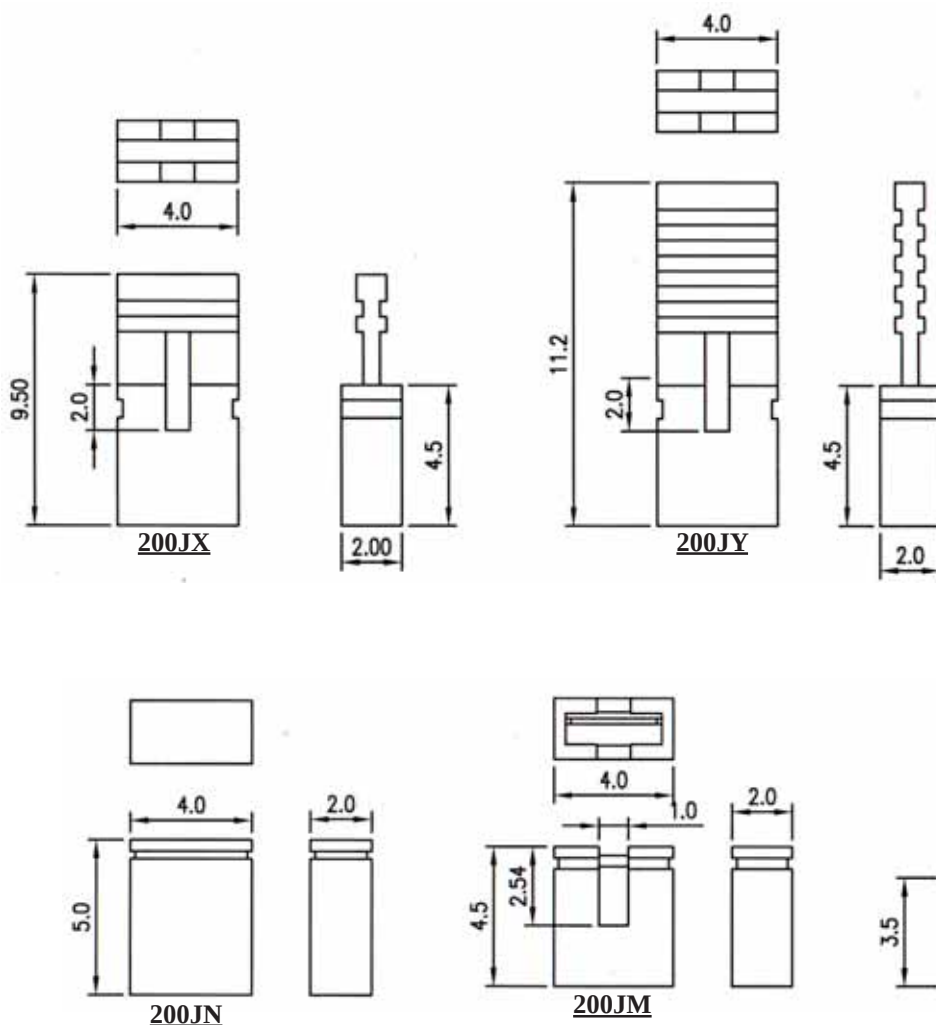
004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") MINI JUMPERS



SPECIFICATIONS

Current Rating: 2.0 Amp
 Dielectric Withstand: 500V AC
 Insulator Resistance: 1000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -55°C to + 105°C

MATERIALS

Insulator: Glass, UL94V-0
 P.B.T
 Contacts: Phosphor Bronze
 All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - 002 $\frac{xx}{23}$

1. HEIGHT & TYPE:

"JM" 4.5mm OPEN TYPE
 "JN" 5.0mm CLOSE TYPE
 "JP" 3.5mm OPEN TYPE
 "JX" 9.5mm OPEN TYPE
 "JY" 11.2mm OPEN TYPE

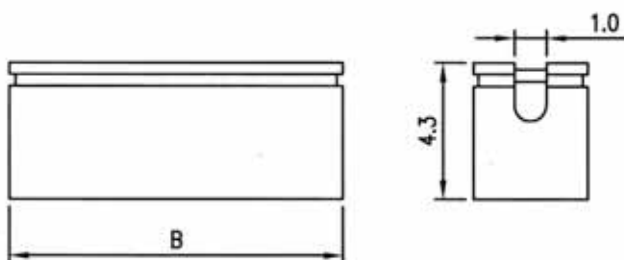
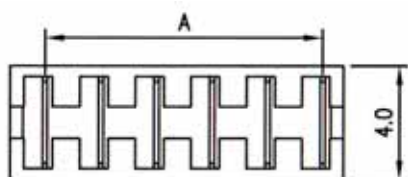
2. CONTACT FINISH:

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

3. INSULATOR COLOR:

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

2.00MM(0.079") MULTIPOSITION MINI JUMPER



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 1000V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -55°C to + 125°C

MATERIALS

Insulator: Polyester, UL94V-0

P.B.T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

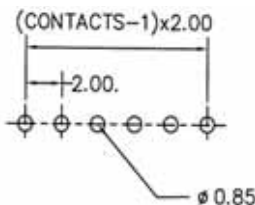
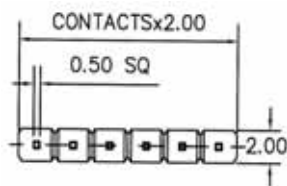
No. of Contacts	Dimensions(mm)	
	A	B
04	2.00	4.00
06	4.00	6.00
08	6.00	8.00
10	8.00	10.00
12	10.00	12.00
14	12.00	14.00
16	14.00	16.00
18	16.00	18.00
20	18.00	20.00

ORDERING INFORMATION:

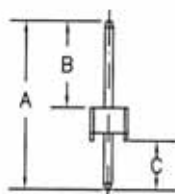
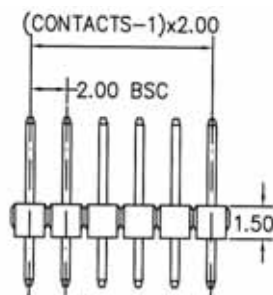
P/N 200JZ - $\frac{xxx}{1} \frac{xx}{23}$

1. NO. OF CONTACTS:
002 through 020
2. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED
3. INSULATOR COLOR:
"B" BLACK (STANDARD)
"R" RED
"A" GRAY
"N" GREEN
"U" BLUE
"W" WHITE
"Y" YELLOW

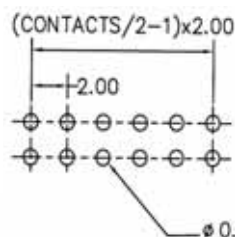
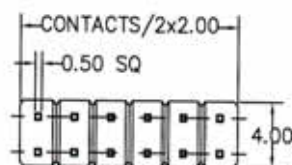
2.00MM(0.079") PIN HEADER STRAIGHT TYPE PROFILE= 1.50MM



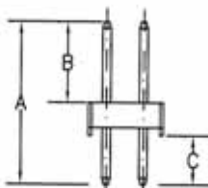
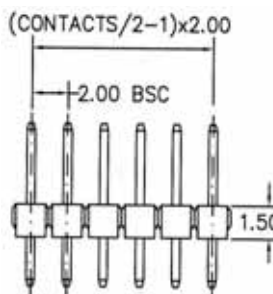
Recommended P.C.Board Layout



SINGLE ROW



Recommended P.C.Board Layout



DOUBLE ROW

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 1000V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

SINGLE ROW	DOUBLE ROW	Dimensions(mm)		
		A	B	C
M47	M56	7.90	4.00	2.40
M48	M57	7.90	3.70	2.70
M49	M58	8.20	4.00	2.70
M50	M59	9.00	5.00	2.50
M51	M60	9.50	5.30	2.70
M52	M61	11.10	6.90	2.70
M53	M62	11.30	11.00	5.00
M54	M63	19.50	15.00	3.00
M55	M64	22.30	17.80	3.00

ORDERING INFORMATION:

P/N 2 0 M XX - XX XX XX B
1 2 3 4

1. CONNECTOR TYPE:

M47, M48, M49, M50, M51, M52, M53,
M54, M55, M56, M57, M58, M59, M60,
M61, M62, M63, M64

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW
004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

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

FOR SPECIAL TYPE GIVE US A CODE :

Code: 2 0 XX XX - A/B/C - XX XX B
1 2 3 4

THEN WE WILL GIVE YOU:

Part N.: P XX XX XX XX XX - XX XX B
YY MM DD 3 4

1. EXTERIOR CODE:

"11S1" SINGLE ROW

"32S1" DOUBLE ROW

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

3. NO. OF CONTACTS:

002 through 080

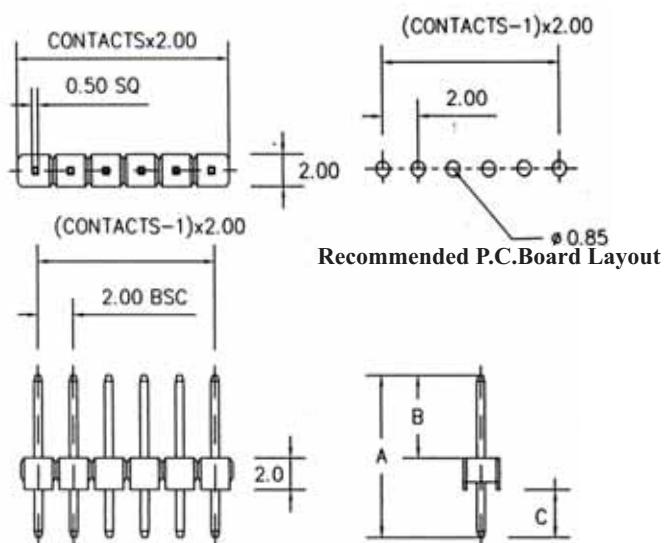
4. CONTACT FINISH:

"G" FULL GOLD PLATED

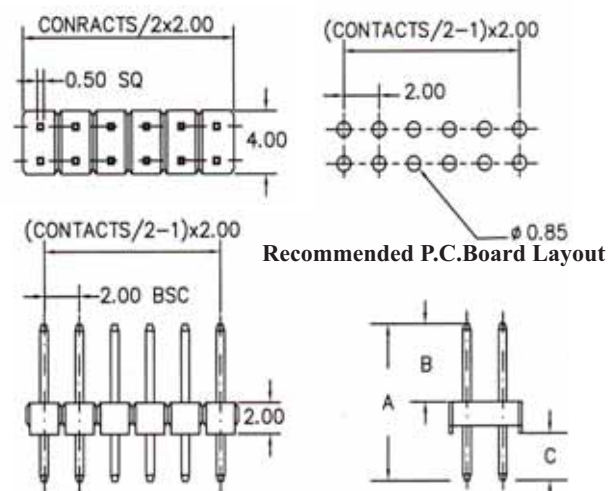
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") PIN HEADER STRAIGHT TYPE PROFILE= 2.00MM



SINGLE ROW



DOUBLE ROW

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 1000V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

P.B.T or Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

SINGLE ROW	DOUBLE ROW	Dimensions(mm)		
		A	B	C
PA	PD	8.40	4.00	2.40
PB	PE	8.40	3.70	2.70
PC	PF	8.70	4.00	2.70
XB	XA	9.50	5.00	2.50
QG	QM	10.00	5.30	2.70
QH	QN	11.60	6.90	2.70
QJ	QP	11.80	11.00	5.00
QK	QQ	20.00	15.00	3.00
QL	QR	22.80	17.80	3.00

ORDERING INFORMATION:

P/N 2 0 0 $\frac{X}{1} X - \frac{X}{2} \frac{X}{3} \frac{X}{4} B / \frac{X}{4}$

- CONNECTOR TYPE:
PA, PB, PC, XB, QG, QH, QJ, QK, QL,
PD, PE, PF, XA, QM, QN, QP, QQ, QR
- NO. OF CONTACTS:
002 through 040 for SINGLE ROW
004 through 080 for DOUBLE ROW
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
- INSULATOR COLOR:
" " PBT
"6T" NYLON 6T

FOR SPECIAL TYPE GIVE US A CODE :

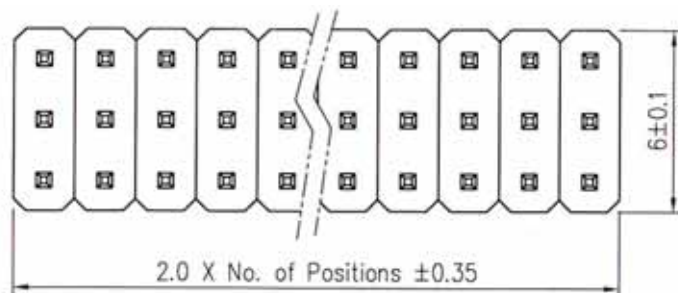
Code: 2 0 $\frac{X}{1} \frac{X}{2} \frac{X}{3} \frac{X}{4} - \frac{A}{2} \frac{B}{3} \frac{C}{4} - \frac{X}{3} \frac{X}{4} \frac{X}{4} B 6T$

THEN WE WILL GIVE YOU:

Part N.: P $\frac{X}{Y} \frac{X}{Y} \frac{X}{MM} \frac{X}{DD} X - \frac{X}{3} \frac{X}{4} \frac{X}{4} B$

- EXTERIOR CODE:
"01S1" SINGLE ROW
"22S1" DOUBLE ROW
- DIMENSION A/B/C (UNIT: mm)
- NO. OF CONTACTS:
002 through 080
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.00MM(0.079") PIN HEADER TRIPLE ROW STRAIGHT TYPE PROFILE=2.00MM



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

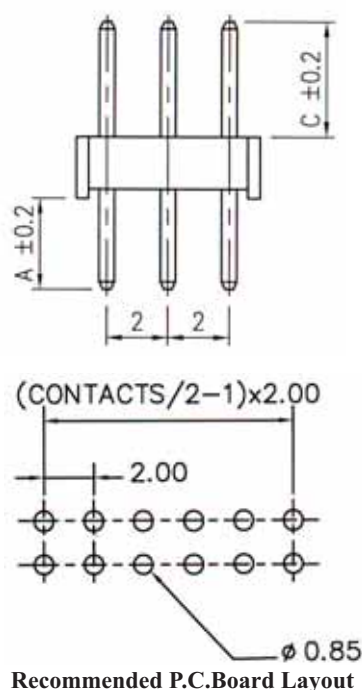
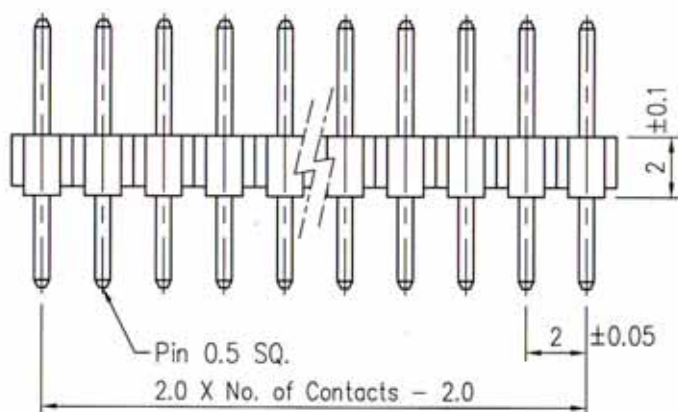
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.



ORDERING INFORMATION:

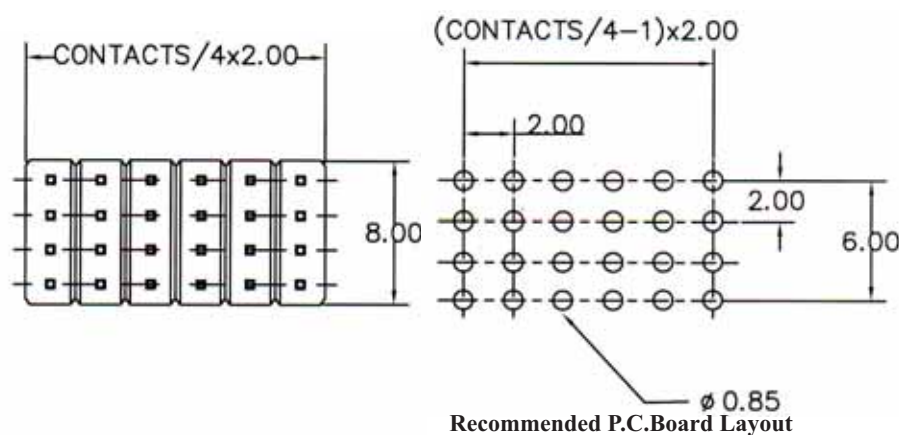
CODE: 2 0 2 $\frac{3S1}{1}$ - $\frac{A/C}{2}$ - $\frac{xxx}{3}$ $\frac{x}{4}$ B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{xxx}{YY}$ $\frac{xxx}{MM}$ $\frac{xxx}{DD}$ x - $\frac{xxx}{3}$ $\frac{x}{4}$ B

1. EXTERIOR CODE:
"3S1" TRIPLE ROW STRAIGHT
2. DIMENSION A/C (UNIT: mm)
3. NO. OF CONTACTS:
009 through 120
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.00MM(0.079") PIN HEADER QUAD ROW STRAIGHT TYPE PROFILE=1.50MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstand: 1000V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

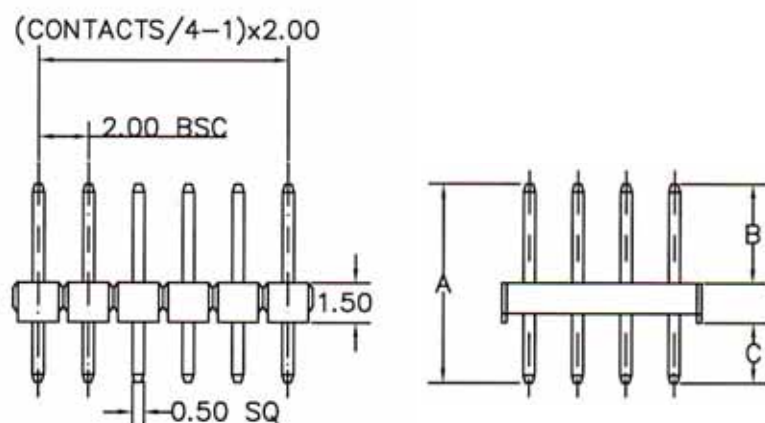
MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

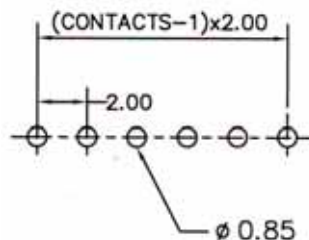
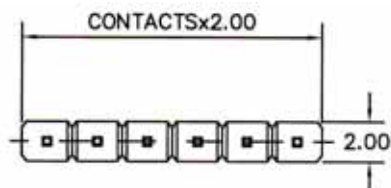
CODE: 2 0 4 4 S 1 - A/B/C - x x x x B
 1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

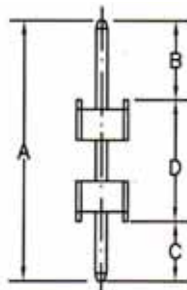
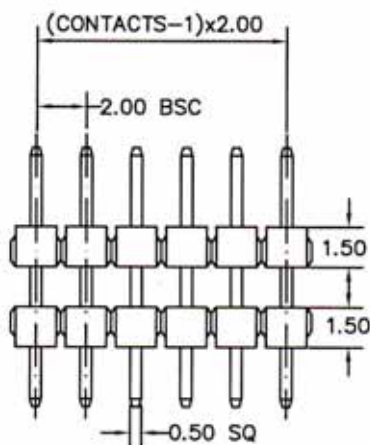
P/N P x x x x x x x - x x x x B
 YY MM DD 3 4

1. EXTERIOR CODE:
"4S1" QUAD ROW STRAIGHT
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
008 through 120
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.00MM(0.079") PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 1000V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 0 1 1 S 3 - 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:

"1S3" SINGLE ROW STRAIGHT

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

3. NO. OF CONTACTS:

002 through 040

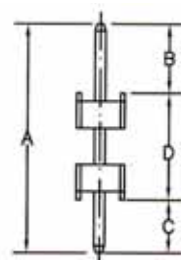
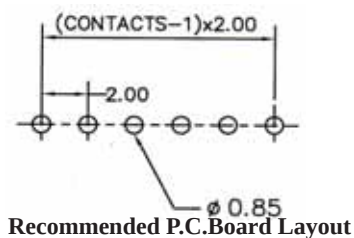
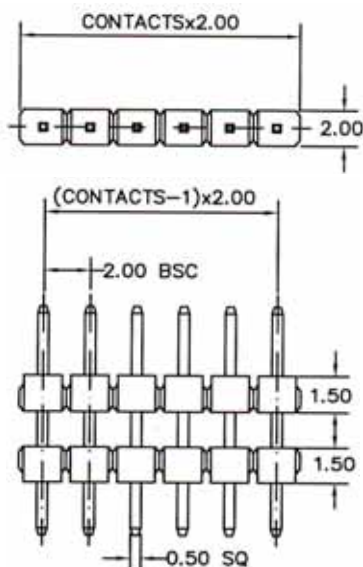
4. CONTACT FINISH:

"G" FULL GOLD PLATED

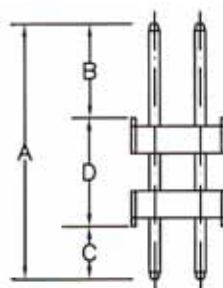
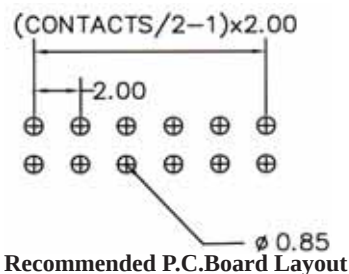
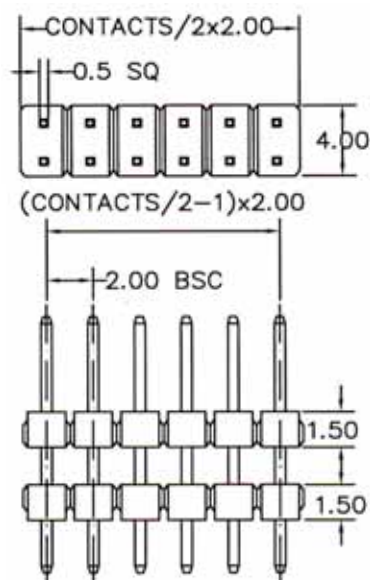
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") PIN HEADER DUAL BODY STRAIGHT TYPE PROFILE=1.50MM



SINGLE ROW



DOUBLE ROW

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 1000V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

SINGLE ROW	DOUBLE ROW	Dimensions(mm)			
		A	B	C	D
M65	M78	8.20	4.00	2.80	1.40
M66	M79	9.60	4.00	2.80	2.80
M67	M80	10.10	4.00	2.80	3.30
M68	M81	11.60	4.00	2.80	4.80
M69	M82	13.60	4.00	2.80	6.80
M70	M83	14.10	4.00	2.80	7.30
M71	M84	14.30	4.00	2.80	7.50
M72	M85	15.10	4.00	2.80	8.30
M73	M86	15.60	4.00	2.80	8.80
M74	M87	17.10	4.00	2.80	10.30
M75	M88	19.10	4.00	2.80	12.30
M76	M89	21.10	4.00	2.80	14.30
M77	M90	28.20	4.00	2.80	21.40

ORDERING INFORMATION:

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

1. CONNECTOR TYPE:

M65, M66, M67, M68, M69, M70, M71, M72, M73, M74, M75, M76, M77, M78, M79, M80, M81, M82, M83, M84, M85, M86, M87, M88, M89, M90

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW
004 through 080 for DOUBLE ROW

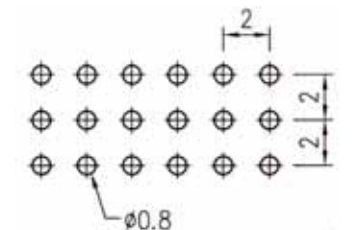
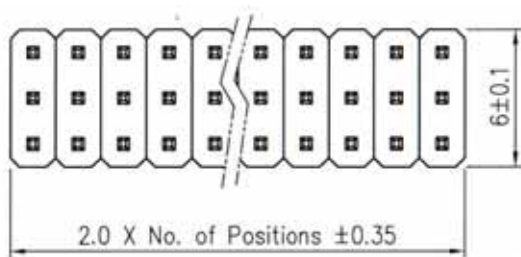
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") PIN HEADER TRIPLE ROW DUAL BODY TYPE PROFILE=2.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

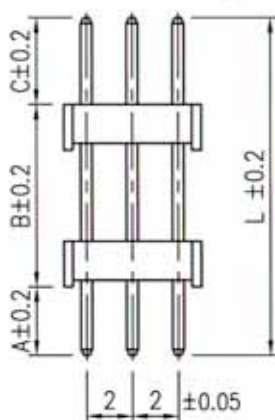
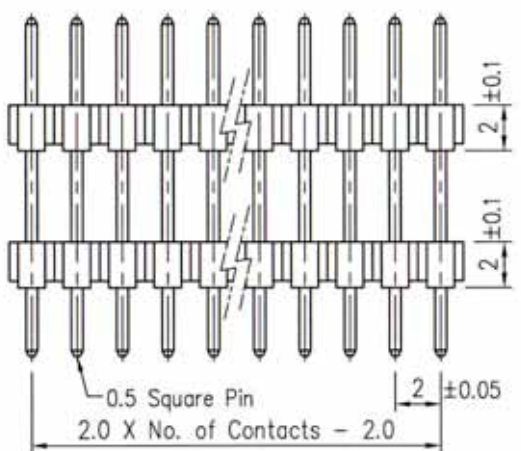
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.



ORDERING INFORMATION:

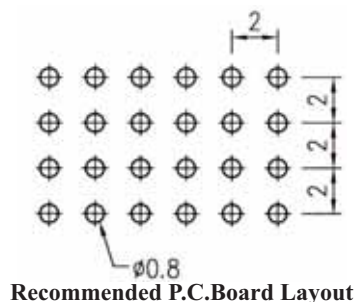
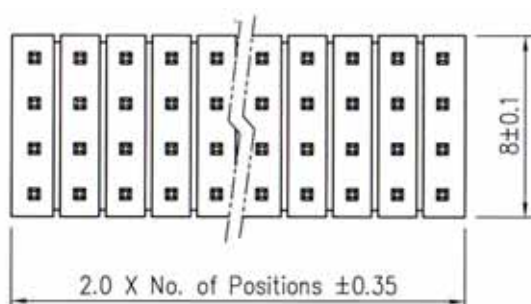
CODE: 2 0 2 3 S 2 - A/B/C - x x x x B
1 2 3 4

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:
"3S2" TRIPLE ROW STRAIGHT
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
009 through 120
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.00MM(0.079") PIN HEADER QUAD ROW DUAL BODY TYPE PROFILE=1.50MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

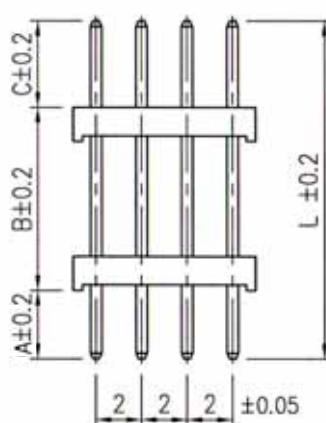
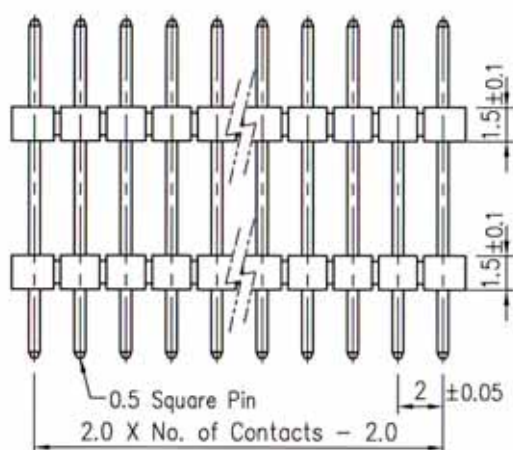
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.



ORDERING INFORMATION:

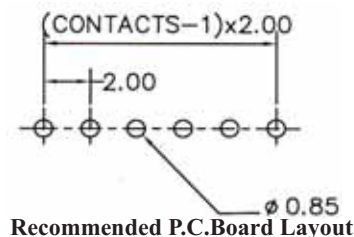
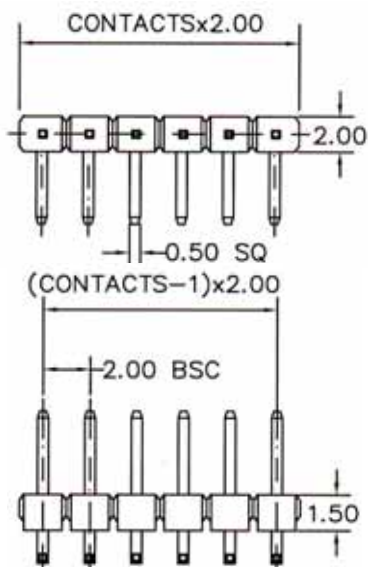
CODE: 2 0 4 4 S 2 - $\frac{A}{1}$ / $\frac{B}{2}$ / $\frac{C}{3}$ - $\frac{x}{3}$ $\frac{x}{4}$ B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{x}{YY}$ $\frac{x}{MM}$ $\frac{x}{DD}$ x - $\frac{x}{3}$ $\frac{x}{4}$ B

1. EXTERIOR CODE:
"4S2" QUAD ROW STRAIGHT
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
024 through 120
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

2.00MM(0.079") PIN HEADER RIGHT ANGLE DIP TYPE PROFILE=1.50MM

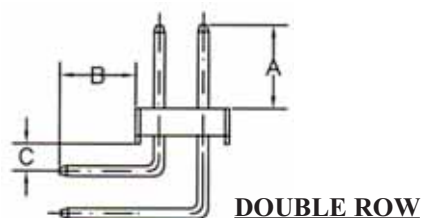
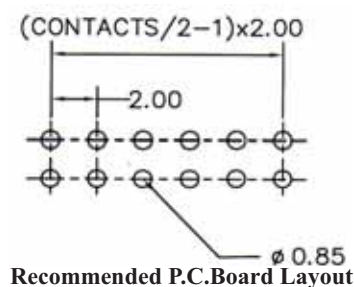
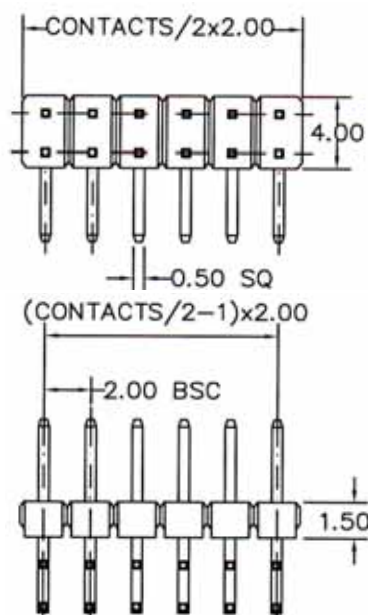
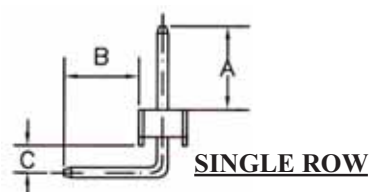


SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 1000V AC
Insulator Resistance: 5000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -55°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
Nylon-6T
Contacts: Copper Alloy
All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 0 M X X - X X X X B
 1 2 3 4

- CONNECTOR TYPE:
"M91" SINGLE ROW, A/B/C= 4.0/2.8/1.4mm
"M92" SINGLE ROW, A/B/C= 3.8/3.0/1.4mm
"M93" SINGLE ROW, A/B/C= 3.0/3.0/1.4mm
"M94" DOUBLE ROW, A/B/C= 4.0/2.8/1.4mm
"M95" DOUBLE ROW, A/B/C= 3.7/3.0/1.4mm
"M96" DOUBLE ROW, A/B/C= 6.0/2.8/1.4mm
- NO. OF CONTACTS:
002 through 040 for SINGLE ROW
004 through 080 for DOUBLE ROW
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

FOR SPECIAL TYPE GIVE US A CODE :

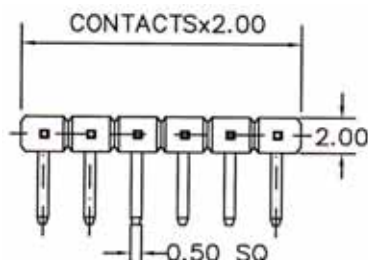
Code: 2 0 X X X X - A/B/C - X X X X B
 1 2 3 4

THEN WE WILL GIVE YOU:

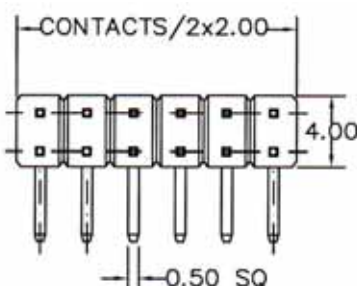
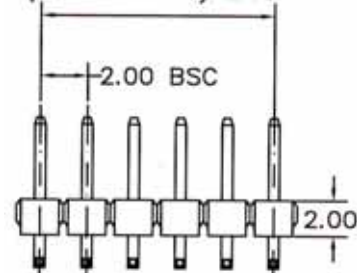
Part N.: P X X X X X X X - X X X X B
 YY MM DD 3 4

- EXTERIOR CODE:
"11D1" SINGLE ROW
"32D1" DOUBLE ROW
- DIMENSION A/B/C (UNIT: mm)
- NO. OF CONTACTS:
002 through 080
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

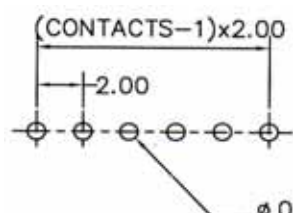
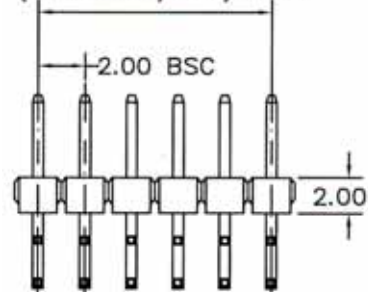
2.00MM(0.079") PIN HEADER RIGHT ANGLE TYPE PROFILE=2.00MM



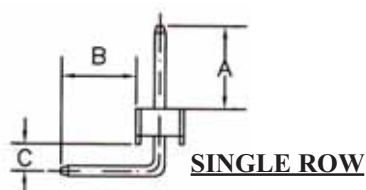
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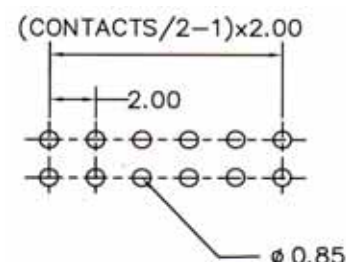
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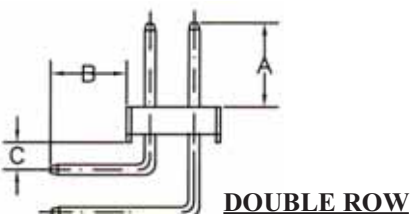
Recommended P.C.Board Layout



SINGLE ROW



Recommended P.C.Board Layout



DOUBLE ROW

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 1000V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

P.B.T or Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 0 0 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / $\frac{xx}{4}$

1. CONNECTOR TYPE:

"PG" SINGLE ROW, A/B/C= 4.0/2.8/0.9mm

"PH" SINGLE ROW, A/B/C= 3.8/3.0/0.9mm

"QS" SINGLE ROW, A/B/C= 3.0/3.0/0.9mm

"PJ" DOUBLE ROW, A/B/C= 4.0/2.8/0.9mm

"PK" DOUBLE ROW, A/B/C= 3.7/3.0/0.9mm

"QC" DOUBLE ROW, A/B/C= 6.0/2.8/0.9mm

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW

004 through 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

FOR SPECIAL TYPE GIVE US A CODE :

Code: 2 0 $\frac{xxx}{1}$ - $\frac{A/B/C}{2}$ - $\frac{xxx}{3}$ $\frac{x}{4}$ B / $\frac{xx}{5}$

THEN WE WILL GIVE YOU:

Part N.: P $\frac{xx}{yy}$ $\frac{xx}{mm}$ $\frac{xx}{dd}$ x - $\frac{xxx}{3}$ $\frac{x}{4}$ B

1. EXTERIOR CODE:

"01D1" SINGLE ROW

"22D1" DOUBLE ROW

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

3. NO. OF CONTACTS:

002 through 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

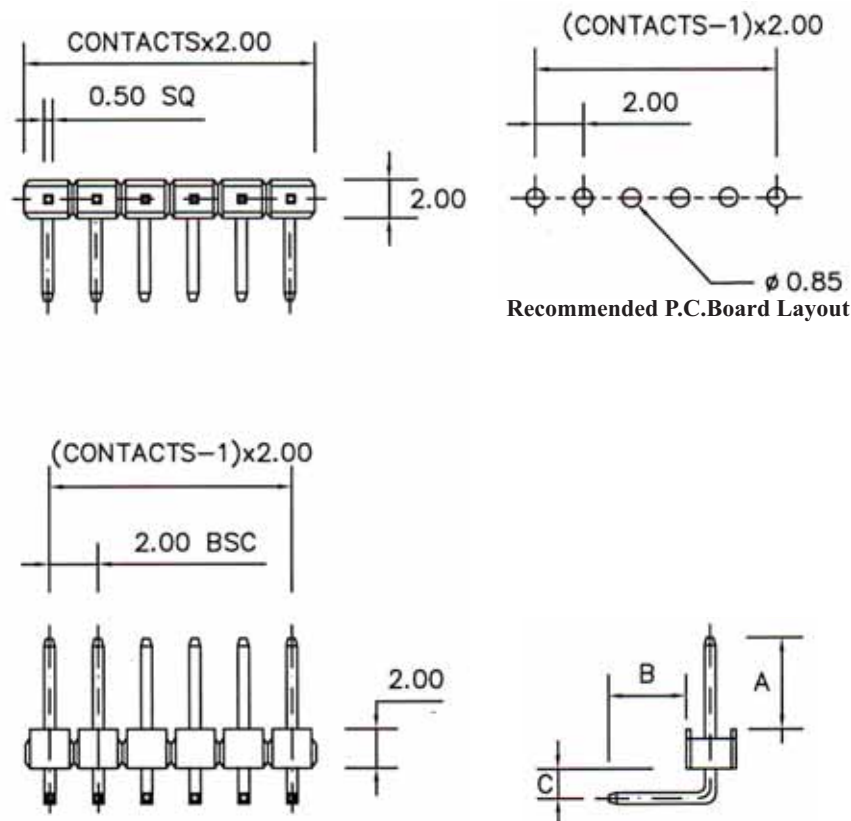
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.00MM(0.079") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=2.00MM



SPECIFICATIONS

Current Rating: 1.0 Amp
 Dielectric Withstand: 1000V AC
 Insulator Resistance: 5000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 P.B.T or Nylon-6T
 Contacts: Copper Alloys
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 0 0 1 R 1 - A/B/C - x x x x B / x x
 1 2 3 4 5

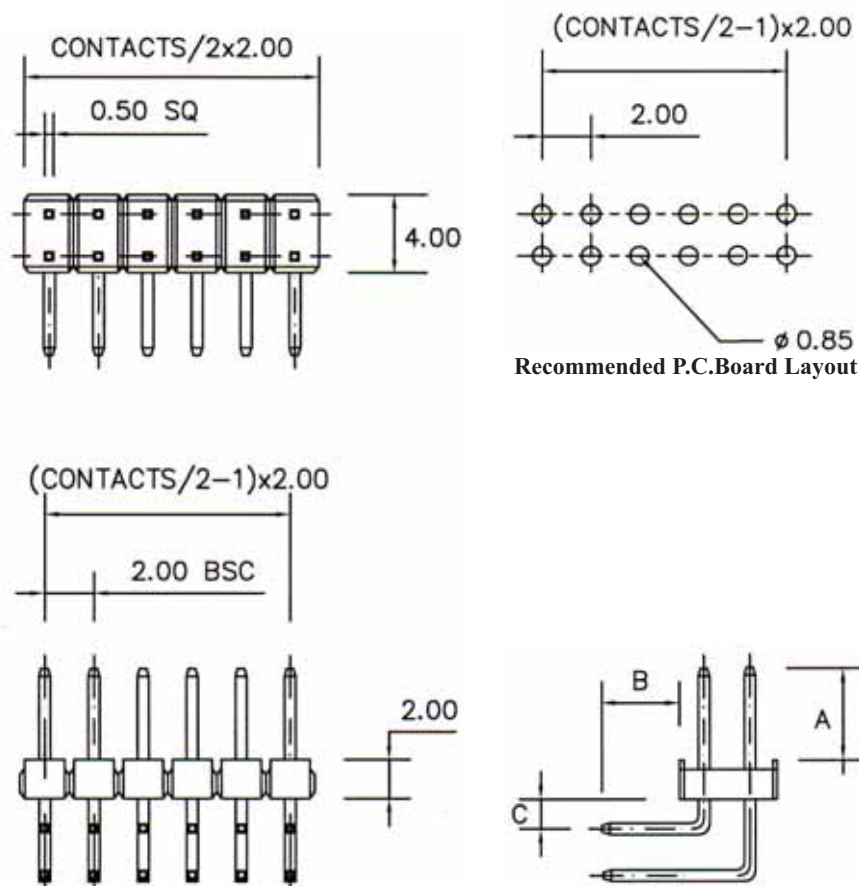
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

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

1. EXTERIOR CODE:
 "1R1" SINGLE ROW RIGHT ANGLE
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
 002 through 040
4. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

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

2.00MM(0.079") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=2.00MM



SPECIFICATIONS

Current Rating: 1.0 Amp
 Dielectric Withstand: 1000V AC
 Insulator Resistance: 5000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 P.B.T or Nylon-6T
 Contacts: Copper Alloys
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 0 2 2 R 1 - A/B/C - x x x x B / x x
 1 2 3 4 5

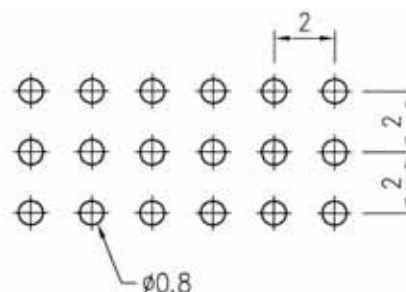
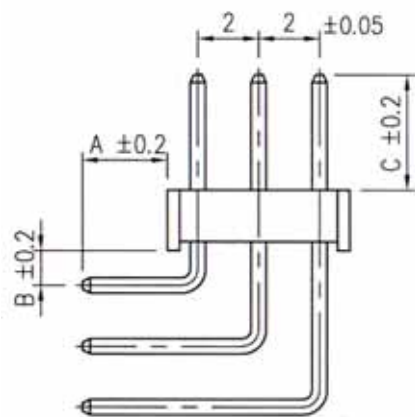
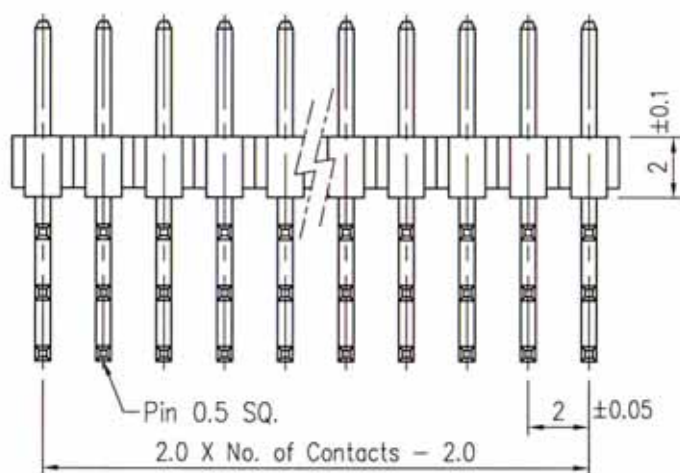
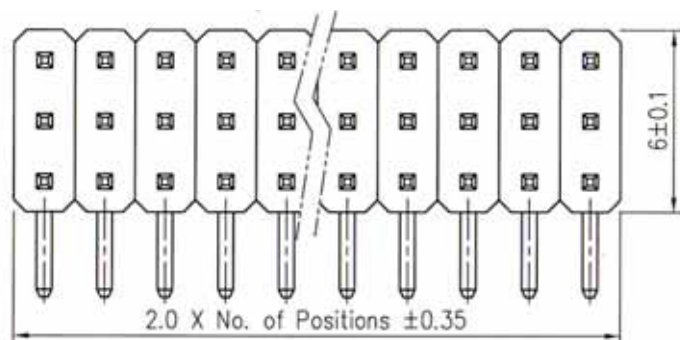
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

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

1. EXTERIOR CODE:
 "2R1" DOUBLE ROW RIGHT ANGLE
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
 004 through 080
4. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

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

2.00MM(0.079") PIN HEADER TRIPLE ROW RIGHT ANGLE TYPE PROFILE=2.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Polyester, UL94V-0
Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

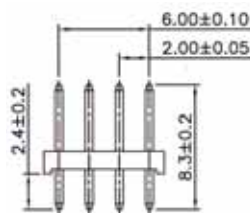
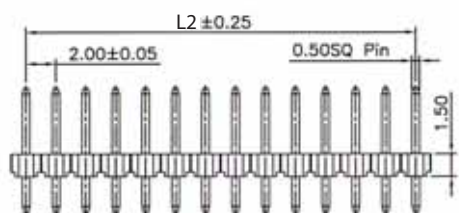
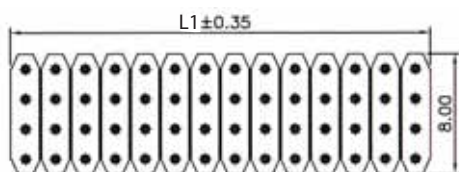
CODE: 2 0 2 3 D 1 - A/B/C - x x x x B
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

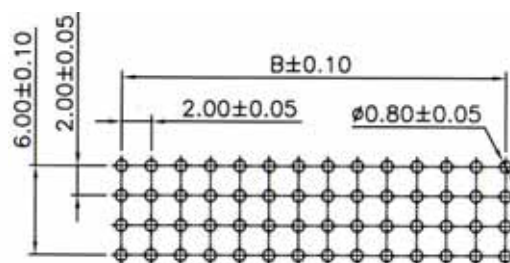
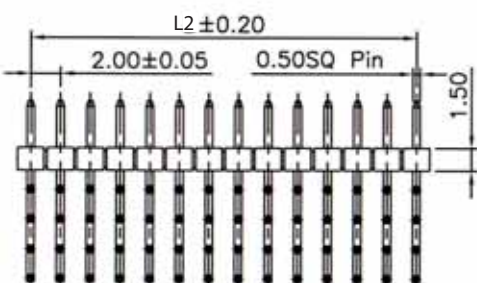
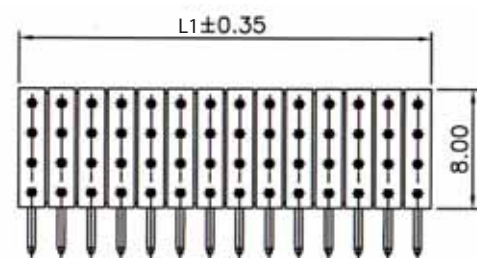
P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:
"3D1" TRIPLE ROW RIGHT ANGLE
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
009 through 120
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

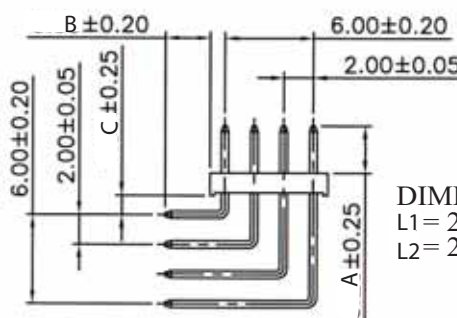
2.00MM(0.079") PIN HEADER QUAD ROW DIP TYPE PROFILE=1.50MM



200QA



Recommended P.C.Board Layout



200QD

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

DIMENSIONS:

L1= 2.0 x No. of Contacts / 4

L2= 2.0 x (No. of Contacts / 4 - 1)

ORDERING INFORMATION:

P/N 2 0 0 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{S}{3}$ B

1. TERMINAL TYPE:

"QA" STRAIGHT TYPE

"QD" RIGHT ANGLE TYPE

A/B/C= 3.20 / 3.05 / 1.30 mm

2. NO. OF CONTACTS:

024 through 120

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

FOR SPECIAL TYPE GIVE US A CODE :

Code: 2 0 4 $\frac{4D1}{1}$ - $\frac{A/B/C}{2}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B

THEN WE WILL GIVE YOU:

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

1. EXTERIOR CODE:

"4D1" QUAD ROW RIGHT ANGLE

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

3. NO. OF CONTACTS:

008 through 120

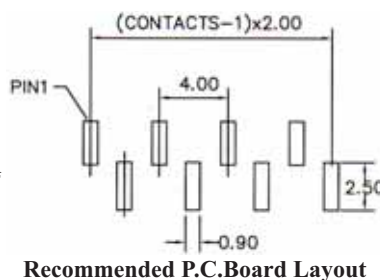
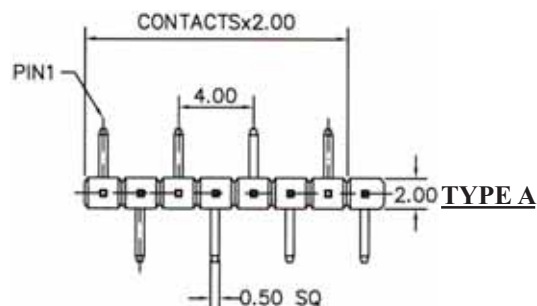
4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.50MM



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

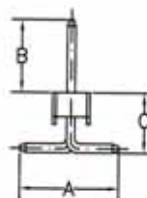
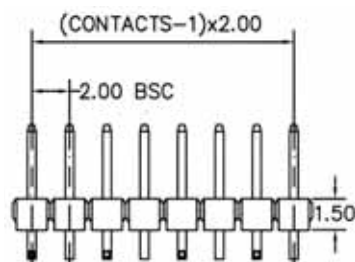
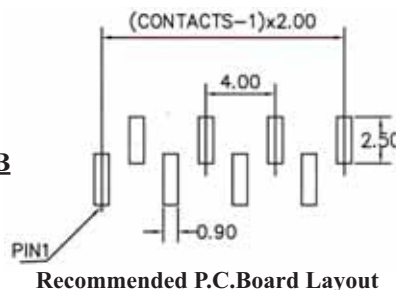
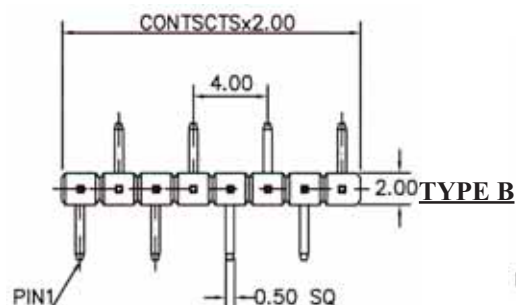
MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 0 0 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B - $\frac{X}{4}$

1. CONNECTOR TYPE:

"UA" TYPE A & A/B/C= 7.0/4.0/2.6

"UG" TYPE B & A/B/C= 7.0/4.0/2.6

"UD" TYPE A & A/B/C= 6.0/4.0/2.6

"UK" TYPE B & A/B/C= 6.0/4.0/2.6

2. NO. OF CONTACTS:

002 through 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

FOR SPECIAL TYPE GIVE US A CODE :

Code: 2 0 $\frac{XXX}{1}$ - $\frac{A/B/C}{2}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B

THEN WE WILL GIVE YOU:

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

1. EXTERIOR CODE:

"11M1" PROFILE H=1.5mm

"01M1" PROFILE H=2.0mm

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

3. NO. OF CONTACTS:

002 through 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

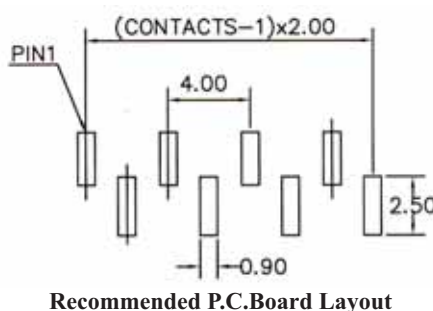
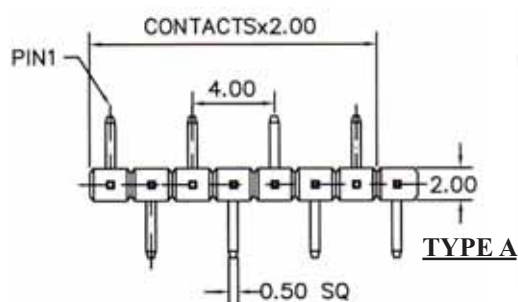
6. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

2.00MM(0.079") PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.00MM

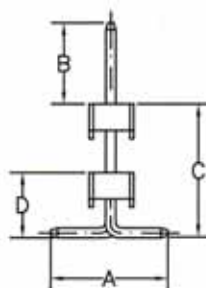
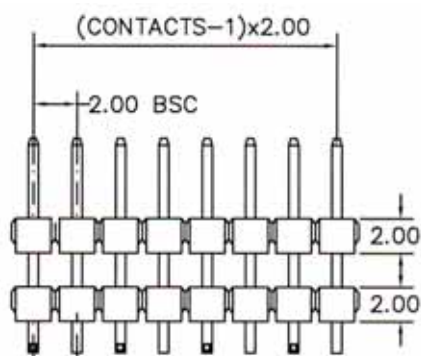
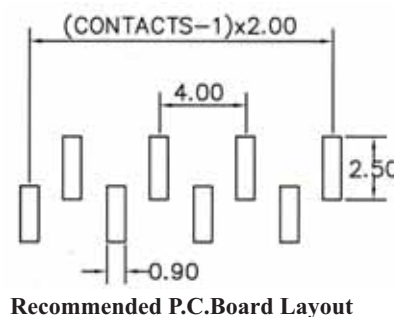
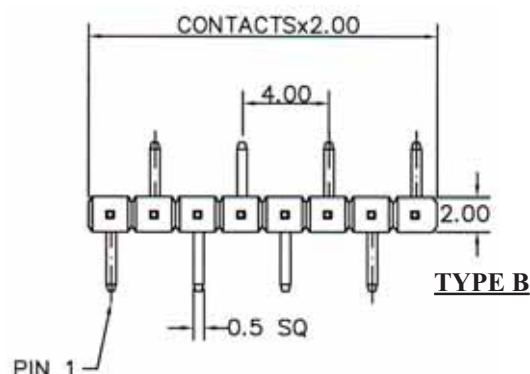


SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 1000V AC
Insulator Resistance: 5000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -55°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
Nylon-6T
Contacts: Copper Alloy
All materials must be RoHS compliant.



ORDERING INFORMATION:

CODE: 2 0 0 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

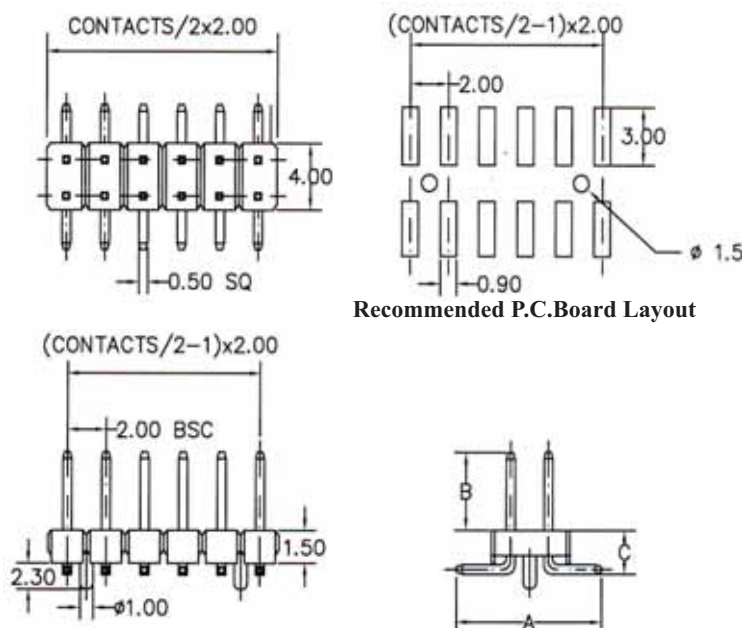
P/N P x x x x x x x - x x x x B
YY MM DD 3 4

1. EXTERIOR CODE:
"1M4" SINGLE ROW SMT TYPE
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
002 through 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

2.00MM(0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE= 1.50MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp
 Dielectric Withstand: 1000V AC
 Insulator Resistance: 5000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -55°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T
 Contacts: Copper Alloy
 All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 0 0 $\frac{XX}{1} - \frac{XXX}{2} \frac{X}{3} B - \frac{X}{4}$

- CONNECTOR TYPE:
 "PT" A/B/C= 7.0/4.0/2.6mm W/O LOCATING PEG
 "PU" A/B/C= 7.0/4.0/2.6mm WITH LOCATING PEG
 "PV" A/B/C= 6.0/4.0/2.6mm W/O LOCATING PEG
 "PW" A/B/C= 6.0/4.0/2.6mm WITH LOCATING PEG
 "GP" A/B/C= 6.5/4.0/2.2mm W/O LOCATING PEG
 "GR" A/B/C= 6.5/4.0/2.2mm WITH LOCATING PEG
- NO. OF CONTACTS:
 004 through 080
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED
- 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

FOR SPECIAL TYPE GIVE US A CODE :

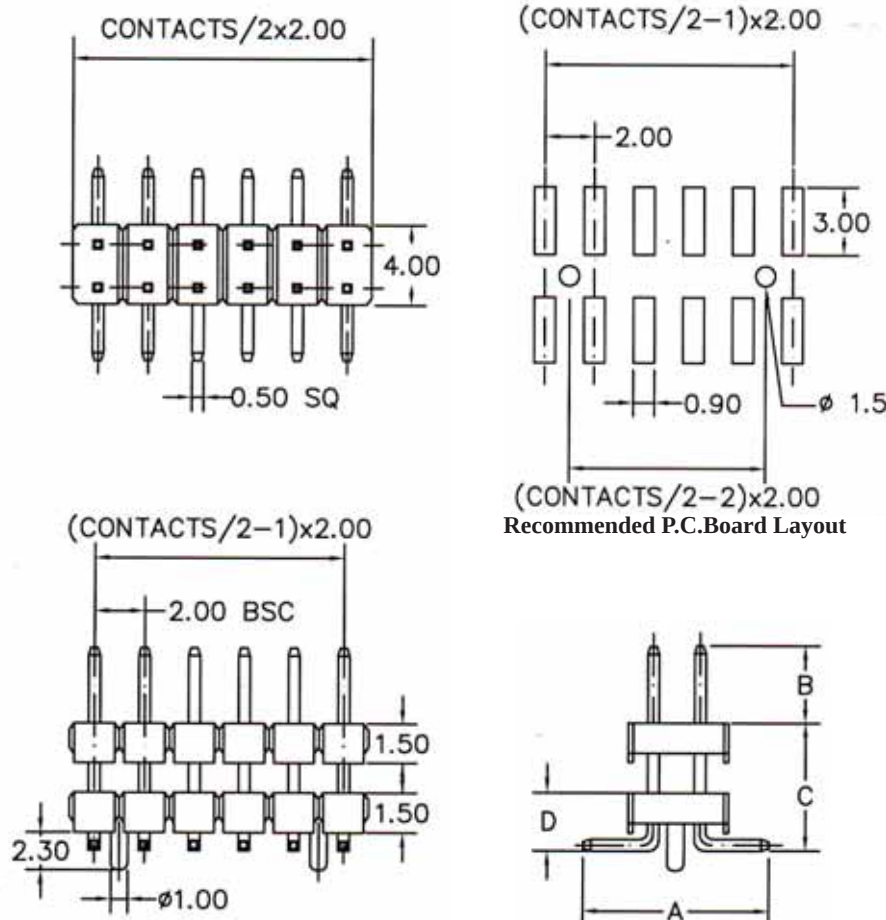
Code: 2 0 3 $\frac{2}{1} M - \frac{A/B/C}{2} - \frac{XXX}{3} \frac{X}{4} B - \frac{X}{5}$

THEN WE WILL GIVE YOU:

Part N.: P $\frac{XXX}{YY} \frac{XXX}{MM} \frac{XXX}{DD} - \frac{XXX}{3} \frac{X}{4} B$

- EXTERIOR CODE:
 "2M2" W/O LOCATING PEG
 "2M3" WITH LOCATING PEG
- DIMENSION A/B/C (UNIT: mm)
- NO. OF CONTACTS:
 002 through 080
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED
- PAD & PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

2.00MM(0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=1.50MM



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 1000V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 0 3 $\frac{2}{1} \frac{M}{x} - \frac{A/B/C/D}{2} - \frac{x}{3} \frac{x}{4} \frac{x}{5} B - \frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N $\frac{P}{YY} \frac{x}{MM} \frac{x}{DD} x - \frac{x}{3} \frac{x}{4} \frac{x}{5} B$

1. EXTERIOR CODE:

"2M4" W/O LOCATING PEG

"2M7" WITH LOCATING PEG

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

3. NO. OF CONTACTS:

004 through 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

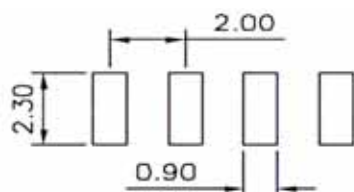
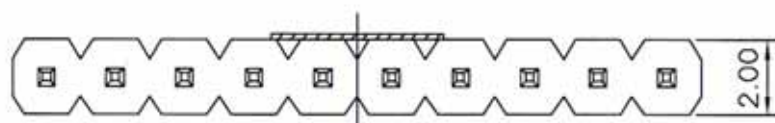
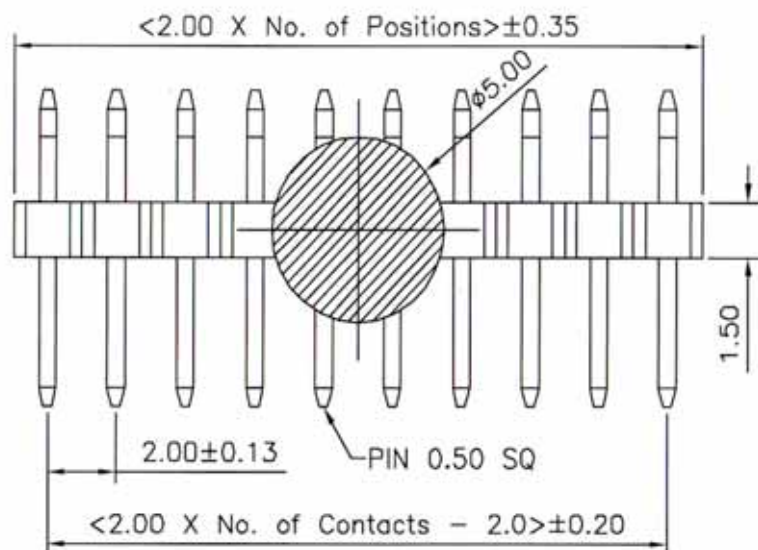
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=1.50MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

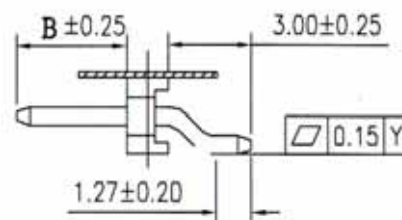
MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.



ORDERING INFORMATION:

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

1. PIN LENGTH:

"NG" B= 4.00mm

"NJ" B= 6.00mm

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

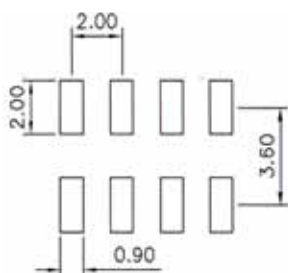
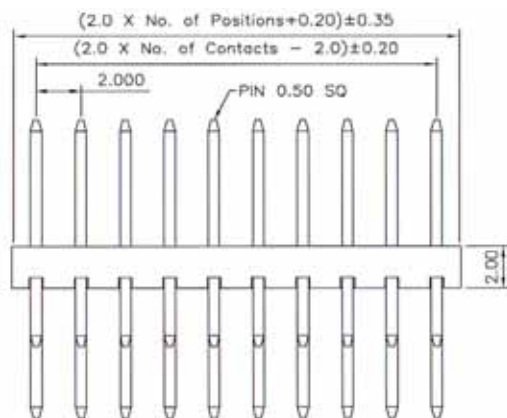
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

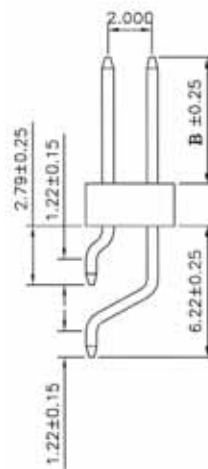
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 0 0 $\frac{x}{1} \frac{x}{2} - \frac{x}{3} \frac{x}{4} \frac{x}{5} B - \frac{x}{6}$

1. PIN LENGTH:

"ND" B= 4.00mm

"NH" B= 3.85mm

"NK" B= 6.00mm

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

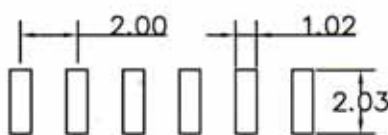
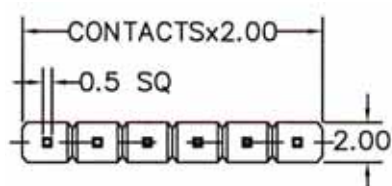
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

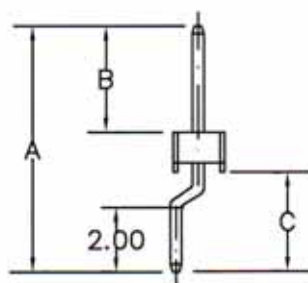
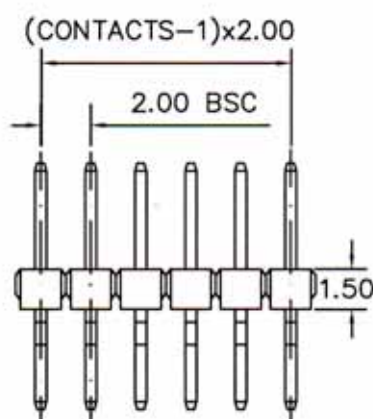
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 1000V AC
Insulator Resistance: 5000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T
Contacts: Copper Alloys
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 0 1 1 J 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

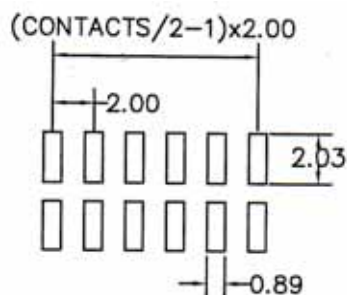
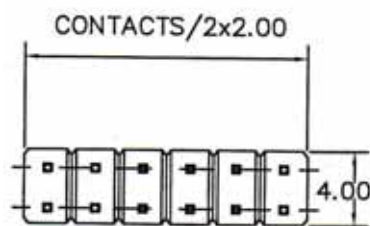
YY MM DD 3 4

1. EXTERIOR CODE:
"1J1" SINGLE ROW RIGHT ANGLE SMT
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
002 through 040
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

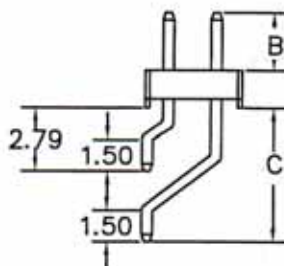
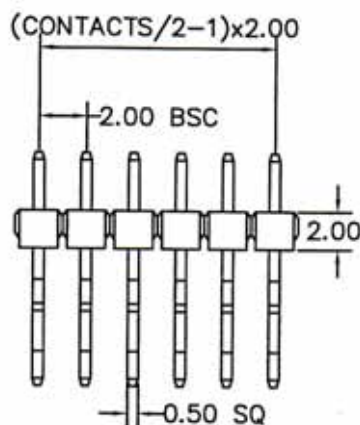
5. PAD & PACKAGE OPTION:
"0" BULK PACKAGE
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 1000V AC
Insulator Resistance: 5000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -55°C to +105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T
Contacts: Copper Alloys
 All materials must be RoHS compliant.

ORDERING INFORMATION:

CODE: 2 0 2 2 J 1 - B/C - x x x x B - x x

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

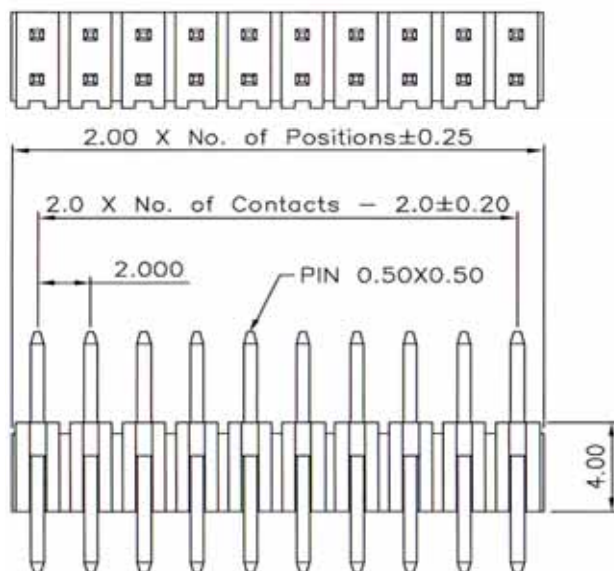
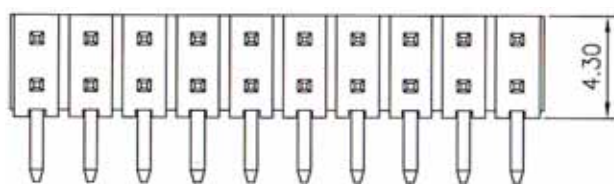
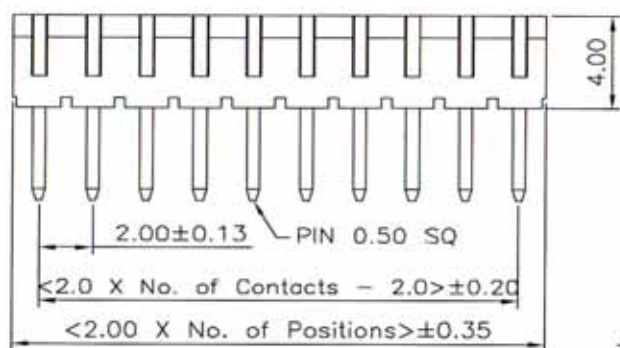
P/N P x x x x x x x - x x x x B

1. EXTERIOR CODE:
"2J1" DOUBLE ROW RIGHT ANGLE SMT
2. DIMENSION B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 through 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

5. LOCATING PEG OPTION:
"0" W/O LOCATING PEG
6. 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

2.00MM(0.079") PIN HEADER DOUBLE ROW DIP TYPE PROFILE=4.00MM



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

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

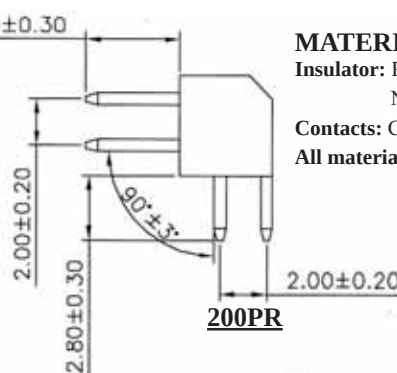
MATERIALS

Insulator: Polyester, UL94V-0

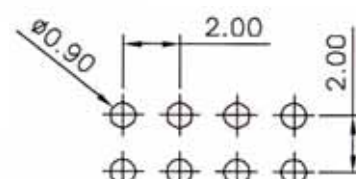
Nylon-6T

Contacts: Copper Alloy

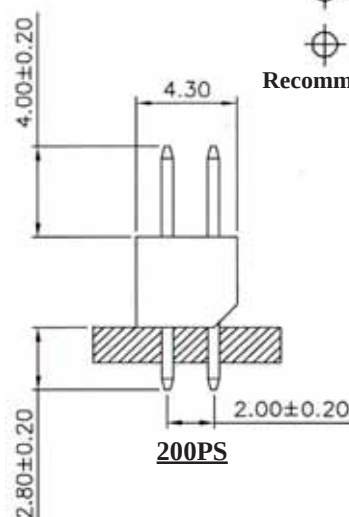
All materials must be RoHS compliant.



200PR



Recommended P.C.Board Layout



200PS

ORDERING INFORMATION:

P/N 200 $\frac{1}{\text{X}}$ - $\frac{2}{\text{X}}$ $\frac{3}{\text{X}}$ B

1. TERMINAL TYPE:

"PR" RIGHT ANGLE TYPE

"PS" STRAIGHT TYPE

2. NO. OF CONTACTS:

006 through 080

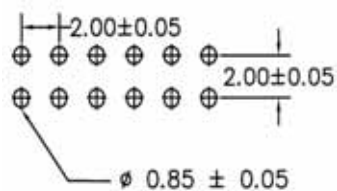
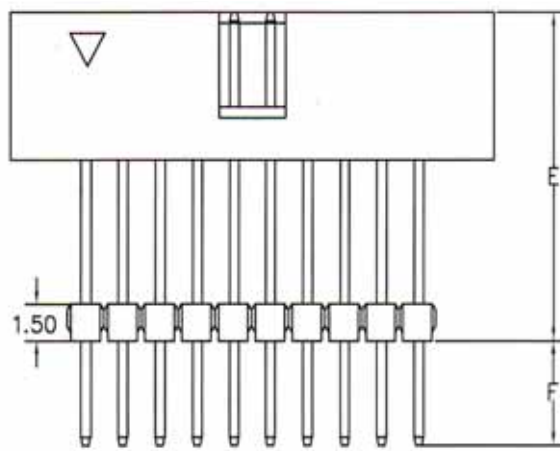
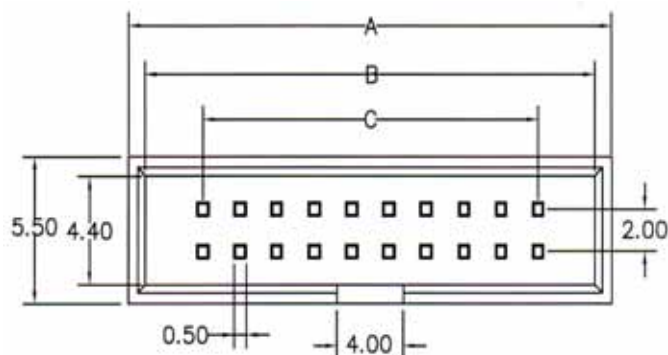
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") ELEVATED BOX HEADER DIP TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +105°C

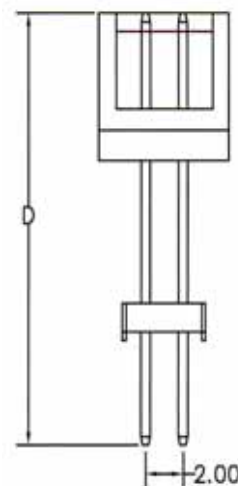
MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

CODE: 2 0 1 2 S 2 - $\frac{D}{E/F} - \frac{x}{2} \frac{x}{3} B$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{x}{YY} \frac{x}{MM} \frac{x}{DD} x - \frac{x}{2} \frac{x}{3} B$

1. DIMENSION D/E/F (UNIT: mm)

2. NO. OF CONTACTS:

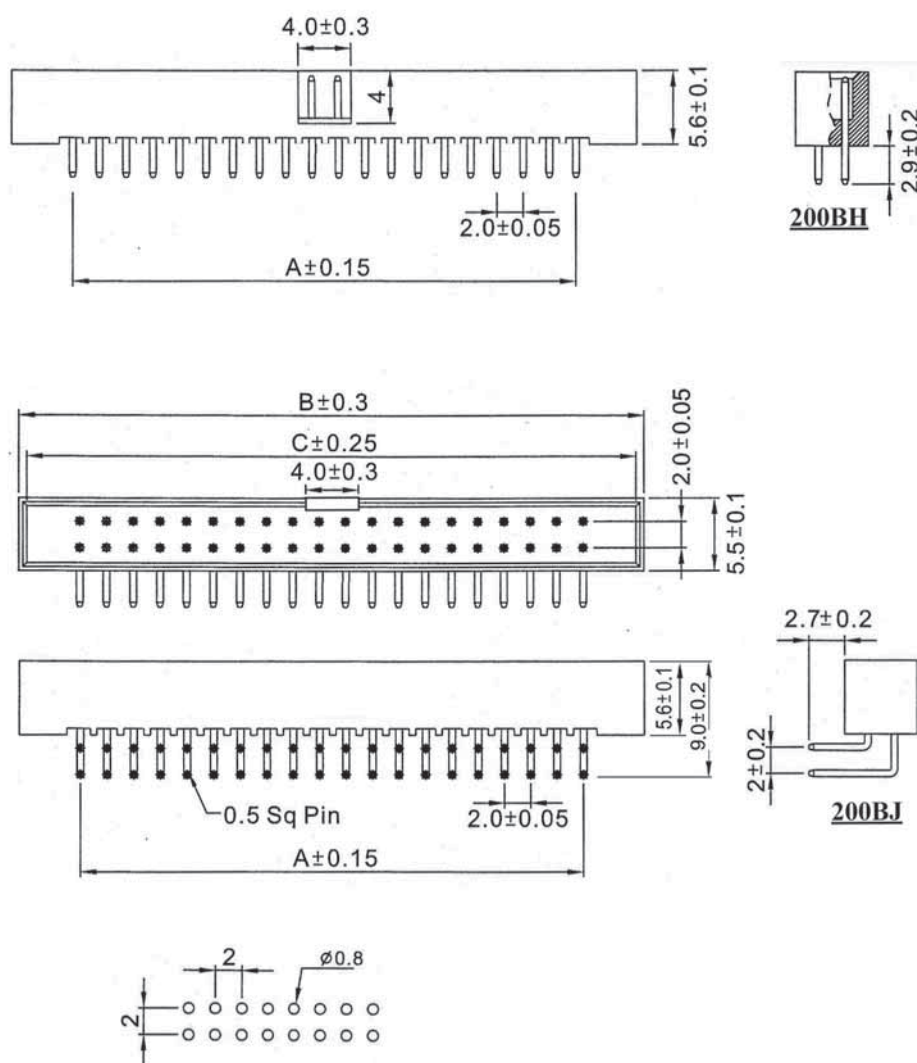
006 through 068

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") BOX HEADER DIP TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

Max Process Temp: 230°C for 30~60 Sec.
(260°C for 10 seconds)

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
6	4.00	13.20	12.10
8	6.00	15.20	14.10
10	8.00	17.20	16.10
12	10.00	19.20	18.10
14	12.00	21.20	20.10
16	14.00	23.20	22.10
18	16.00	25.20	24.10
20	18.00	27.20	26.10
22	20.00	29.20	28.10
24	22.00	31.20	30.10
26	24.00	33.20	32.10
28	26.00	35.20	34.10
30	28.00	37.20	36.10
32	30.00	39.20	38.10
34	32.00	41.20	40.10
36	34.00	43.20	42.10
38	36.00	45.20	44.10
40	38.00	47.20	46.10
44	42.00	51.20	50.10
50	48.00	57.20	56.10
54	52.00	61.20	60.10
56	54.00	63.20	62.10
60	58.00	67.20	66.10
62	60.00	69.20	68.10
64	62.00	71.20	70.10
68	66.00	75.20	74.10

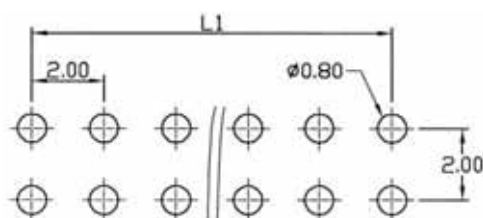
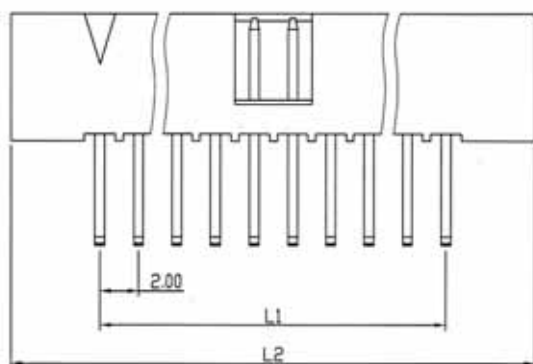
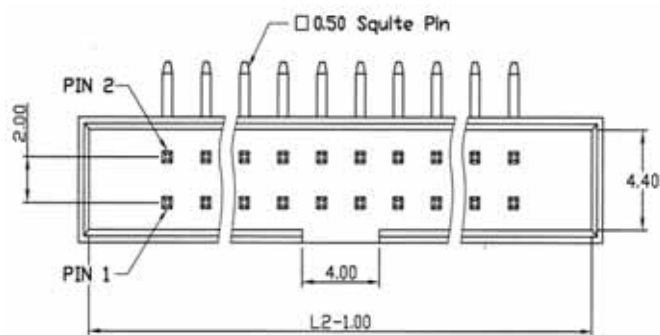
ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ $\frac{B}{4}$

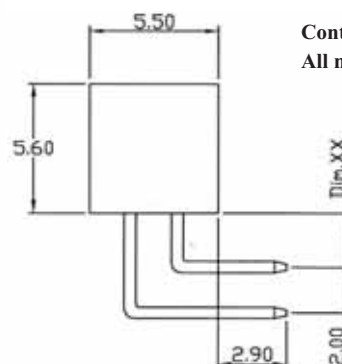
1. TERMINAL TYPE:
"BH" STRAIGHT
"BJ" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
006 through 068
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR COLOR:
"B" BLACK (STANDARD)
"A" GRAY
"R" RED
"U" BLUE
"W" WHITE
"Y" YELLOW

2.00MM(0.079") BOX HEADER RIGHT ANGLE TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	4.00	13.20
08	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

ORDERING INFORMATION:

CODE: 2 1 1 2 R 6 - $\frac{XX}{1} - \frac{XXX}{2} \frac{X}{3} B$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{XX}{YY} \frac{XX}{MM} \frac{XX}{DD} X - \frac{XXX}{2} \frac{X}{3} B$

1. DIMENSION XX (UNIT:mm)

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024,
026, 030, 034, 040, 044, 050, 068

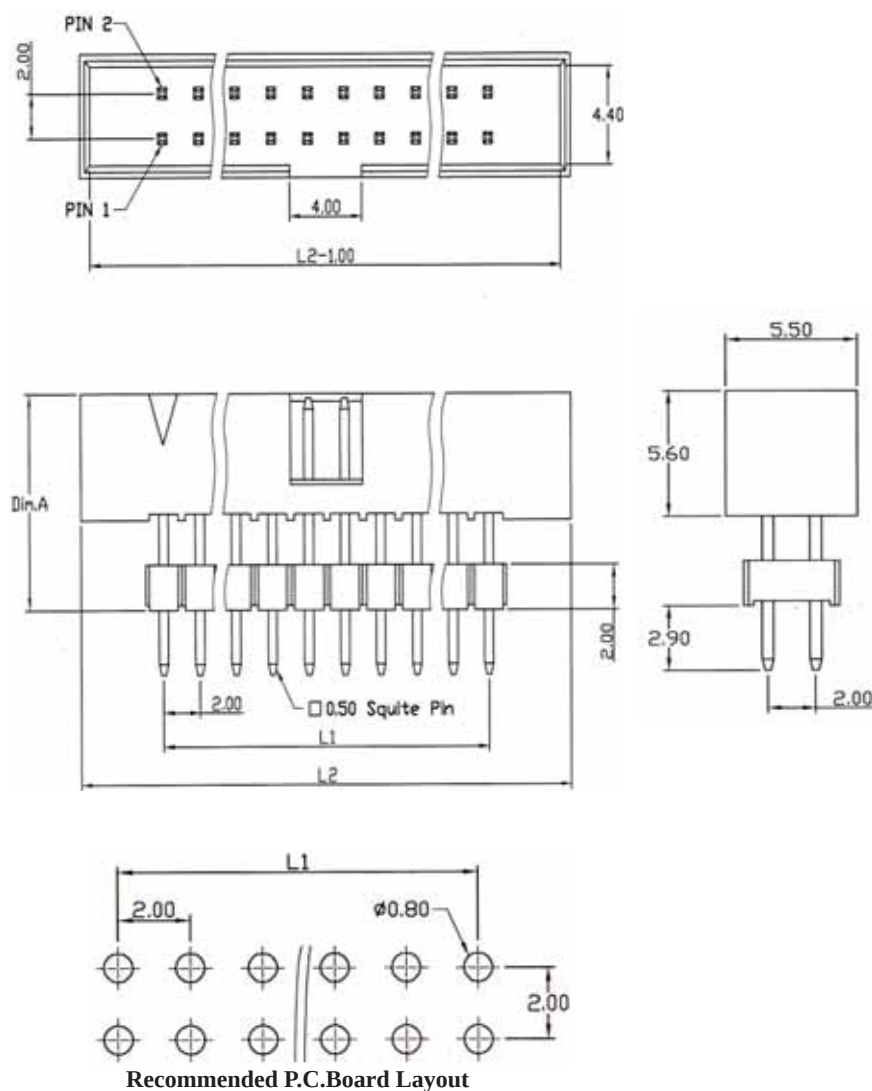
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

NOTE: **REVERSE** TYPE WITH OPPOSITE
POLARIZATION WINDOWS,
PLS USE **2112D6...** AS INITIAL CODE

2.00MM(0.079") ELEVATED BOX HEADER DUAL BODY STRAIGHT TYPE



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0
Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	4.00	13.20
08	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

ORDERING INFORMATION:

CODE: 2 1 1 2 S 2 - $\frac{A}{1}$ - $\frac{xx}{2}$ $\frac{xx}{3}$ B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{xx}{YY}$ $\frac{xx}{MM}$ $\frac{xx}{DD}$ x - $\frac{xx}{2}$ $\frac{xx}{3}$ B

1. DIMENSION A (UNIT:mm)

2. NO. OF CONTACTS:

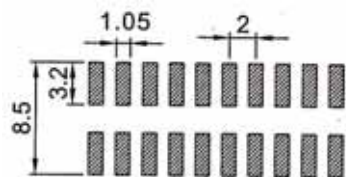
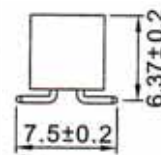
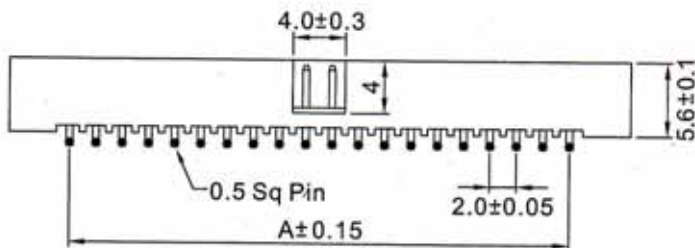
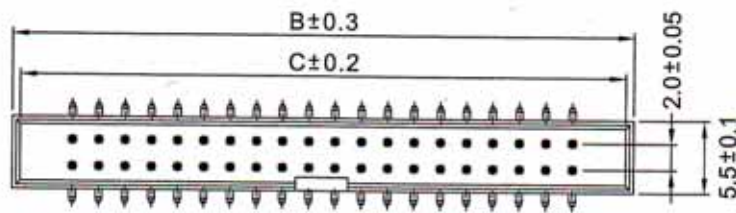
006, 008, 010, 012, 014, 016, 020, 024,
026, 030, 034, 040, 044, 050, 068

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.00MM(0.079") BOX HEADER SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

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

Max Process Temp: 230°C for 30~60 Sec.
(260°C for 10 seconds)

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
06	4.00	13.20	12.10
08	6.00	15.20	14.10
10	8.00	17.20	16.10
12	10.00	19.20	18.10
14	12.00	21.20	20.10
16	14.00	23.20	22.10
18	16.00	25.20	24.10
20	18.00	27.20	26.10
22	20.00	29.20	28.10
24	22.00	31.20	30.10
26	24.00	33.20	32.10
28	26.00	35.20	34.10
30	28.00	37.20	36.10
32	30.00	39.20	38.10
34	32.00	41.20	40.10
36	34.00	43.20	42.10
38	36.00	45.20	44.10
40	38.00	47.20	46.10
44	42.00	51.20	50.10
50	48.00	57.20	56.10
54	52.00	61.20	60.10
56	54.00	63.20	62.10
60	58.00	67.20	66.10
62	60.00	69.20	68.10
64	62.00	71.20	70.10
68	66.00	75.20	74.10

ORDERING INFORMATION:

P/N 2 0 0 B S - x x x x B - x
1 2 3 4

1. TERMINAL TYPE:

"BS" SMT TYPE

2. NO. OF CONTACTS:

006 through 068

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

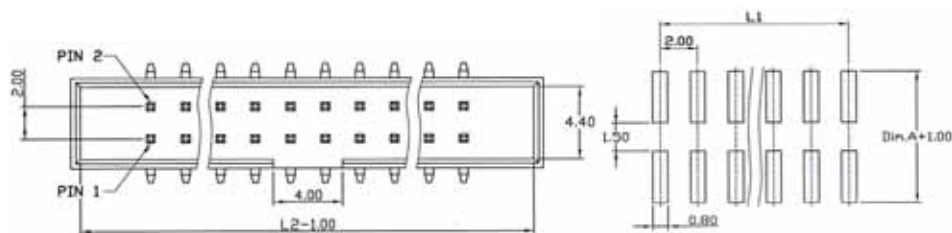
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

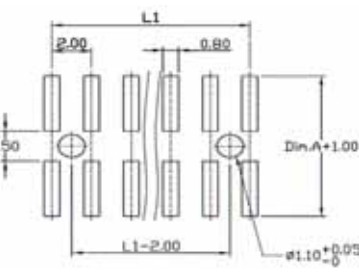
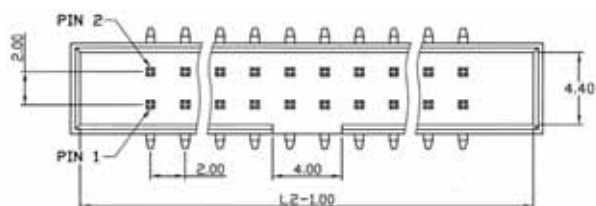
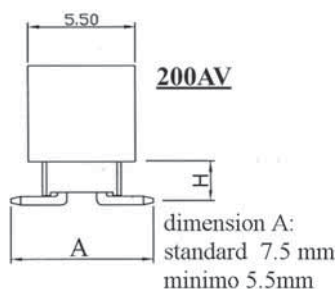
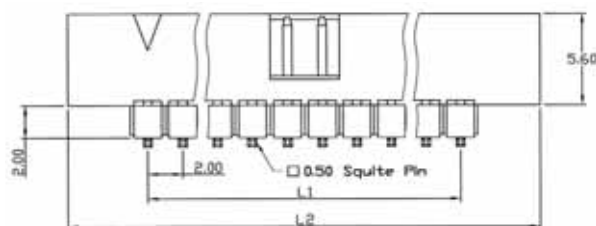
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

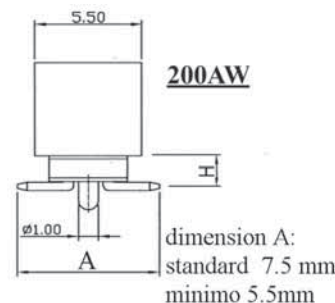
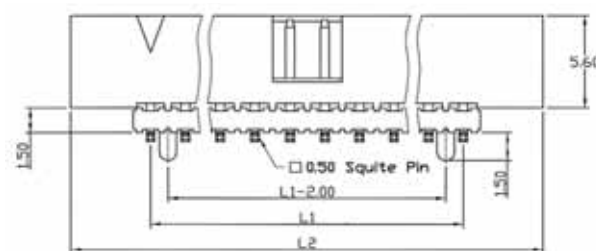
2.00MM(0.079") BOX HEADER SMT TYPE



Recommended P.C.Board Layout



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
6	4.00	13.20
8	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:

"AV" W/O LOCATING PEG H=2.0mm

"AW" WITH LOCATING PEG H=2.0mm

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 044, 050, 068

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

FOR SPECIAL TYPE GIVE US A CODE :

Code: 2 1 $\frac{x}{1} x x x - \frac{H}{2} / \frac{A}{3} - \frac{x}{4} x x B - \frac{x}{5}$

THEN WE WILL GIVE YOU:

Part N.: P $\frac{x}{Y} x x x x x x x - \frac{x}{Y Y} x x x x B \frac{x}{M M} \frac{x}{D D} \frac{x}{3} \frac{x}{4}$

1. EXTERIOR CODE:

"12T6" W/O LOCATING PEG

"02T5" WITH LOCATING PEG

2. DIMENSION H/A (UNIT: mm)

3. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 044, 050, 068

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

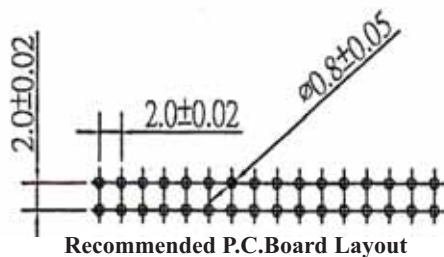
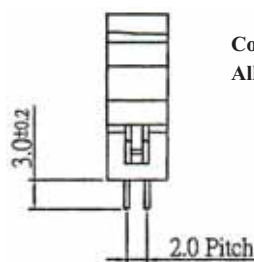
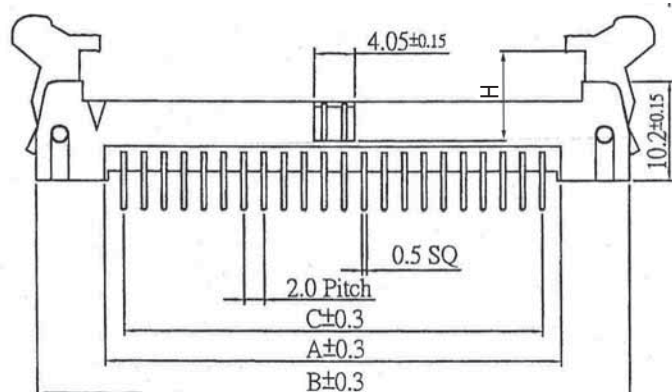
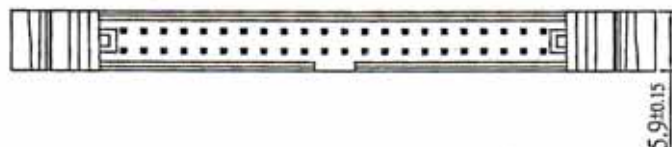
5. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

2.00MM(0.079") SHROUDED HEADER STRAIGHT TYPE



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-9T

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
10	10.00	25.90	8.00
12	12.00	27.90	10.00
14	14.00	29.90	12.00
16	16.00	31.90	14.00
20	20.00	35.90	18.00
22	22.00	37.90	22.00
24	24.00	39.90	22.00
26	26.00	41.90	24.00
30	30.00	45.90	28.00
32	32.00	47.90	30.00
34	34.00	49.90	32.00
40	40.00	55.90	38.00
44	44.00	59.90	42.00
50	50.00	65.90	48.00
60	60.00	75.90	58.00

ORDERING INFORMATION:

P/N 2 0 0 B G - x x x x B
1 2 3

1. TERMINAL TYPE:

"BG" STRAIGHT TYPE H= 9.2

"BU" STRAIGHT TYPE H= 11.5

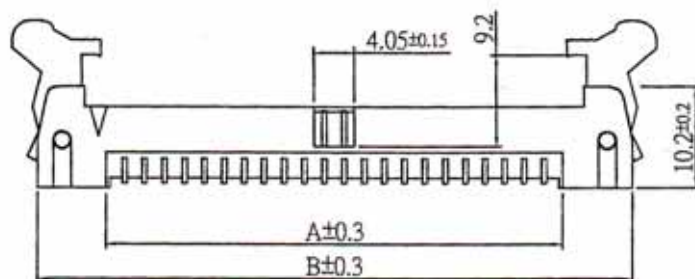
2. NO. OF CONTACTS:

010, 012, 014, 016, 020, 022, 024, 026,
030, 032, 034, 040, 044, 050, 060

3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.00MM(0.079") SHROUDED HEADER RIGHT ANGLE TYPE



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

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

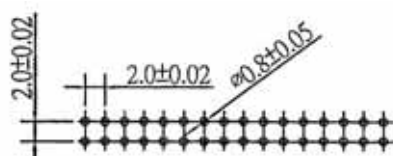
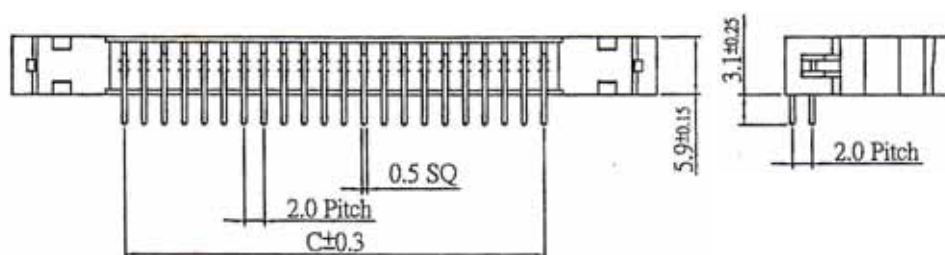
MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-9T

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)		
	A	B	C
10	10.00	25.90	8.00
12	12.00	27.90	10.00
14	14.00	29.90	12.00
16	16.00	31.90	14.00
20	20.00	35.90	18.00
22	22.00	37.90	22.00
24	24.00	39.90	22.00
26	26.00	41.90	24.00
30	30.00	45.90	28.00
32	32.00	47.90	30.00
34	34.00	49.90	32.00
40	40.00	55.90	38.00
44	44.00	59.90	42.00
50	50.00	65.90	48.00
60	60.00	75.90	58.00

ORDERING INFORMATION:

P/N 2 0 0 B R - x x x B
 1 2 3

1. TERMINAL TYPE:

"BR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

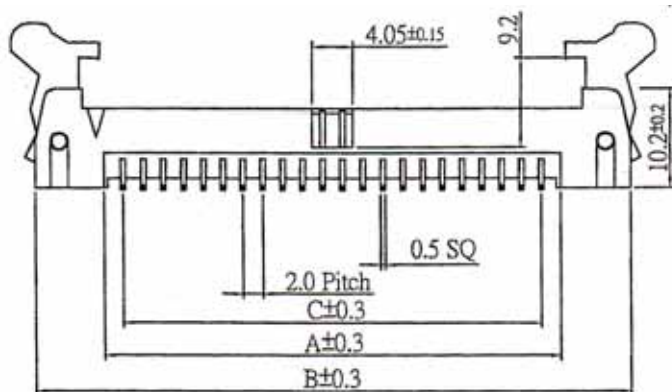
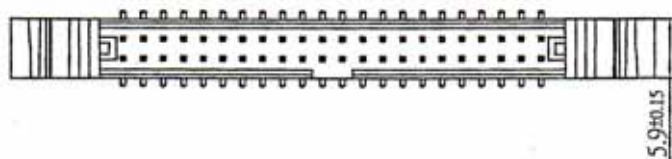
010, 012, 014, 016, 020, 022, 024, 026,

030, 032, 034, 040, 044, 050, 060

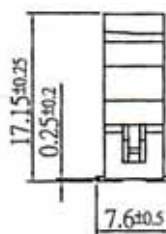
3. CONTACT FINISH:

"G" FULL GOLD PLATED

2.00MM(0.079") SHROUDED HEADER SMT TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

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

MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-9T

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
10	10.00	25.90	8.00
12	12.00	27.90	10.00
14	14.00	29.90	12.00
16	16.00	31.90	14.00
20	20.00	35.90	18.00
22	22.00	37.90	22.00
24	24.00	39.90	22.00
26	26.00	41.90	24.00
30	30.00	45.90	28.00
32	32.00	47.90	30.00
34	34.00	49.90	32.00
40	40.00	55.90	38.00
44	44.00	59.90	42.00
50	50.00	65.90	48.00
60	60.00	75.90	58.00

ORDERING INFORMATION:

P/N 2 0 0 B W - x x x x B - x
1 2 3 4

1. TERMINAL TYPE:

"BW" SMT TYPE

2. NO. OF CONTACTS:

010, 012, 014, 016, 020, 022, 024, 026,

030, 032, 034, 040, 044, 050, 060

3. CONTACT FINISH:

"G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

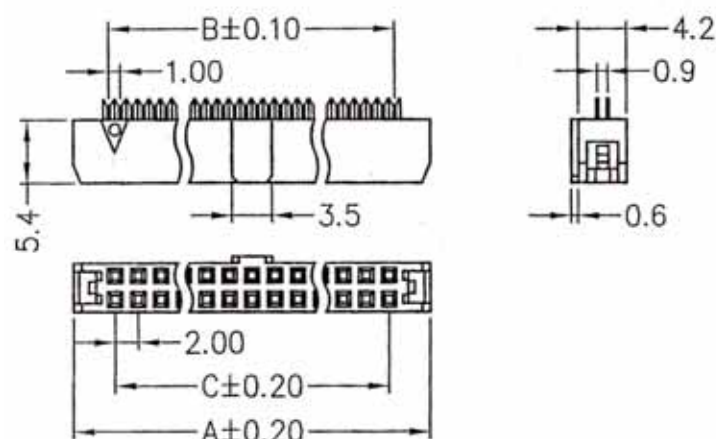
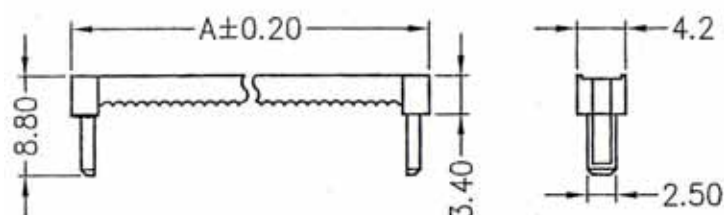
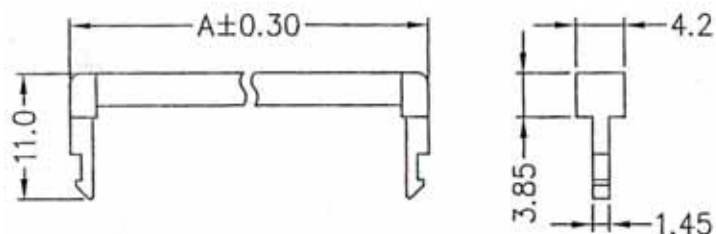
"C" WITH PAD IN TRAY

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

NOTE: PAD = Pick & Place Pad

2.00MM(0.079") IDC SOCKET FOR 1.00MM PITCH FLAT CABLE



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 15mΩ Max.

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

MATERIALS

Insulator: Glass, UL94V-0

P.B.T

Contacts: Copper Alloy

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
06	11.20	5.00	4.00
08	13.20	7.00	6.00
10	15.20	9.00	8.00
12	17.20	11.00	10.00
14	19.20	13.00	12.00
16	21.20	15.00	14.00
18	23.20	17.00	16.00
20	25.20	19.00	18.00
22	27.20	21.00	20.00
24	29.20	23.00	22.00
26	31.20	25.00	24.00
28	33.20	27.00	26.00
30	35.20	29.00	28.00
32	37.20	31.00	30.00
34	39.20	33.00	32.00

No. of Contacts	Dimensions(mm)		
	A	B	C
36	41.20	35.00	34.00
38	43.20	37.00	36.00
40	45.20	39.00	38.00
44	49.20	43.00	42.00
48	53.20	47.00	46.00
50	55.20	49.00	48.00
54	59.20	53.00	52.00
56	61.20	55.00	54.00
60	65.20	59.00	58.00
62	67.20	61.00	60.00
64	69.20	63.00	62.00
68	73.20	67.00	66.00
80	85.20	79.00	78.00
100	105.20	99.00	98.00

ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{S}{3}$ B

1. CONNECTOR TYPE:

"DS" W/O POLAZING NOSE &
W/O STRAIN RELIEF

"DW" W/O POLAZING NOSE &
WITH STRAIN RELIEF

"DN" WITH POLAZING NOSE &
W/O STRAIN RELIEF

"DM" WITH POLAZING NOSE &
WITH STRAIN RELIEF

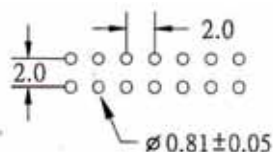
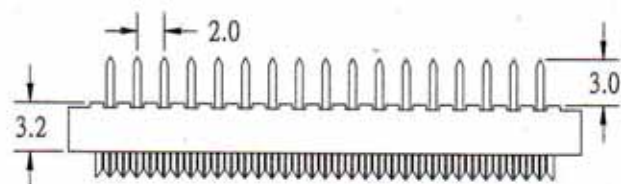
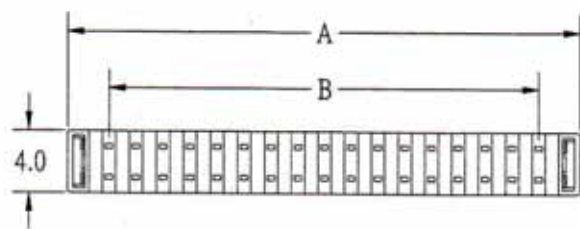
2. NO. OF CONTACTS:

006 through 100

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.00MM(0.079") DIP PLUG FOR 1.00MM PITCH FLAT CABLE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 3000 MΩ min.

Contact Resistance: 30mΩ Max.

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

MATERIALS

Insulator: Glass, UL94V-0

P.B.T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
08	12.20	6.00
10	14.20	8.00
12	16.20	10.00
14	18.20	12.00
16	20.20	14.00
20	24.20	18.00
22	26.20	20.00
24	28.20	22.00
26	30.20	24.00
30	34.20	28.00
34	38.20	32.00
40	44.20	38.00
44	48.20	42.00
50	54.20	48.00
68	72.20	66.00

ORDERING INFORMATION:

P/N 200DP - $\frac{XXX}{1} \frac{T}{2} B$

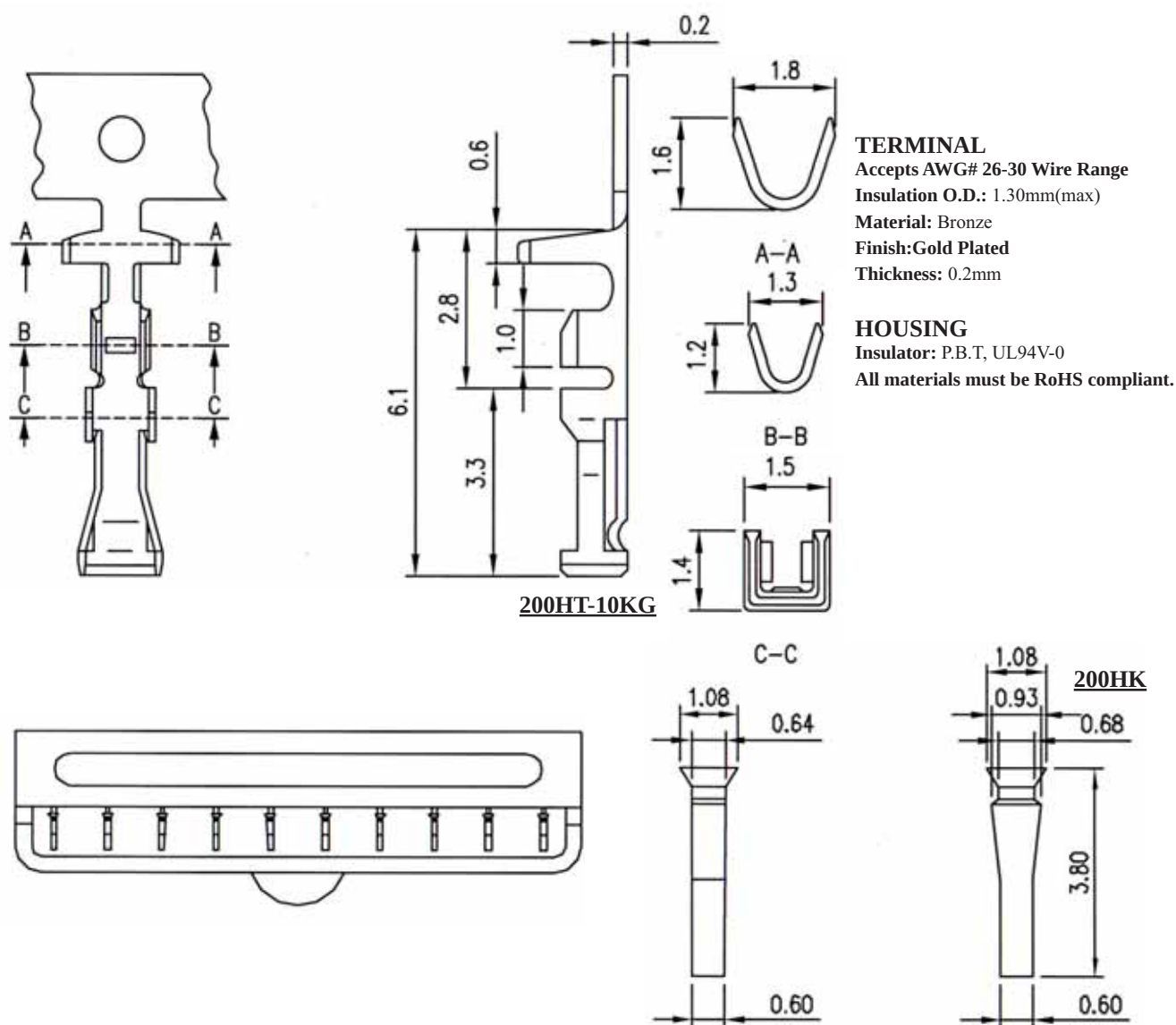
1. NO. OF CONTACTS:

008, 010, 012, 014, 016, 020, 022, 024,
026, 030, 034, 040, 044, 050, 068

2. CONTACT FINISH:

"T" FULL TIN PLATED

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (A1)



ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200HT-10KG

PU= 10.000PCS/REEL

NOTE: ACCEPTS 200HS, 200HD,
200HE & 200HL HOUSINGS

POLARIZATION KEY:

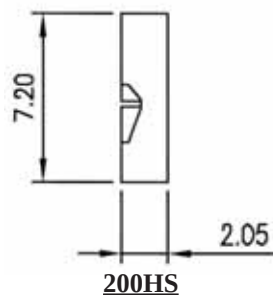
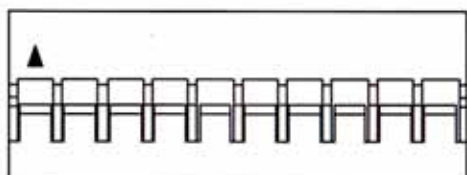
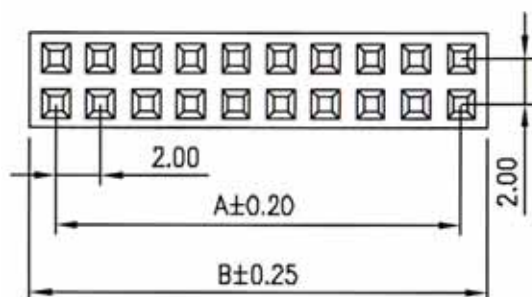
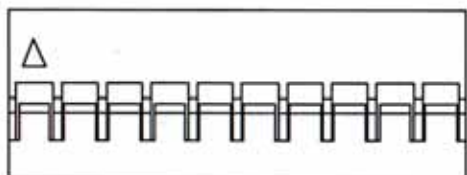
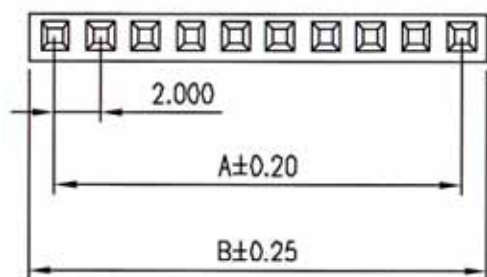
P/N 200HK-001K_X_I

1. COLOR OF KEY:

"B" BLACK
 "W" WHITE

NOTE: ACCEPTS 200HS, 200HD,
200HE & 200HL HOUSINGS

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (A2)



200HS

HOUSING

Material: Nylon 66, UL94V-0
Glass Fiber Polyester

Color: Black

All materials must be RoHS compliant.

200HS

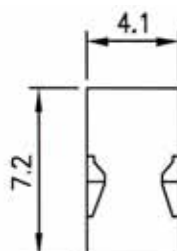
DIMENSIONS:

A = 2.0 x (No. of Contacts/Row - 1)
B = 2.3 + A

200HD

DIMENSIONS:

A = 2.0 x (No. of Contacts/2 - 1)
B = 2.3 + A



200HD

ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ H $\frac{B}{3}$

1. NO. OF ROWS:

"HS" SINGLE ROW

"HD" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW

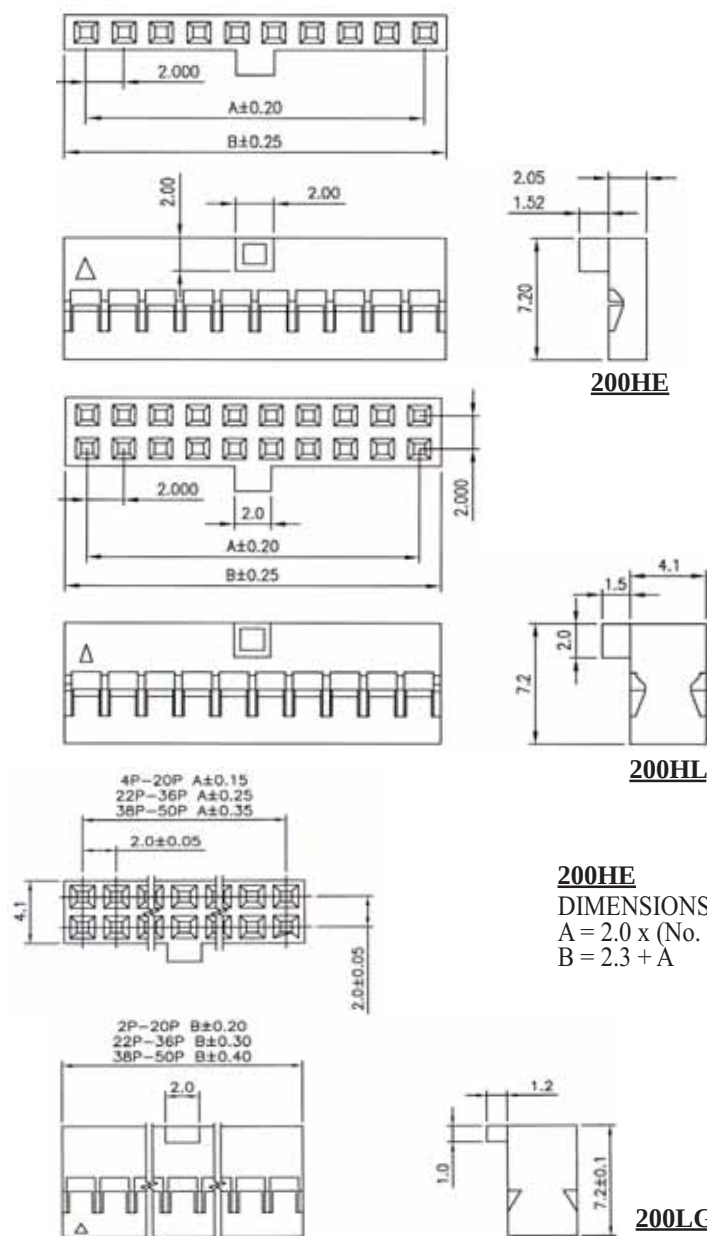
004 through 080 for DOUBLE ROW

3. INSULATOR COLOR:

"B" BLACK

NOTE: ACCEPTS 200HT TERMINAL

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (A3)



SPECIFICATIONS

Current Rating: 3.0 Amp
Dielectric Withstand: 1000V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -25°C to + 85°C

MATERIALS

Insulator: Polyester, UL94V-0
 Nylon 66
 All materials must be RoHS compliant.

200HL/200LG

No. of Contacts	Dimensions(mm)	
	A	B
04	2.00	4.20
06	4.00	6.20
08	6.00	8.20
10	8.00	10.20
12	10.00	12.20
14	12.00	14.20
16	14.00	16.20
18	16.00	18.20
20	18.00	20.20
22	20.00	22.20
24	22.00	24.20
26	24.00	26.20
28	26.00	28.20
30	28.00	30.20
32	30.00	32.20
34	32.00	34.20
36	34.00	36.20
38	36.00	38.20
40	38.00	40.20
42	40.00	42.20
44	42.00	44.20
46	44.00	46.20
48	46.00	48.20
50	48.00	50.20

200HE

DIMENSIONS:
 A = 2.0 x (No. of Contacts/Row - 1)
 B = 2.3 + A

200LG

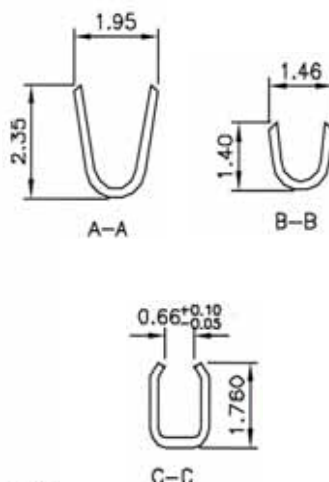
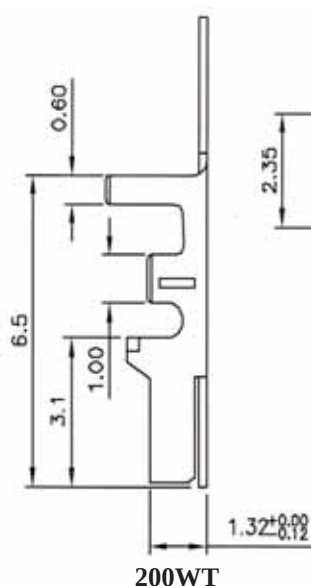
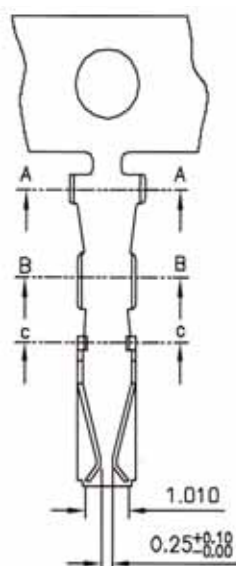
ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ H $\frac{B}{3}$

1. NO. OF ROWS:
 "HE" SINGLE ROW
 "HL" DOUBLE ROW TYPE
 "LG" DOUBLE ROW TYPE
2. NO. OF CONTACTS:
 002 through 040 FOR SINGLE ROW
 004 through 080 FOR DOUBLE ROW
3. INSULATOR COLOR:
 "B" BLACK

NOTE: ACCEPTS 200HT TERMINAL

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (B1)



TERMINAL

Accepts AWG# 24-30 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Brass or Phosphor Bronze

Finish: Gold Plated or Tin Plated

Thickness: 0.2mm

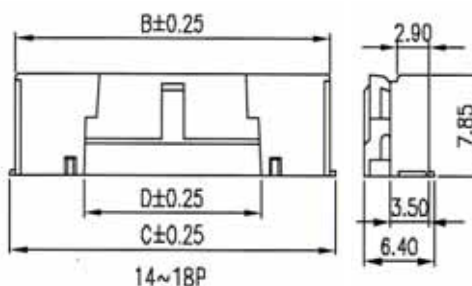
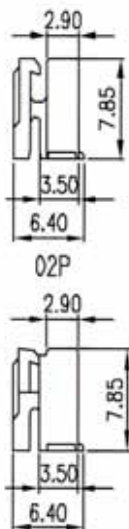
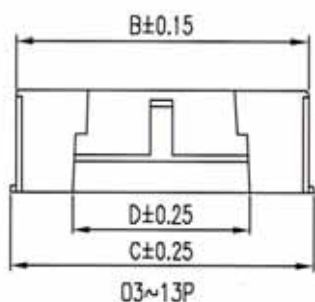
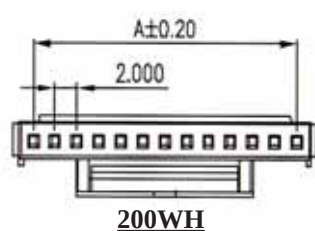
MATERIALS

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

200WH

No. of Contacts	Dimensions(mm)			
	A	B	C	D
02	2.00	4.60	5.60	3.20
03	4.00	6.60	7.60	3.90
04	6.00	8.60	9.60	3.90
05	8.00	10.60	11.60	6.38
06	10.00	12.60	13.60	6.38
07	12.00	14.60	15.60	10.38
08	14.00	16.60	17.60	12.38
09	16.00	18.60	19.60	14.38
10	18.00	20.60	21.60	14.38
11	20.00	22.60	23.60	16.16
12	22.00	24.60	25.60	16.16
13	24.00	26.60	27.60	16.16
14	26.00	28.60	29.60	16.16
15	28.00	30.60	31.60	16.16
16	30.00	32.60	33.60	16.16
17	32.00	34.60	35.60	16.16
18	34.00	36.60	37.60	16.16



ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200WT-15K $\frac{x}{1}$

- CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED
PU = 15.000PCS/REEL

NOTE: ACCEPTS 200WH HOUSING

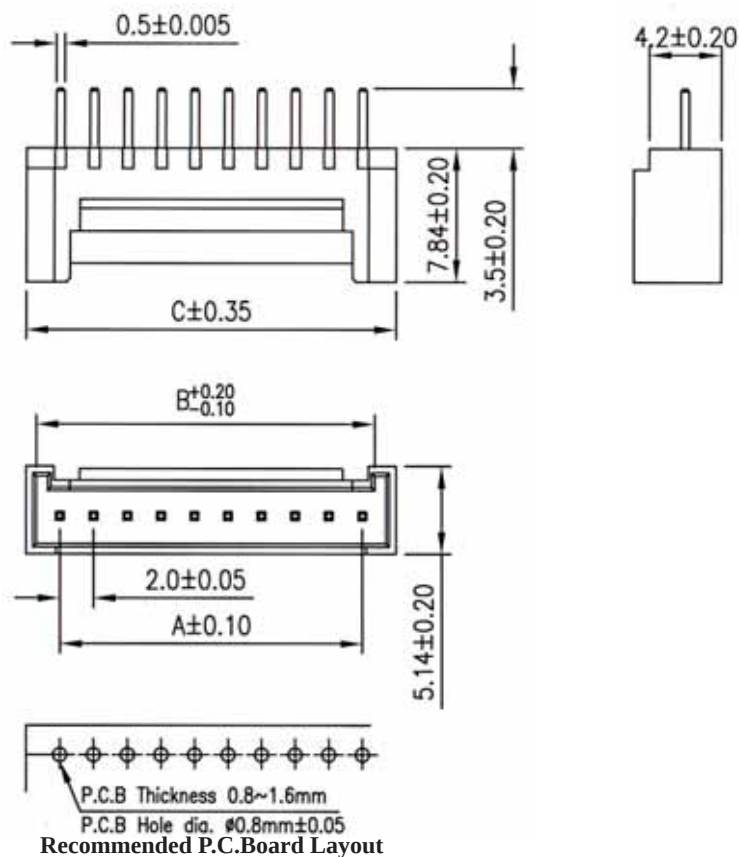
HOUSING:

P/N 200WH- $\frac{xxx}{1}$ HV

- NO. OF CONTACTS:
002 through 018

NOTE: ACCEPTS 200WT TERMINAL

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (B2)



WAFER

Material: Nylon 66, 94V-0

0.5mm(0.020") Square Pin

Pin Material: Brass/

Tin Plated or Gold Plated

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
02	2.00	4.80	6.00
03	4.00	6.80	8.00
04	6.00	8.80	10.00
05	8.00	10.80	12.00
06	10.00	12.80	14.00
07	12.00	14.80	16.00
08	14.00	16.80	18.00
09	16.00	18.80	20.00
10	18.00	20.80	22.00
11	20.00	22.80	24.00
12	22.00	24.80	26.00
13	24.00	26.80	28.00
14	26.00	28.80	30.00
15	28.00	30.80	32.00

ORDERING INFORMATION:

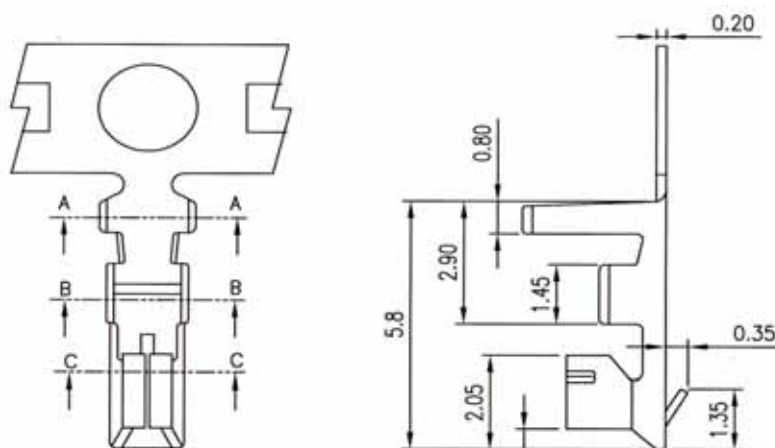
P/N 200WS - $\frac{xxx}{1}$ TV

1. NO. OF CONTACTS:

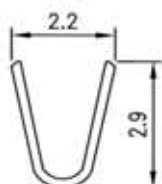
002 through 015

NOTE: MATES WITH 200WH HOUSING

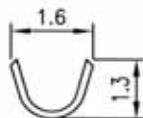
2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (C1)



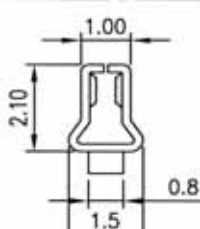
200JT-10KT



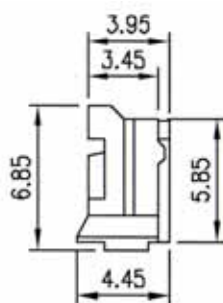
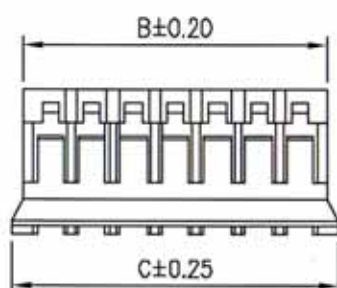
A-A



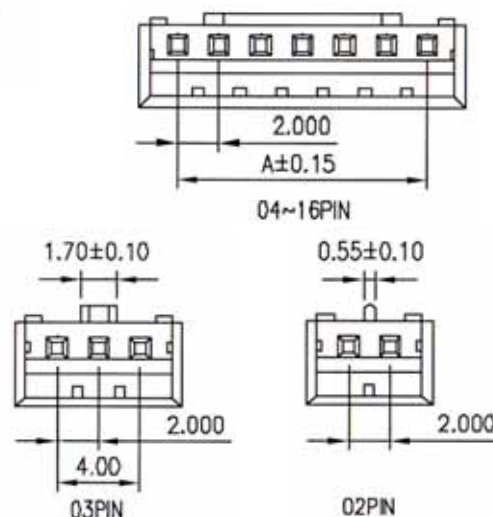
B-B



C-C



200JQ



TERMINAL

Accepts AWG# 26-30 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Phosphor Bronze

Finish: Tin Plated

Thickness: 0.2mm

HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

200JQ

DIMENSIONS:

A = 2.0 x (No. of Contacts/Row) - 2.0

B = 2.0 x (No. of Contacts/Row) + 0.65

C = 2.0 x (No. of Contacts/Row) + 1.8

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200JT-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 200JQ HOUSING

HOUSING:

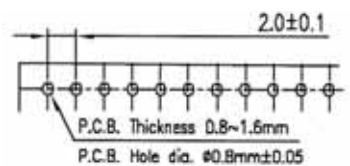
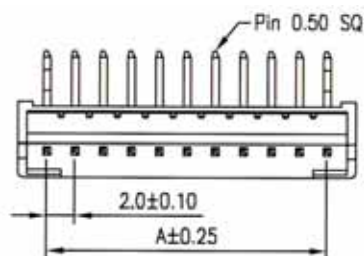
P/N 200JQ - $\frac{xxx}{1}$ HV

1. NO. OF CONTACTS:

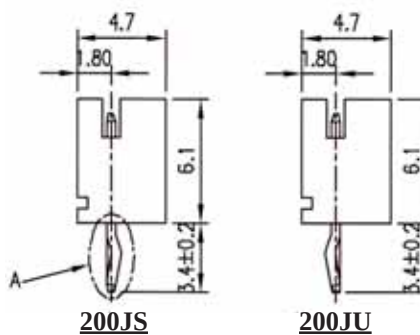
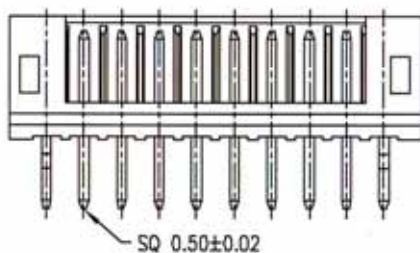
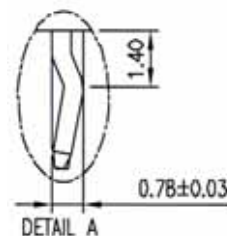
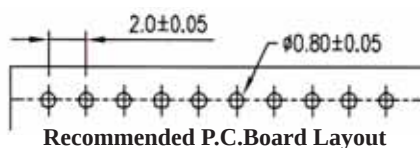
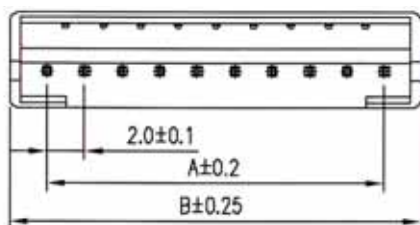
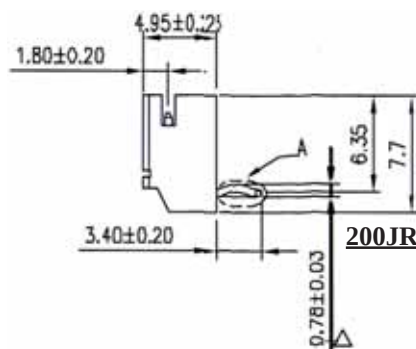
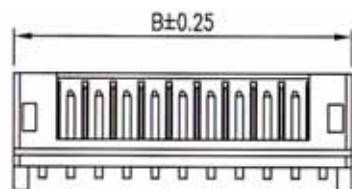
002 through 020

NOTE: ACCEPTS 200JT TERMINAL

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (C2)



Recommended P.C.Board Layout



200JR/200JS/200JU

DIMENSIONS:

A = 2.0 x (No. of Contacts/Row - 1)
B = 4.0 + A

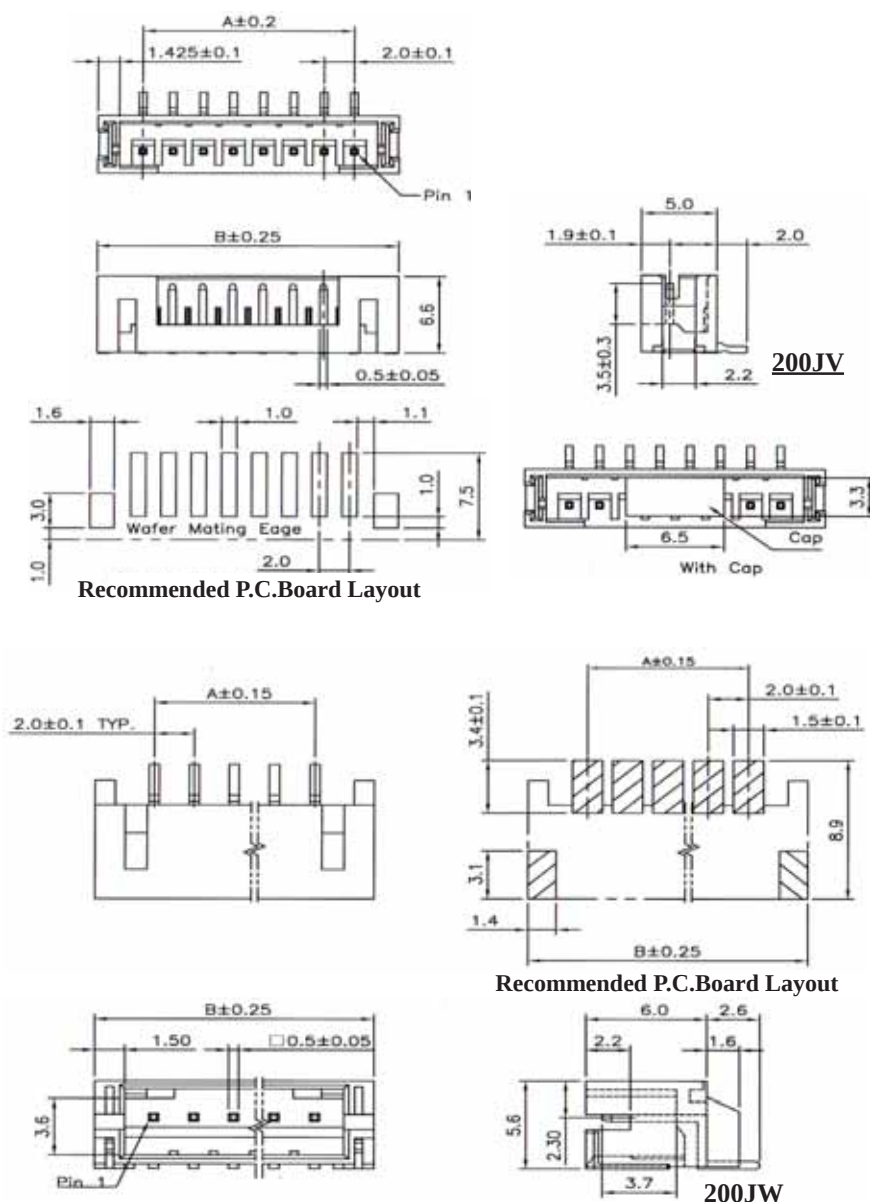
ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ TW

1. TERMINAL TYPE:
"JR" RIGHT ANGLE TYPE
"JS" STRAIGHT TYPE WITH KINK
"JU" STRAIGHT TYPE WITH REVERSE KINK
2. NO. OF CONTACTS:
002 through 016

NOTE: MATES WITH 200JQ HOUSING

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (C3)



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 800V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +85°C

MATERIALS

Insulator: Glass, UL94V-0

Nylon-9T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

200JV

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	7.95
03	4.00	9.95
04	6.00	11.95
05	8.00	13.95
06	10.00	15.95
07	12.00	17.95
08	14.00	19.95
09	16.00	21.95
10	18.00	23.95
11	20.00	25.95
12	22.00	27.95
13	24.00	29.95
14	26.00	31.95
15	28.00	33.95
16	30.00	35.95

200JW

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	8.00
03	4.00	10.00
04	6.00	12.00
05	8.00	14.00
06	10.00	16.00
07	12.00	18.00
08	14.00	20.00
09	16.00	22.00
10	18.00	24.00
11	20.00	26.00
12	22.00	28.00
13	24.00	30.00
14	26.00	32.00
15	28.00	34.00
16	30.00	36.00

ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ TV - $\frac{x}{3}$

1. TERMINAL TYPE:

"JV" STRAIGHT SMT TYPE

"JW" RIGHT ANGLE SMT TYPE

2. NO. OF CONTACTS:

002 through 016

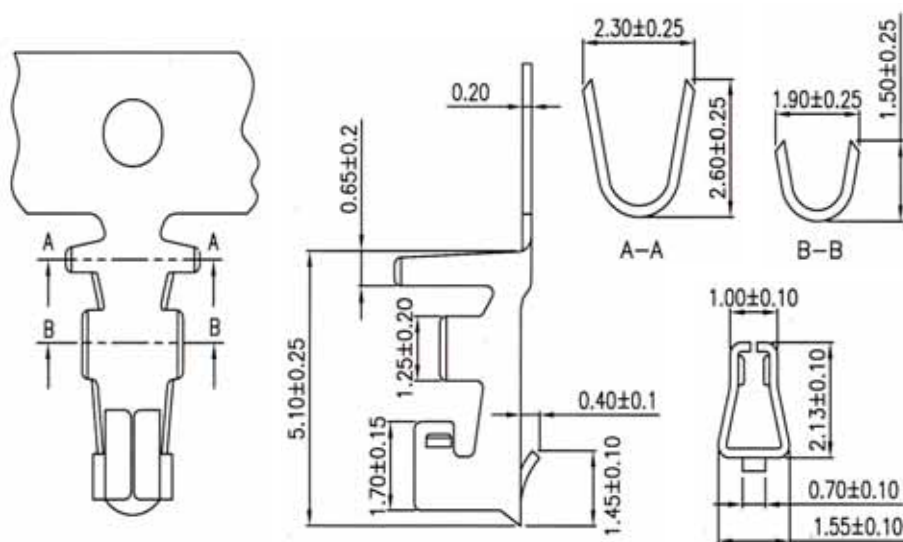
3. PAD & PACKAGE OPTION:

"Q" WITH PAD IN TAPE & REEL (for 200JV)

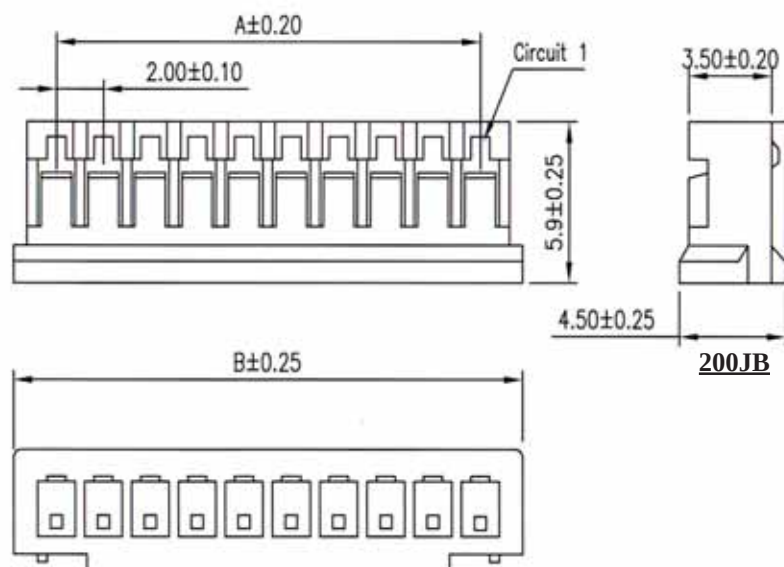
"R" W/O PAD IN TAPE & REEL (for 200JW)

NOTE: MATES WITH 200JQ HOUSING

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (D1)



200JA-10KT



200JB

TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Phosphor Bronze or Brass

Finish: Tin Plated

Thickness: 0.2mm

HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

200JB

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	5.60
03	4.00	7.60
04	6.00	9.60
05	8.00	11.60
06	10.00	13.60
07	12.00	15.60
08	14.00	17.60
09	16.00	19.60
10	18.00	21.60
11	20.00	23.60
12	22.00	25.60
13	24.00	27.60
14	26.00	29.60
15	28.00	31.60

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200JA-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 200JB HOUSING

HOUSING:

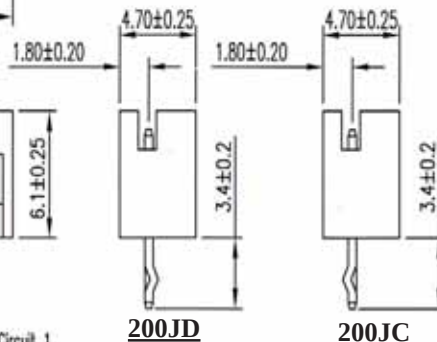
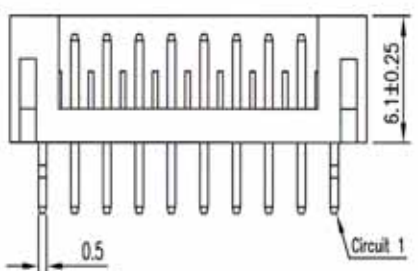
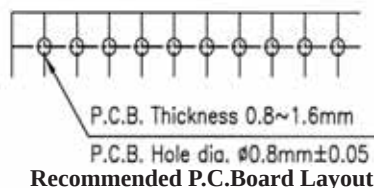
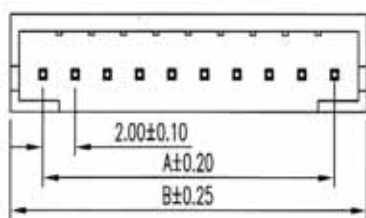
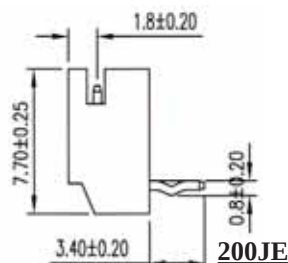
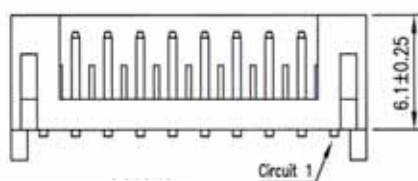
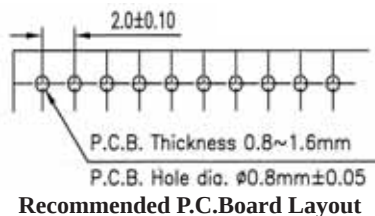
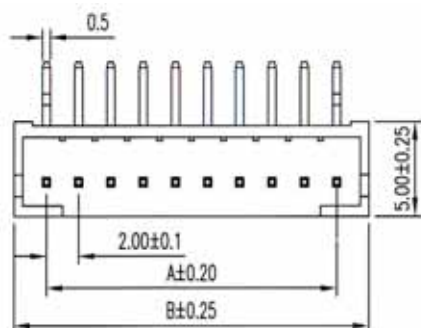
P/N 200JB - $\frac{xxx}{1}$ HC

1. NO. OF CONTACTS:

002 through 015

NOTE: ACCEPTS 200JA TERMINAL

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (D2)



WAFER

Material: Nylon 66, UL94V-0

0.5mm(0.020") Square Pin

PIN Material: Brass/Tin Plated

All materials must be RoHS compliant.

200JE/200JD/200JC

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	6.00
03	4.00	8.00
04	6.00	10.00
05	8.00	12.00
06	10.00	14.00
07	12.00	16.00
08	14.00	18.00
09	16.00	20.00
10	18.00	22.00
11	20.00	24.00
12	22.00	26.00
13	24.00	28.00
14	26.00	30.00
15	28.00	32.00

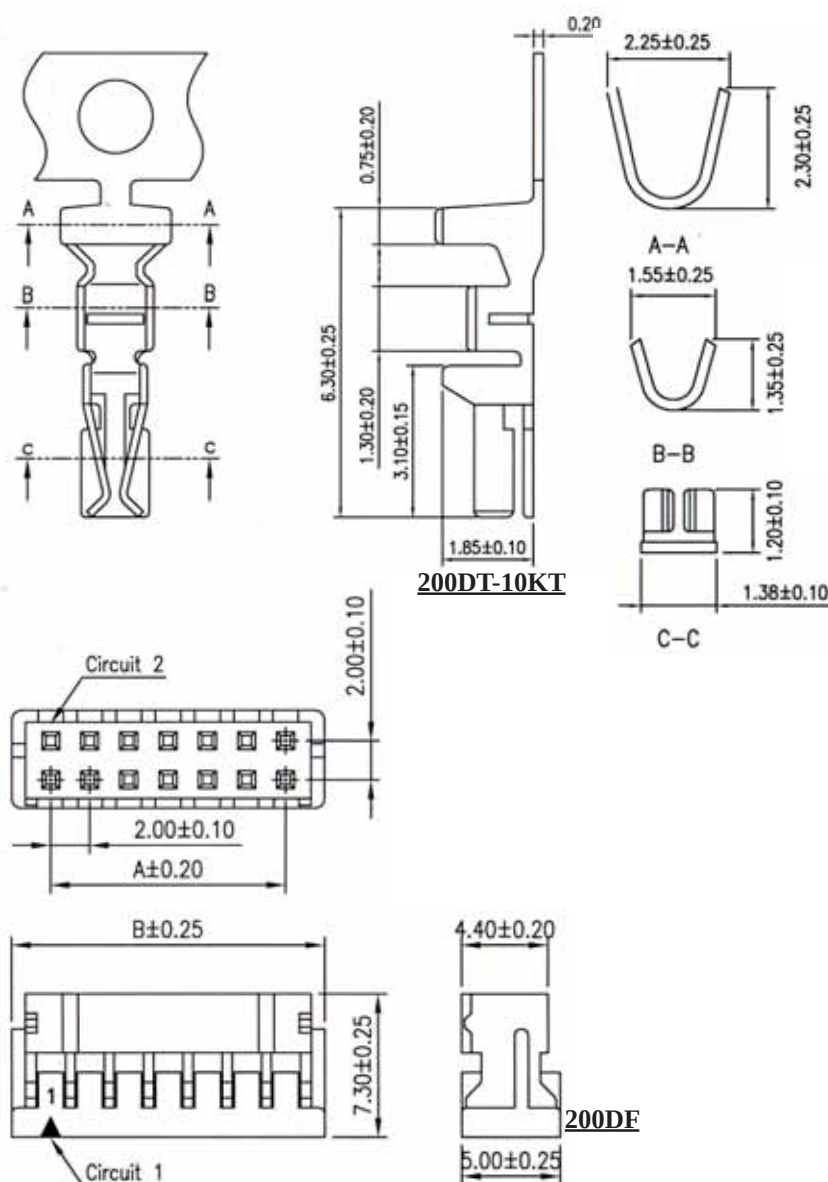
ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xxx}{2}$ T C

1. TERMINAL TYPE:
"JE" RIGHT ANGLE TYPE
"JD" STRAIGHT TYPE WITH KINK
"JC" STRAIGHT TYPE WITH REVERSE KINK
2. NO. OF CONTACTS:
002 through 015

NOTE: MATES WITH 200JB HOUSING

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (E1)



TERMINAL

Accepts AWG# 24-30 Wire Range

Insulation O.D.: 1.45mm(max)

Material: Phosphor Bronze

Finish: Tin Plated

Thickness: 0.20mm

HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

200DF

No. of Contacts	Dimensions(mm)	
	A	B
04	2.00	6.00
06	4.00	8.00
08	6.00	10.00
10	8.00	12.00
12	10.00	14.00
14	12.00	16.00
16	14.00	18.00
18	16.00	20.00
20	18.00	22.00
22	20.00	24.00
24	22.00	26.00
26	24.00	28.00
28	26.00	30.00
30	28.00	32.00
32	30.00	34.00
40	38.00	42.00

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200DT-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 200DF HOUSING

HOUSING:

P/N 200DF - $\frac{X \times X}{1} H \frac{X}{2}$

1. NO. OF CONTACTS:

004 through 040

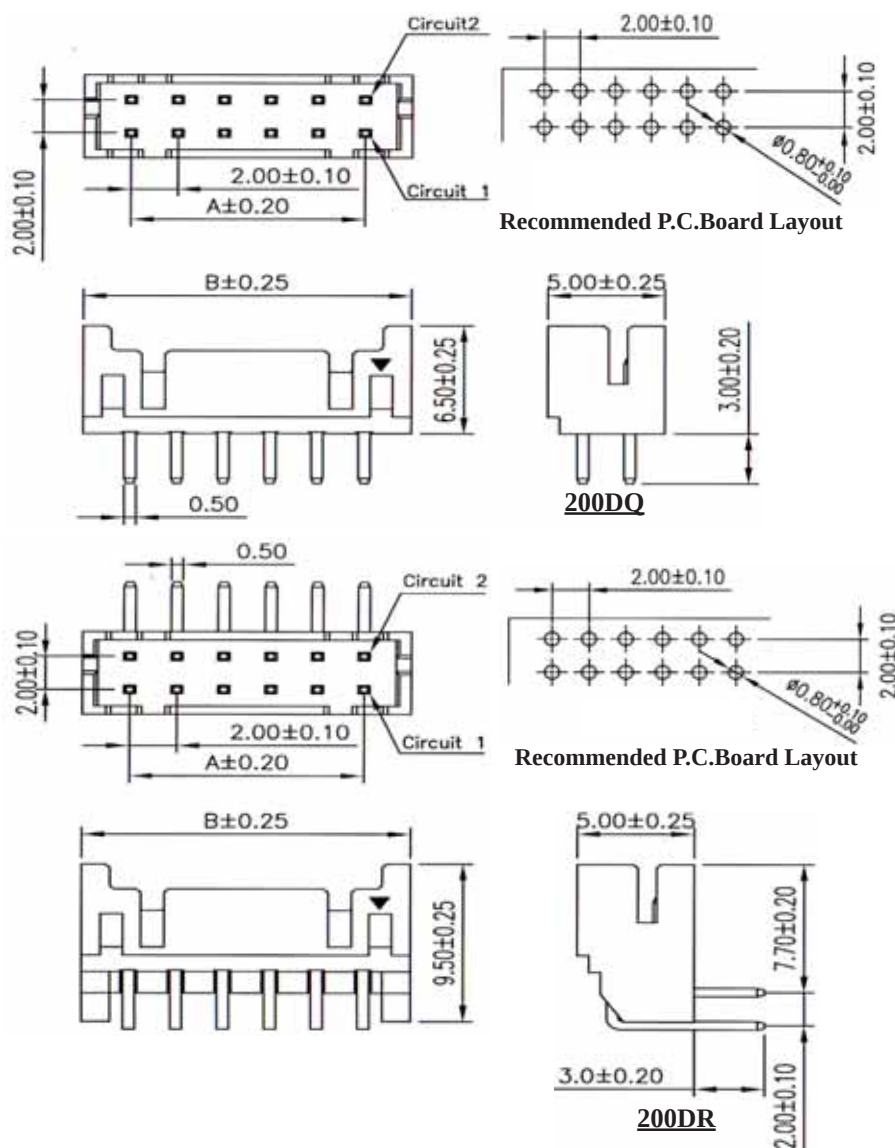
2. INSULATOR COLOR:

"B" BLACK

"W" WHITE

NOTE: ACCEPTS 200DT TERMINAL

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (E2)



SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Polyester, UL94V-0
 Nylon 66
Contacts: Copper Alloy
 All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
04	2.00	6.00
06	4.00	8.00
08	6.00	10.00
10	8.00	12.00
12	10.00	14.00
14	12.00	16.00
16	14.00	18.00
19	16.00	20.00
20	18.00	22.00
22	20.00	24.00
24	22.00	26.00
26	24.00	28.00
28	26.00	30.00
30	28.00	32.00
32	30.00	34.00
34	32.00	36.00
36	34.00	38.00
38	36.00	40.00
40	38.00	42.00

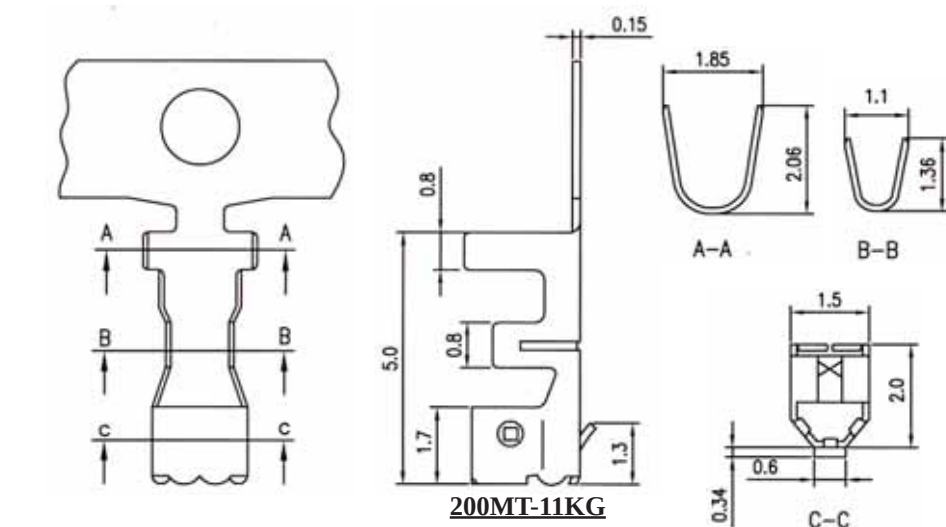
ORDERING INFORMATION:

P/N 200 $\frac{xx}{1} - \frac{xxx}{2} T \frac{x}{3}$

1. TERMINAL TYPE:
 "DQ" STRAIGHT TYPE
 "DR" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
 004 through 040
3. INSULATOR COLOR:
 "B" BLACK
 "W" WHITE

NOTE: Mates with 200DF Housing

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (F1)



TERMINAL

Accepts AWG# 24-30 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Phosphor Bronze

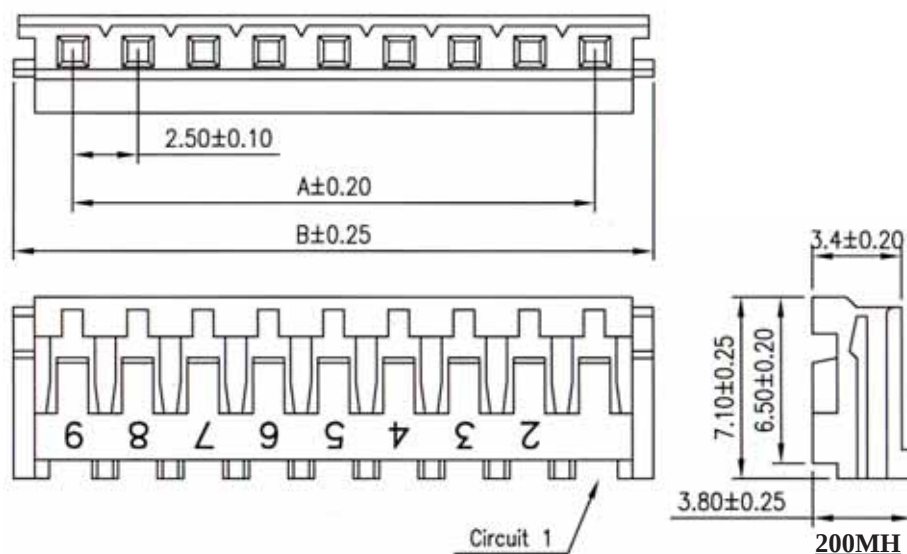
Finish: Gold Plated

Thickness: 0.15mm

HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.



200MH

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.00
03	5.00	9.50
04	7.50	12.00
05	10.00	14.50
06	12.50	17.00
07	15.00	19.50
08	17.50	22.00
09	20.00	24.50
10	22.50	27.00
11	25.00	29.50
12	27.50	32.00
13	30.00	34.50
14	32.50	37.00
15	35.00	39.50

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200MT-11KG

PU= 11.000PCS/REEL

NOTE: ACCEPTS 200MH HOUSING

HOUSING:

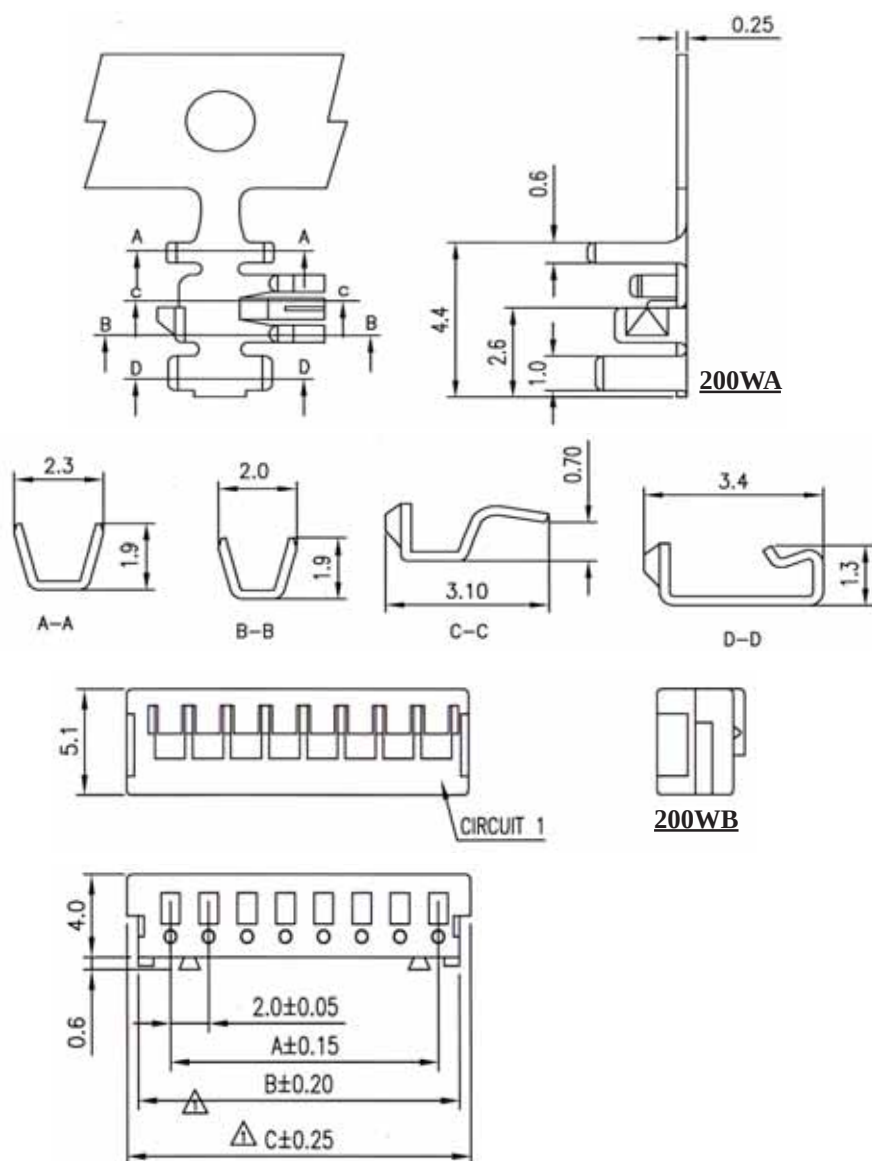
P/N 200MH-xxxHV
1

1. NO. OF CONTACTS:

002 through 015

NOTE: ACCEPTS 200MT TERMINAL

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (G1)



TERMINAL

Accepts AWG# 22-26 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Phosphor Bronze

Finish: Tin Plated or Gold Plated

Thickness: 0.25mm

HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

200WB

No. of Contacts	Dimensions(mm)		
	A	B	C
02	2.00	4.80	6.00
03	4.00	6.80	8.00
04	6.00	8.80	10.00
05	8.00	10.80	12.00
06	10.00	12.80	14.00
07	12.00	14.80	16.00
08	14.00	16.80	18.00
09	16.00	18.80	20.00
10	18.00	20.80	22.00
11	20.00	22.80	24.00
12	22.00	24.80	26.00
13	24.00	26.80	28.00
14	26.00	28.80	30.00
15	28.00	30.80	32.00

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200WA-15K $\frac{x}{1}$

1. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

PU = 15.000PCS/REEL

NOTE: ACCEPTS 200WB HOUSING

HOUSING:

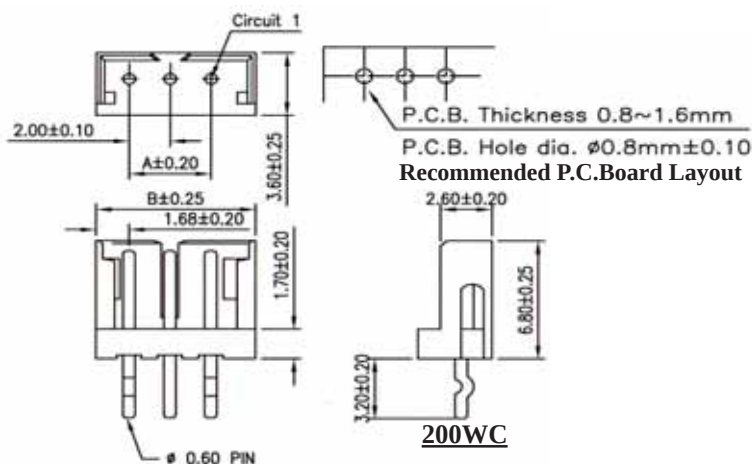
P/N 200WB- $\frac{xxx}{1}$ HV

1. NO. OF CONTACTS:

002 through 015

NOTE: ACCEPTS 200WA TERMINAL

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (G2)



WAFER

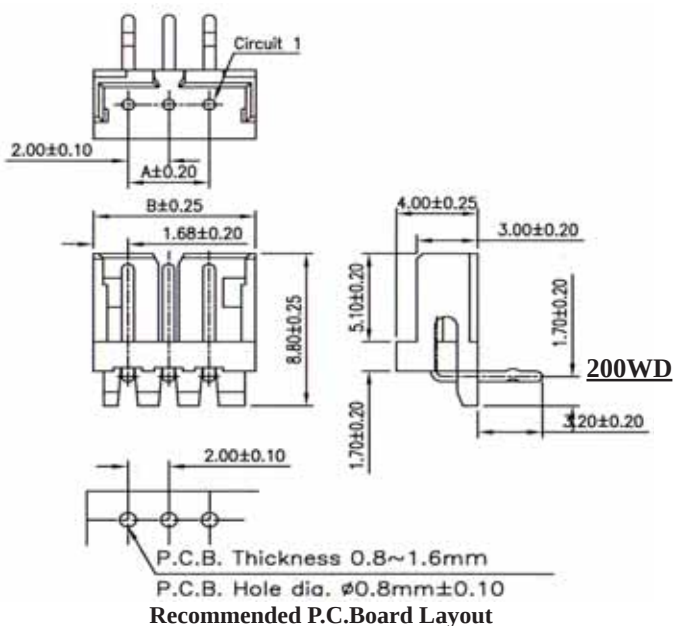
Material: Nylon 66, UL94V-0

0.6mm(0.024") Round Pin

Insulator Resistance: 1000 MΩ min.

PIN Material: Brass/Tin Plated

All materials must be RoHS compliant.



200WC/200WD

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	5.96
03	4.00	7.96
04	6.00	7.96
05	8.00	11.96
06	10.00	13.96
07	12.00	15.96
08	14.00	17.96
09	16.00	19.96
10	18.00	21.96
11	20.00	23.96
12	22.00	25.96

ORDERING INFORMATION:

P/N 2 0 0 $\frac{1}{x}$ - $\frac{x}{2}$ T V

1. TERMINAL TYPE:

"WC" STRAIGHT TYPE

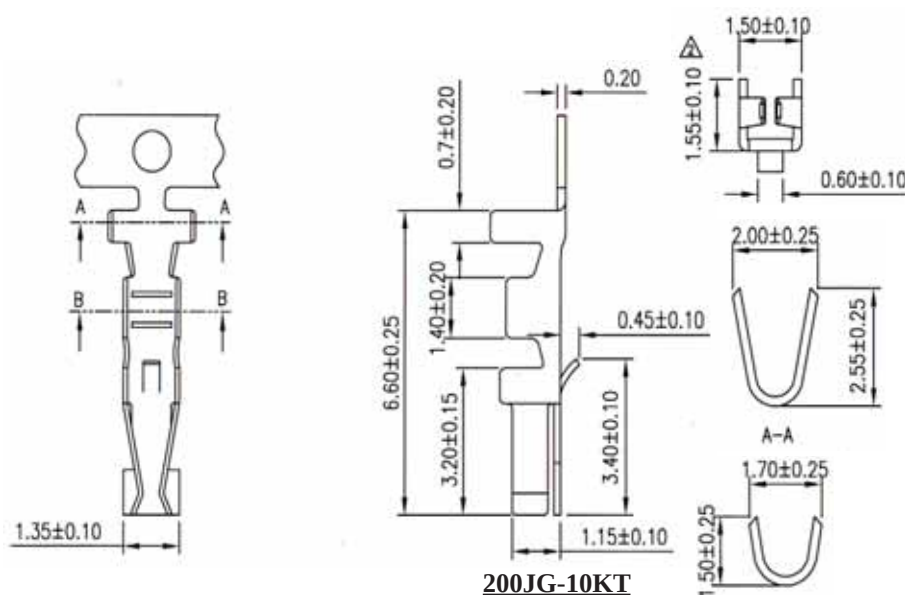
"WD" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 through 015

NOTE: MATES WITH 200WB HOUSING

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (H1)



200JG-10KT

TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.60mm(max)

Material: Phosphor Bronze

Finish: Tin Plated

Thickness: 0.20mm

HOUSING

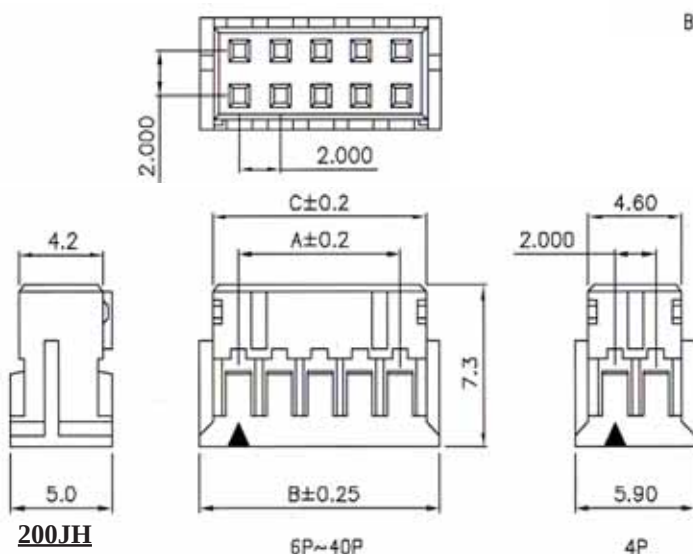
Insulator: Nylon 66, UL94V-0

Color: White

All materials must be RoHS compliant.

200JH

No. of Contacts	Dimensions(mm)		
	A	B	C
04	2.00	5.90	4.60
06	4.00	7.90	6.60
08	6.00	9.90	8.60
10	8.00	11.90	10.60
12	10.00	13.90	12.60
14	12.00	15.90	14.60
16	14.00	17.90	16.60
18	16.00	19.90	18.60
20	18.00	21.90	20.60
22	20.00	23.90	22.60
24	22.00	25.90	24.60
26	24.00	27.90	26.60
28	26.00	29.90	28.60
30	28.00	31.90	30.60
32	30.00	33.90	32.60
34	32.00	35.90	34.60
36	34.00	37.90	36.60
38	36.00	39.90	38.60
40	38.00	41.90	40.60



200JH

6P~40P

4P

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200JG-10KT

PU = 10.000PCS/REEL

NOET: ACCEPTS 200JH HOUSING

HOUSING:

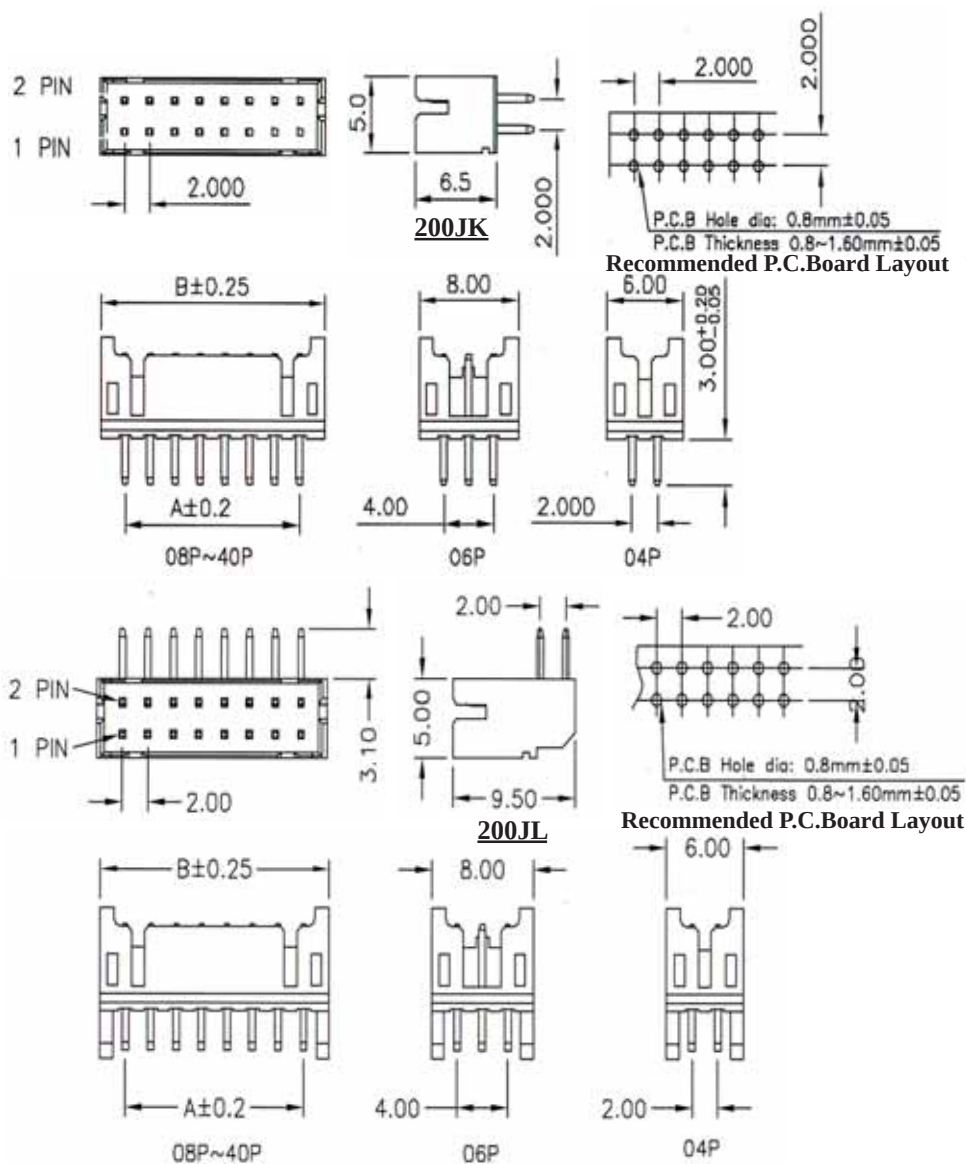
P/N 200JH-xxxHW
1

1. NO. OF CONTACTS:

004 through 040

NOTE: ACCEPTS 200JG TERMINAL

2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (H2)



WAFER

Material: Nylon 66, UL94V-0

0.50mm(0.020") Tin Plated Square Pin

Contact Material: Brass

Finish: Tin Plated or Gold Plated

All materials must be RoHS compliant.

200JK/200JL

No. of Contacts	Dimensions(mm)	
	A	B
04	2.00	6.00
06	4.00	8.00
08	6.00	10.00
10	8.00	12.00
12	10.00	14.00
14	12.00	16.00
16	14.00	18.00
18	16.00	20.00
20	18.00	22.00
22	20.00	24.00
24	22.00	26.00
26	24.00	28.00
28	26.00	30.00
30	28.00	32.00
32	30.00	34.00
34	32.00	36.00
36	34.00	38.00
38	36.00	40.00
40	38.00	42.00

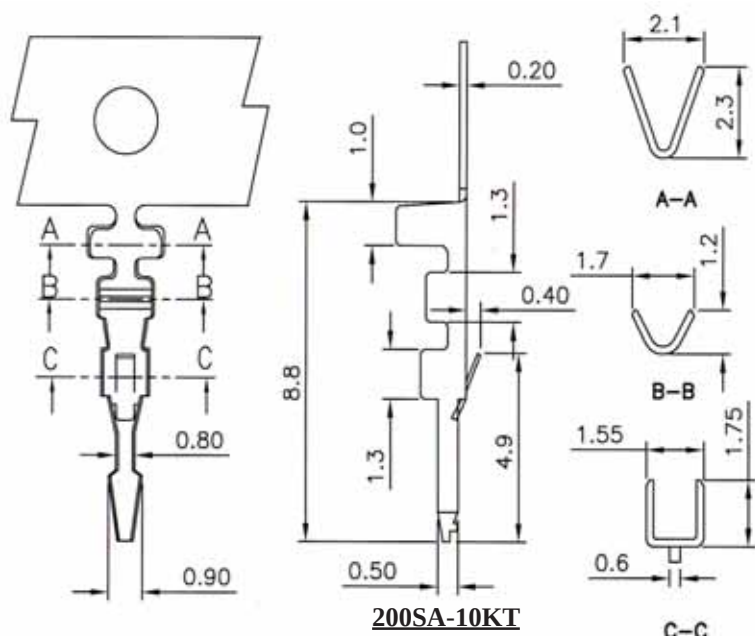
ORDERING INFORMATION:

P/N 200 $\frac{xx}{1}$ - $\frac{xx}{2}$ TW

1. TERMINAL TYPE:
"JK" STRAIGHT
"JL" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
004 through 040

NOTE: MATES WITH 200JH HOUSING

2.00MM(0.079") SPACING BOARD-IN TYPE SYSTEM (1)



TERMINAL

Accepts AWG# 24-30 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Phosphor Bronze/Brass

Finish: Tin Plated

Thickness: 0.20mm

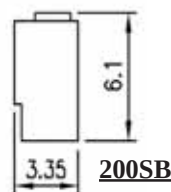
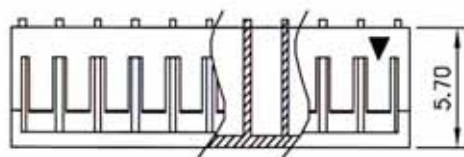
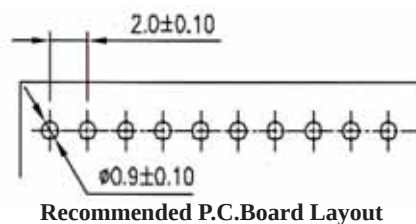
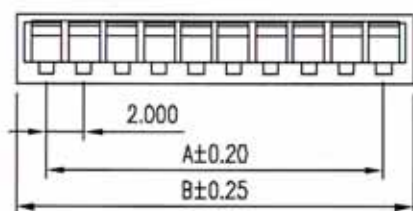
HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

200SB

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	5.20
03	4.00	7.20
04	6.00	9.20
05	8.00	11.20
06	10.00	13.20
07	12.00	15.20
08	14.00	17.20
09	16.00	19.20
10	18.00	21.20
11	20.00	23.20
12	22.00	25.20
13	24.00	27.20
14	26.00	29.20
15	28.00	31.20
16	30.00	33.20



ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200SA-10KT

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 200SB HOUSING

HOUSING:

P/N 200SB - $\frac{X}{1} \frac{X}{2} H \frac{X}{2}$

1. NO. OF CONTACTS:

002 through 016

2. INSULATOR COLOR:

"V" IVORY (STANDARD)

"B" BLACK

"W" WHITE

"N" GREEN

"R" RED

"U" BLUE

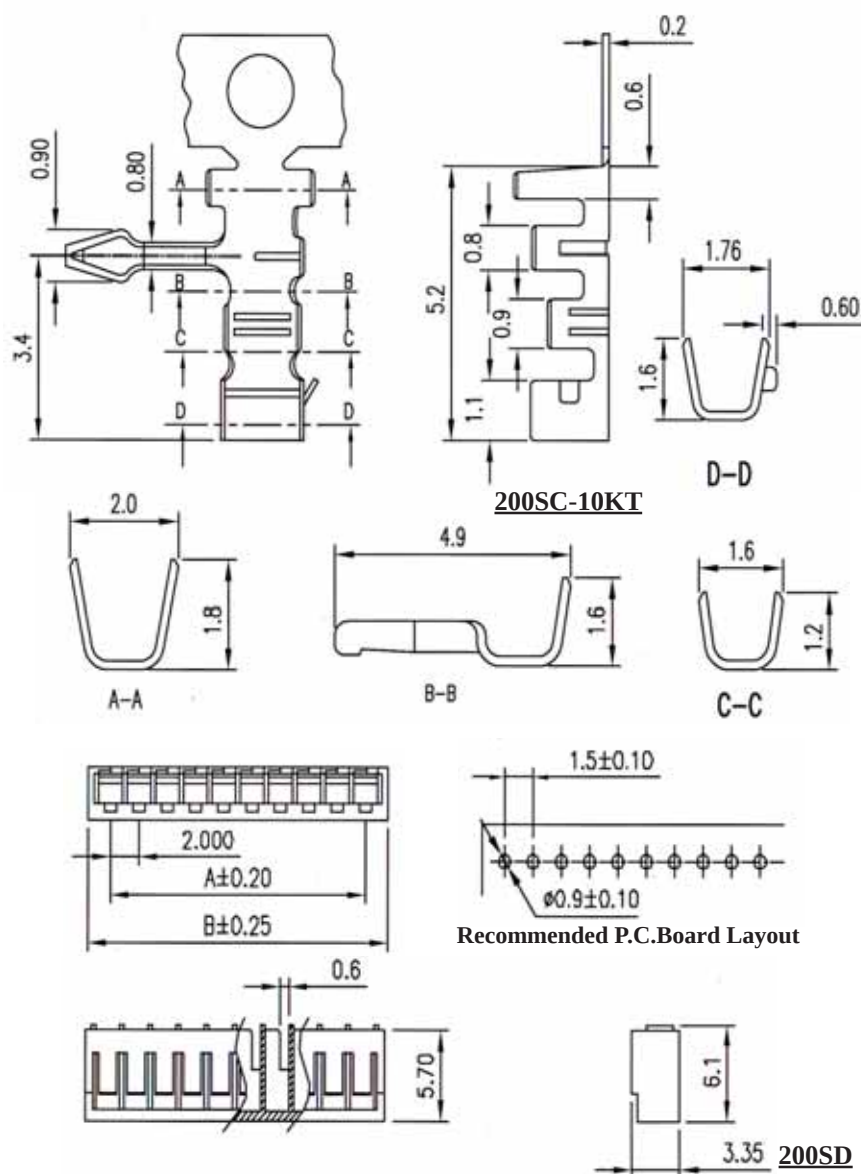
"C" BROWN

"P" PURPLE

"K" PINK

NOTE: ACCEPTS 200SA TERMINAL

2.00MM(0.079") SPACING BOARD-IN TYPE SYSTEM (2)



TERMINAL

Accepts AWG# 24-30 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Phosphor Bronze/Brass

Finish: Tin Plated

Thickness: 0.20mm

HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

200SD

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	5.20
03	4.00	7.20
04	6.00	9.20
05	8.00	11.20
06	10.00	13.20
07	12.00	15.20
08	14.00	17.20
09	16.00	19.20
10	18.00	21.20
11	20.00	23.20
12	22.00	25.20
13	24.00	27.20
14	26.00	29.20
15	28.00	31.20
16	30.00	33.20

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200SC-10KT

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 200SD HOUSING

HOUSING:

P/N 200SD - $\frac{XXX}{1} H \frac{V}{2}$

1. NO. OF CONTACTS:

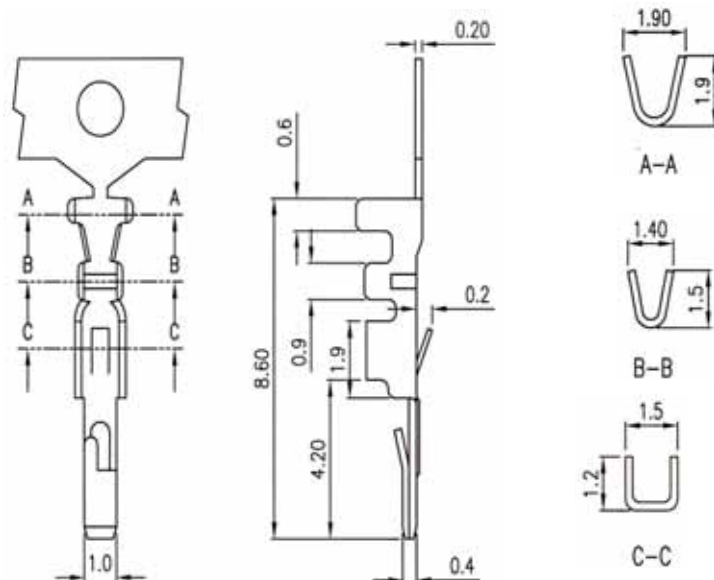
002 through 016

2. INSULATOR COLOR:

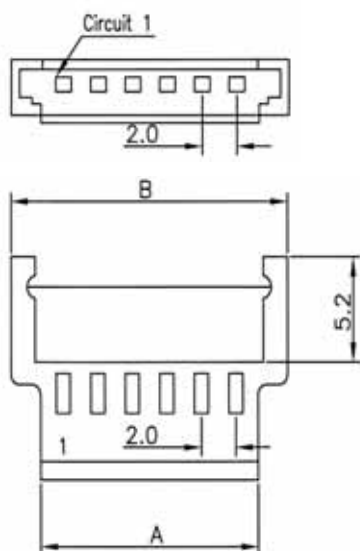
"V" IVORY

NOTE: ACCEPTS 200SC TERMINAL

2.00MM(0.079") SPACING WIRE-TO-WIRE SYSTEM (1)



200MN-10KT



200MM

TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.50mm(max)

Material: Phosphor Bronze/Brass

Finish: Tin Plated

Thickness: 0.20mm

HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

200MM

No. of Contacts	Dimensions(mm)	
	A	B
02	4.60	6.60
03	6.60	8.60
04	8.60	10.60
05	10.60	12.60
06	12.60	14.60
07	14.60	16.60
08	16.60	18.60
09	18.60	20.60
10	20.60	22.60

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200MN-10KT

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 200MM HOUSING

HOUSING:

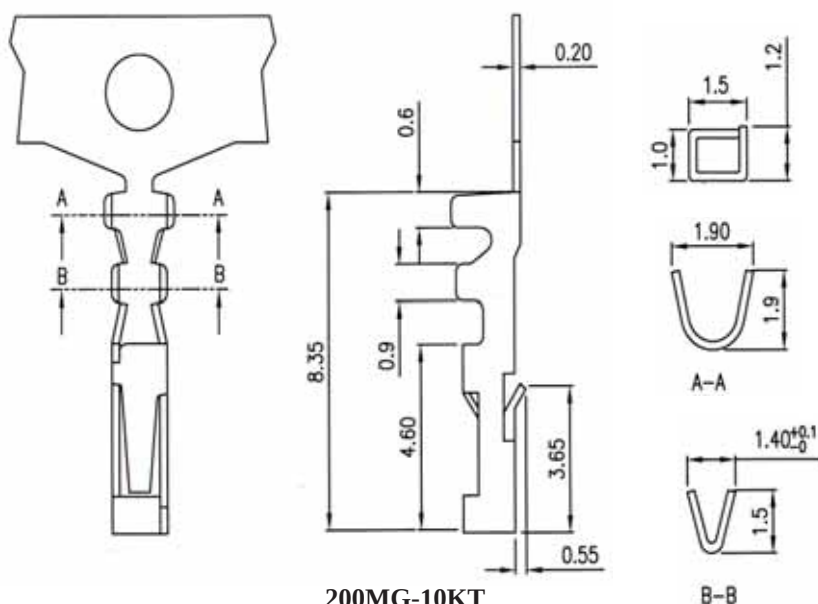
P/N 200MM - $\frac{X \times X \times H W}{1}$

1. NO. OF CONTACTS:

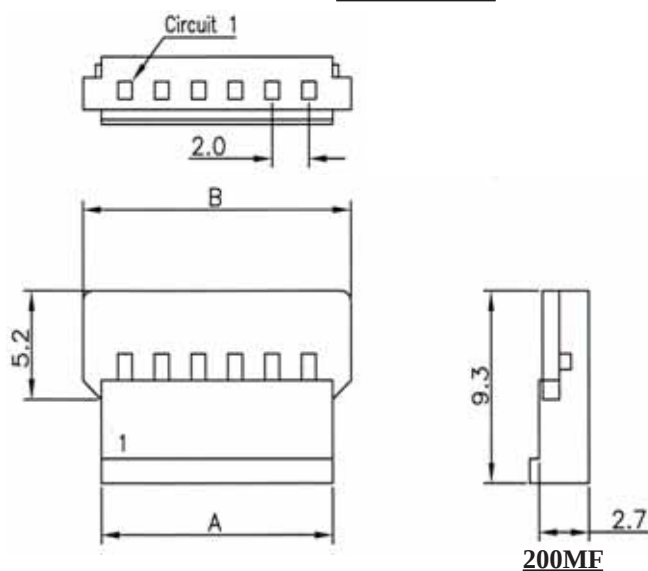
002 through 010

NOTE: ACCEPTS 200MN TERMINAL &
MATES WITH 200MF HOUSING

2.00MM(0.079") SPACING WIRE-TO-WIRE SYSTEM (2)



200MG-10KT



200MF

TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.50mm(max)

Material: Phosphor Bronze/Brass

Finish: Tin Plated

Thickness: 0.20mm

HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

200MF

No. of Contacts	Dimensions(mm)	
	A	B
02	4.60	6.60
03	6.60	8.60
04	8.60	10.60
05	10.60	12.60
06	12.60	14.60
07	14.60	16.60
08	16.60	18.60
09	18.60	20.60
10	20.60	22.60

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 200MG-10KT

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 200MF HOUSING

HOUSING:

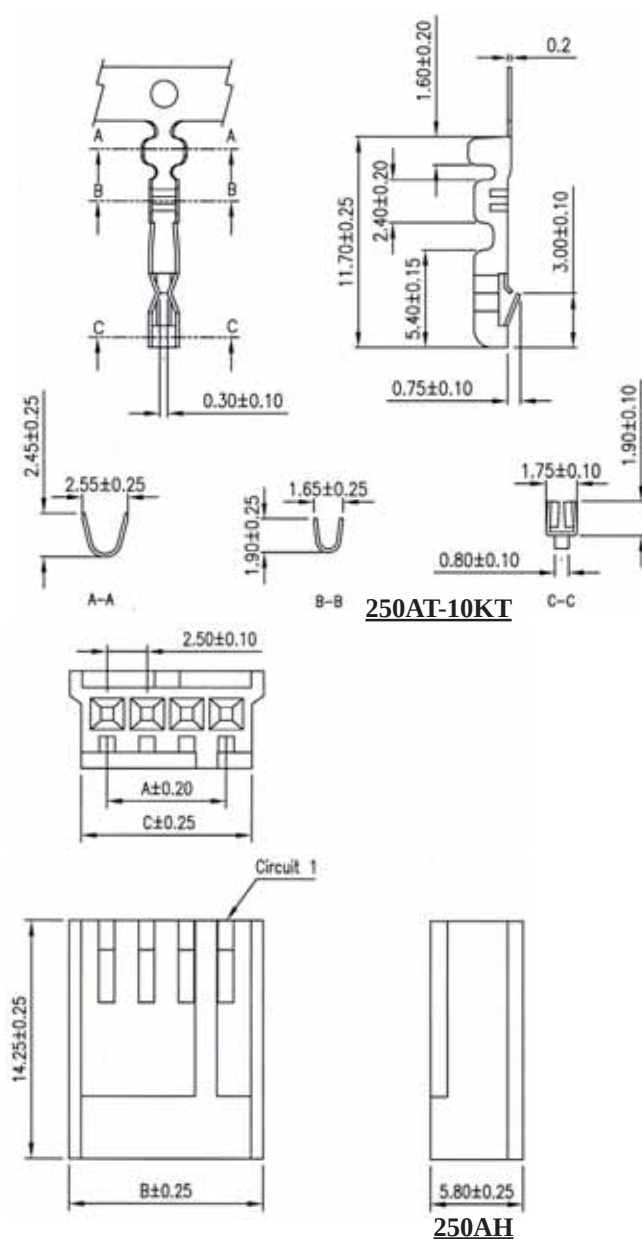
P/N 200MF - $\frac{xxx}{1}$ HW

1. NO. OF CONTACTS:

002 through 010

NOTE: ACCEPTS 200MG TERMINAL &
MATES WITH 200MM HOUSING

2.50MM(0.098") SPACING DISK DRIVE POWER CONNECTOR (1)



SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 500MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +85°C

TERMINAL

Accepts AWG# 20-26 Wire Range

Insulation O.D.: 1.75mm (max)

Material: Brass

Finish: Tin Plated

Thickness: 0.20mm

HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
02	2.50	7.25	5.82
03	5.00	9.75	8.36
04	7.50	12.25	10.90
05	10.00	14.75	13.44
06	12.50	17.25	15.98
07	15.00	19.75	18.52
08	17.50	22.25	21.06
09	20.00	24.75	23.60
10	22.50	27.25	26.14
11	25.00	29.75	26.68
12	27.50	32.25	31.22

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250AT-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 250AH HOUSING

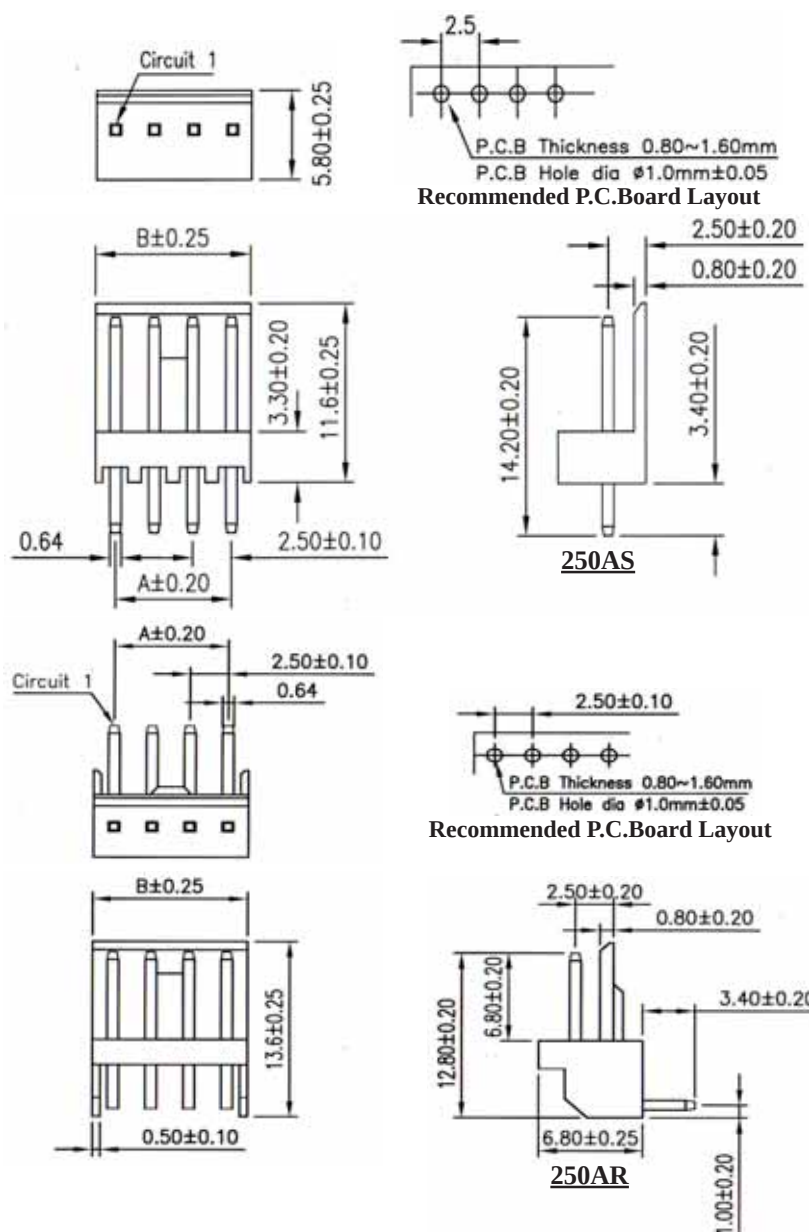
HOUSING:

P/N 250AH - xxx H V
1

1. NO. OF CONTACTS:
002 through 012

NOTE: ACCEPTS 250AT TERMINAL

2.50MM(0.098") SPACING DISK DRIVE POWER CONNECTOR (2)



SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 500MΩ 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.

250AS/250AR

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.00
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00

ORDERING INFORMATION:

P/N 250 xx - xxx T V

1. TERMINAL TYPE:

"AS" STRAIGHT TYPE

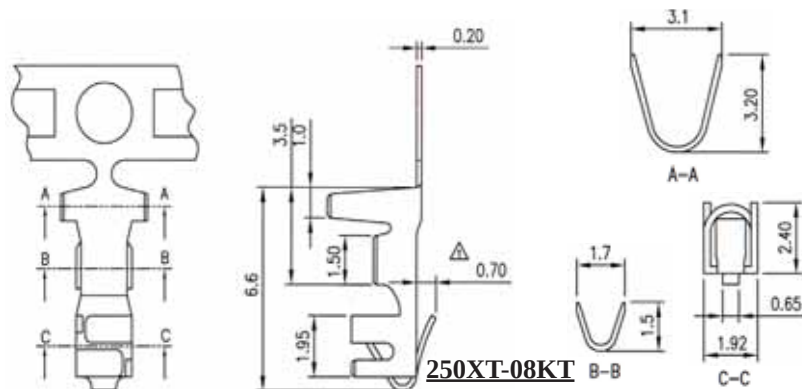
"AR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

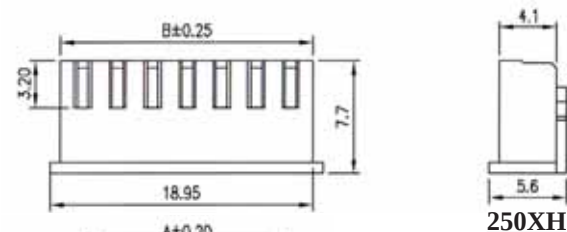
002 through 012

NOTE: MATES WITH 250AH HOUSING

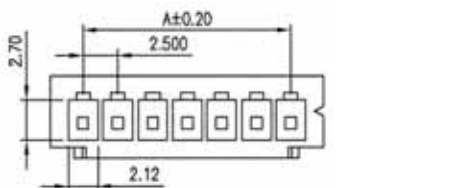
2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A1)



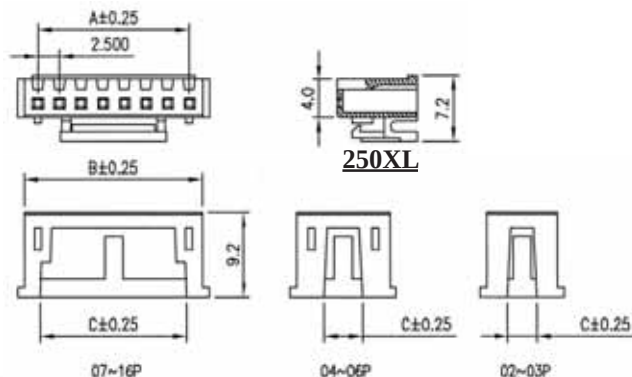
250XT-08KT



250XH



250XL



07~16P

04~06P

02~03P

SPECIFICATIONS

Current Rating: 3.0 Amp
Insulation Resistance: 500MΩ Min
Dielectric Withstanding: 1000V AC
Contact Resistance: 20mΩ Max.
Operating Temperature: -25°C to +85°C

TERMINAL

Accepts AWG# 22-28 Wire Range
Insulation O.D.: 1.90mm (max)
Material: Brass & phosphor Bronze
Finish: Tin Plated
Thickness: 0.20mm

HOUSING

Material: Nylon 66, UL 94V-0
All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.70
03	5.00	8.20
04	7.50	10.70
05	10.00	13.20
06	12.50	15.70
07	15.00	18.20
08	17.50	20.70
09	20.00	23.20
10	22.50	25.70
11	25.00	28.20
12	27.50	30.70
13	30.00	33.20
14	32.50	35.70
15	35.00	38.20
16	37.50	40.70
17	40.00	43.20
18	42.50	45.70
19	45.00	48.20
20	47.50	50.70

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250XT-08KT

PU= 8.000PCS/REEL

NOTE: ACCEPTS 250XH, 250XL HOUSINGS

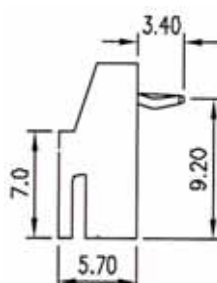
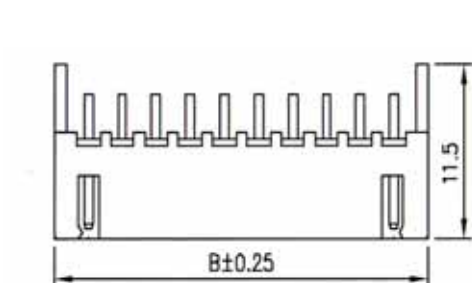
HOUSING:

P/N 250 $\frac{X}{1}X - \frac{X}{2}X \frac{X}{3}H \frac{X}{3}$

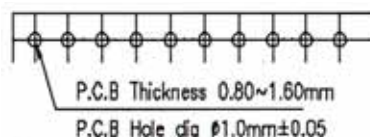
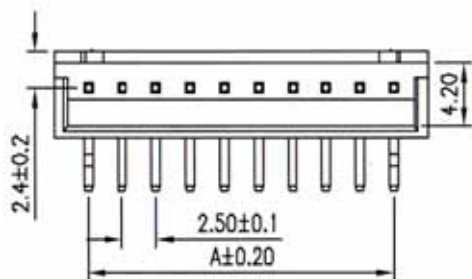
- HOUSING TYPE:
 "XH" STANDARD HOUSING
 "XL" LOCK HOUSING
- NO. OF CONTACTS:
 002 through 020 for 250XH
 002 through 016 for 250XL
- INSULATOR COLOR:
 "V" IVORY
 THE OTHER COLORS UPON REQUEST!

NOTE: ACCEPTS 250XT TERMINAL

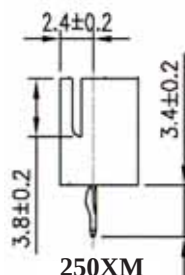
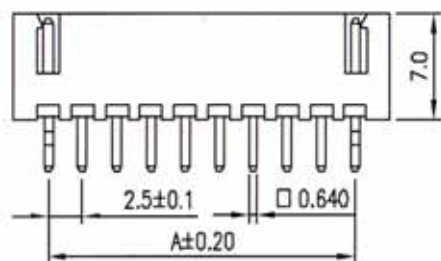
2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A2)



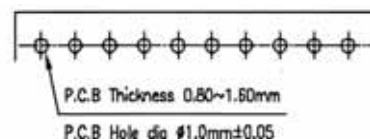
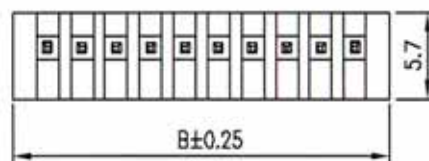
250XN



Recommended P.C.Board Layout



250XH



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 500MΩ 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.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50

ORDERING INFORMATION:

P/N 2 5 0 x₁ - x₂ x₃ T x₃

1. TERMINAL TYPE:

"XN" RIGHT ANGLE TYPE

"XM" STRAIGHT TYPE

2. NO. OF CONTACTS:

002 through 020

3. INSULATOR COLOR:

"V" IVORY (STANDARD)

"A" GRAY

"B" BLACK

"C" BROWN

"R" RED

"O" ORANGE

"Y" YELLOW

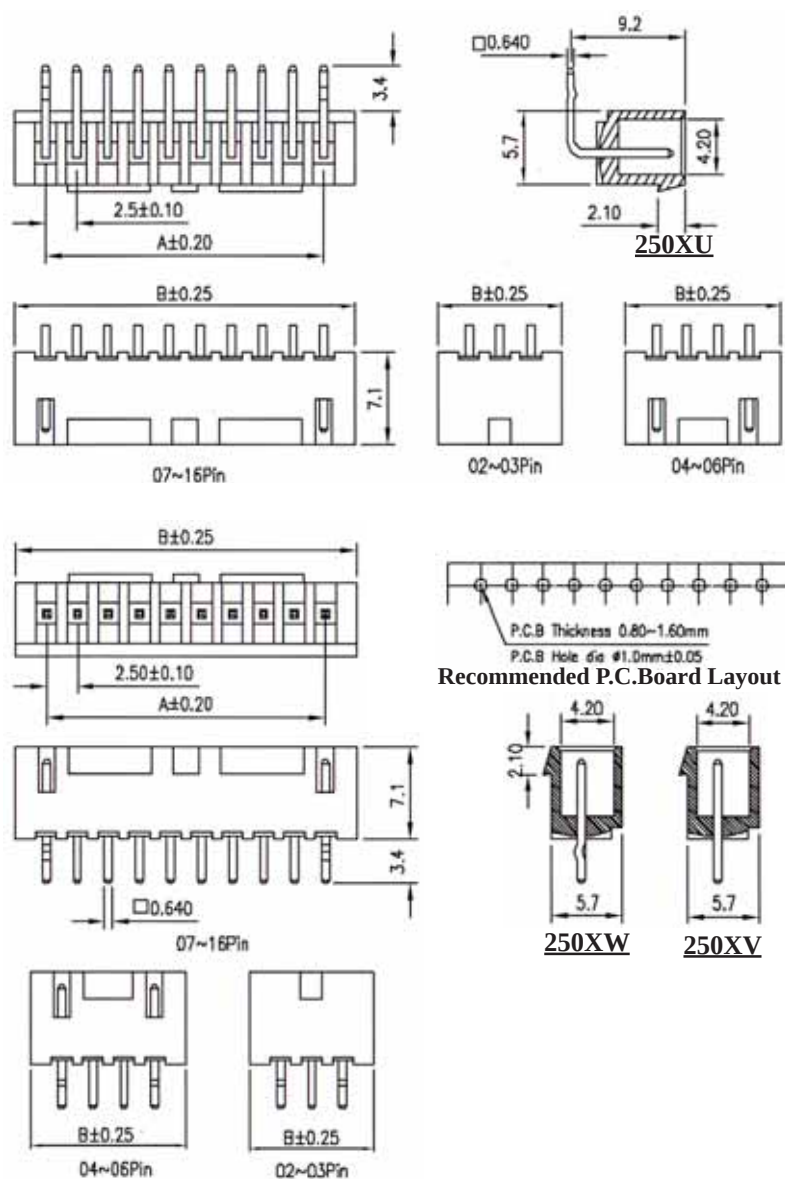
"N" GREEN

"U" BLUE

"P" PURPLE

NOTE: MATES WITH 250XH HOUSING

2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A3)



SPECIFICATIONS

Current Rating: 3.0 Amp
Insulation Resistance: 500MΩ Min
Dielectric Withstanding: 1000V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -25°C to +85°C

MATERIALS

Insulation Material: Polyester, UL 94V-0
 Nylon 66
Contact Material: Phosphor Bronze
 All materials must be RoHS compliant.

250XU/250XV/250XW

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50

ORDERING INFORMATION:

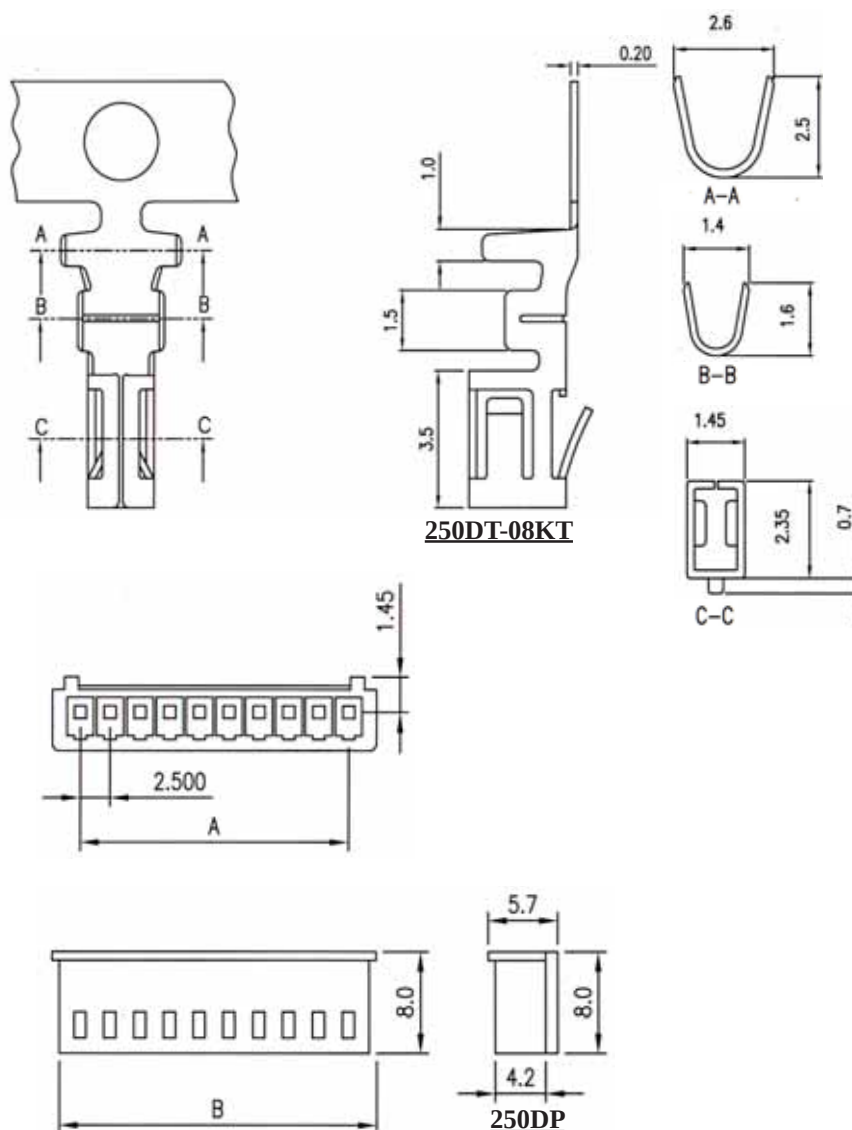
P/N 2 5 0 xx - xxx T V
 1 2 3

1. TERMINAL TYPE:
 "XU" RIGHT ANGLE TYPE
 "XV" STRAIGHT TYPE W/O KINK
 "XW" STRAIGHT TYPE WITH KINK
2. NO. OF CONTACTS:
 002 through 016

3. INSULATOR COLOR:
 "V" IVORY (STANDARD)
 "A" GRAY
 "B" BLACK
 "C" BROWN
 "R" RED
 "O" ORANGE
 "Y" YELLOW
 "N" GREEN
 "U" BLUE
 "P" PURPLE

NOTE: MATES WITH 250XL HOUSING

2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (B1)



SPECIFICATIONS

Current Rating: 3.0 Amp
Insulation Resistance: 500MΩ Min
Dielectric Withstanding: 1000V AC
Contact Resistance: 20mΩ Max.
Operating Temperature: -25°C to +85°C

TERMINAL

Accepts AWG# 22-28 Wire Range
Insulation O.D.: 1.75mm (max)
Material: Phosphor Bronze & Brass
Finish: Tin Plated
Thickness: 0.20mm

HOUSING

Material: Nylon 66, UL 94V-2
All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	6.00
03	5.00	8.50
04	7.50	11.00
05	10.00	13.50
06	12.50	16.00
07	15.00	18.50
08	17.50	21.00
09	20.00	23.50
10	22.50	26.00
11	25.00	28.50
12	27.50	31.00

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250DT-08KT

PU= 8.000PCS/REEL

NOTE: ACCEPTS 250DP HOUSINGS

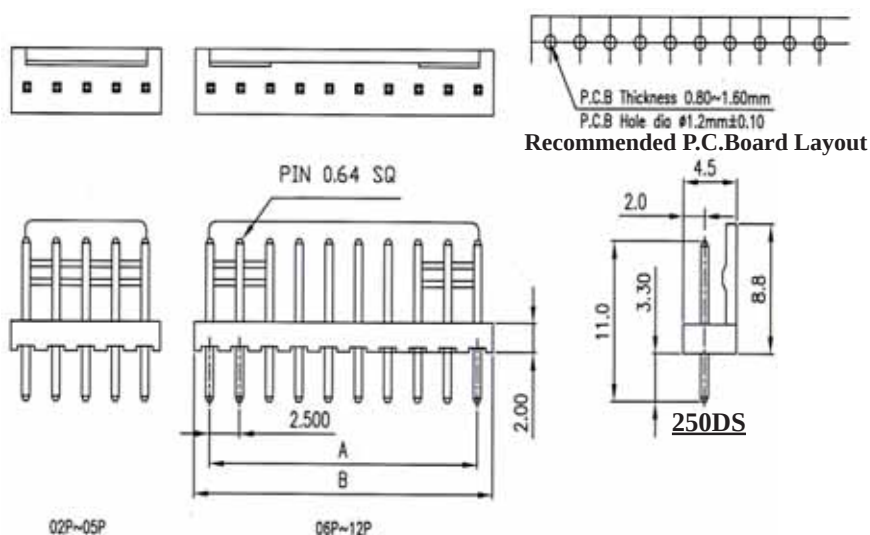
HOUSING:

P/N 250DP - $\frac{XX}{1}$ H V

1. NO. OF CONTACTS:
002 through 012

NOTE: ACCEPTS 250DT TERMINAL

2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (B2)



SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 500M Ω Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 20m Ω Max.

Operating Temperature: -25°C to +85°C

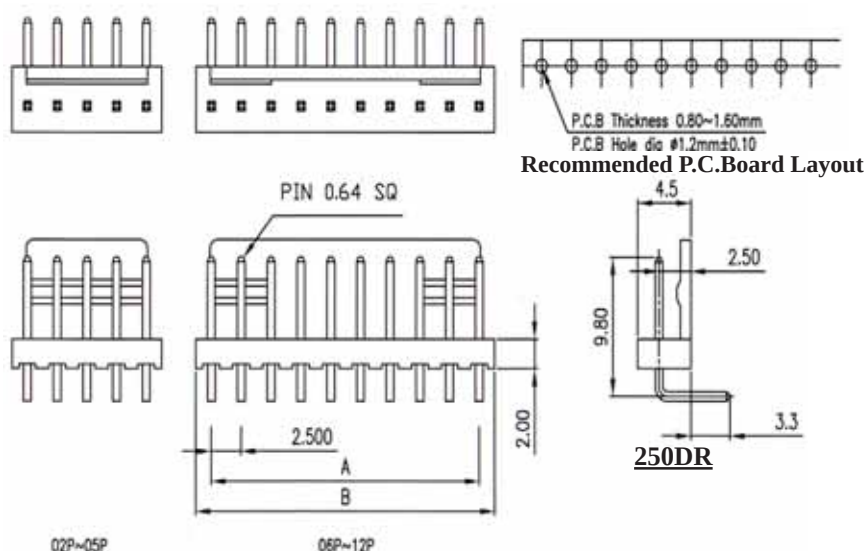
MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass & Phosphor Bronze

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.10
03	5.00	7.60
04	7.50	10.10
05	10.00	12.60
06	12.50	15.10
07	15.00	17.60
08	17.50	20.10
09	20.00	22.60
10	22.50	25.10
11	25.00	27.60
12	27.50	30.10

ORDERING INFORMATION:

P/N 2 5 0 $\frac{x}{1} - \frac{x}{2}$ T V

1. TERMINAL TYPE:

"DS" STRAIGHT TYPE

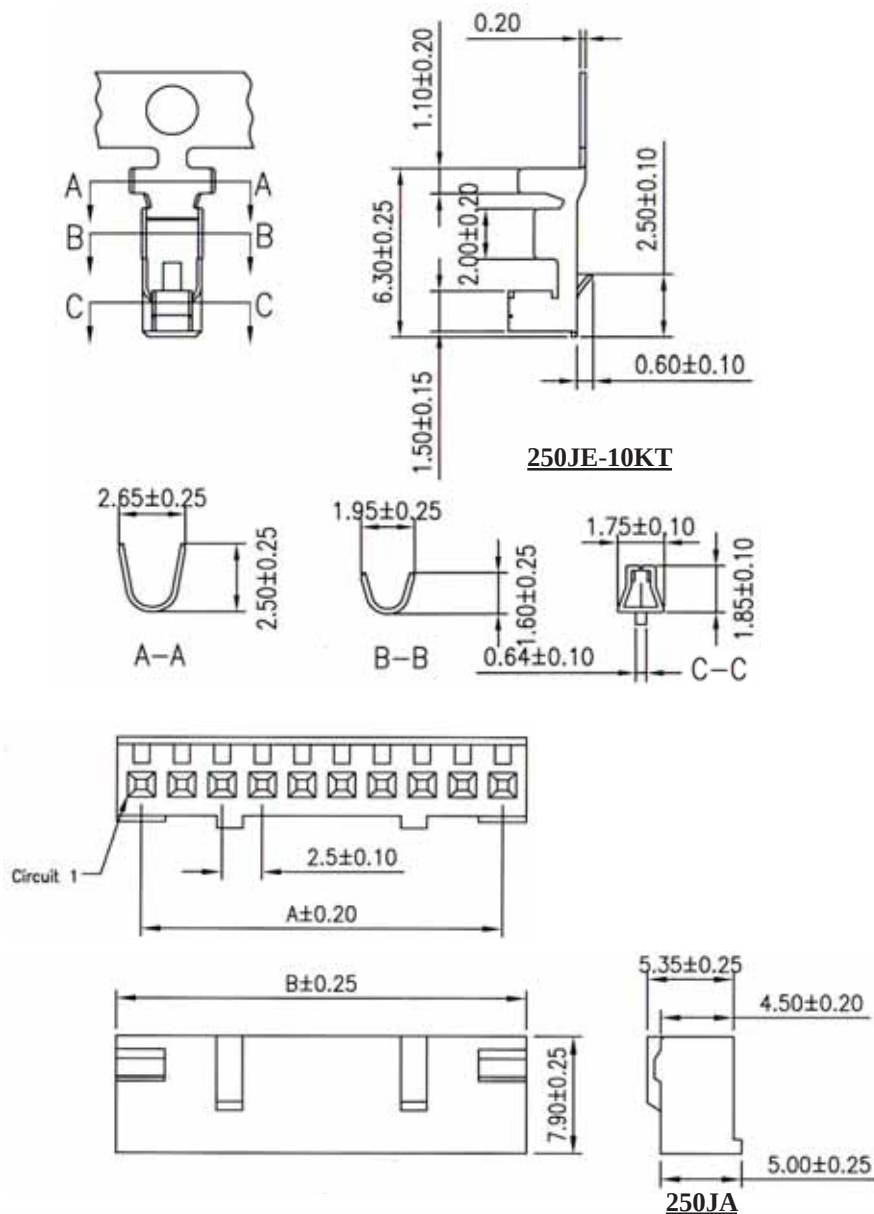
"DR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 through 012

NOTE: MATES WITH 250DP HOUSING

2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (C1)



TERMINAL

Accepts AWG# 22-28 Wire Range

Insulation O.D.: 1.90mm(max)

Material: Phosphor Bronze

Finish: Tin Plated

Thickness: 0.2mm

HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250JE-10KT

PU= 10.000PCS/REEL

NOTE: Accepts 250JA HOUSING

HOUSING:

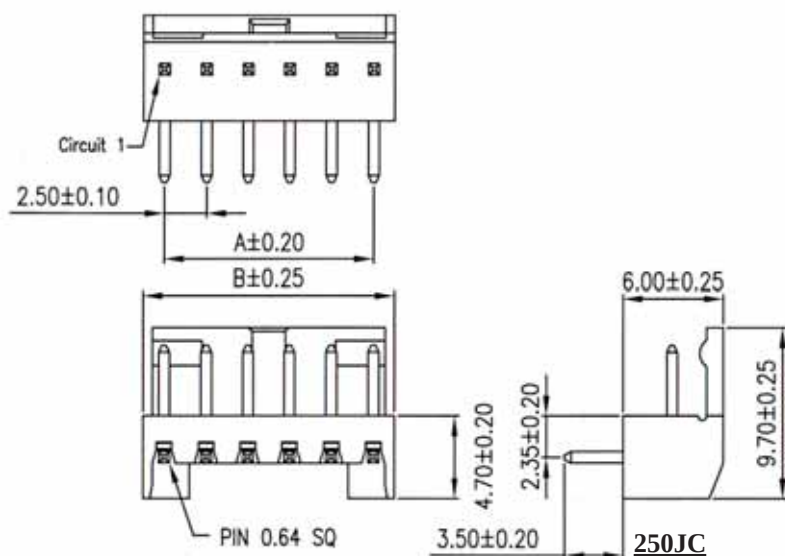
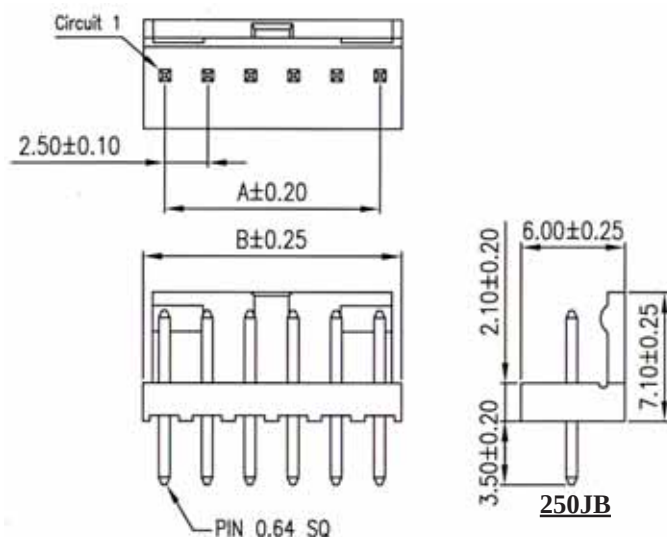
P/N 250JA - xxxHC

1. NO. OF CONTACTS:

002 through 015

NOTE: Accepts 250JE TERMINAL

2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (C2)



SPECIFICATIONS

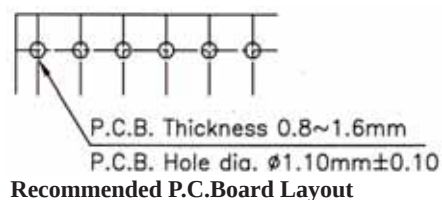
Material: Nylon 66, UL94V-0

0.64mm(0.025") squared pin

Pin Material: Brass/Tin Plated

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.10
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50



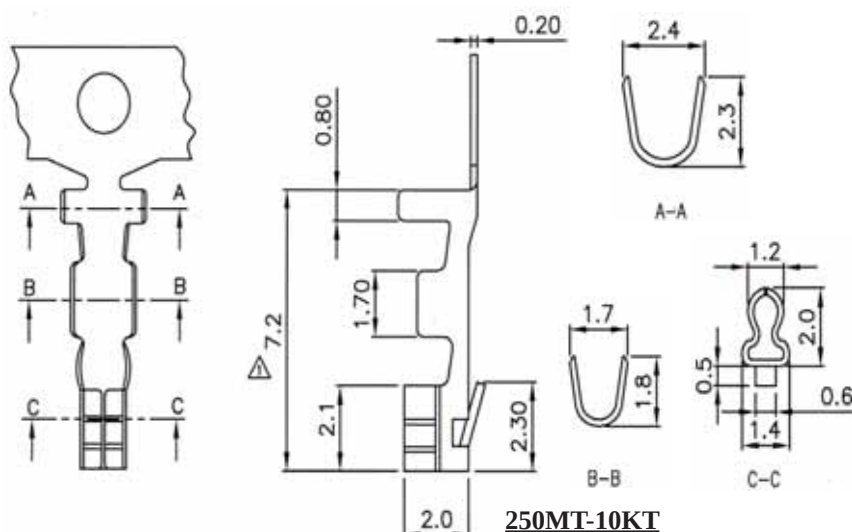
ORDERING INFORMATION:

P/N 250 $\frac{xx}{1} - \frac{xxx}{2}$ T C

1. TERMINAL TYPE:
"JB" STRAIGHT TYPE
"JC" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 through 015

NOTE: MATES WITH 250JA HOUSING

2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (D1)



SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 500MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +85°C

TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.90mm (max)

Material: Phosphor Bronze

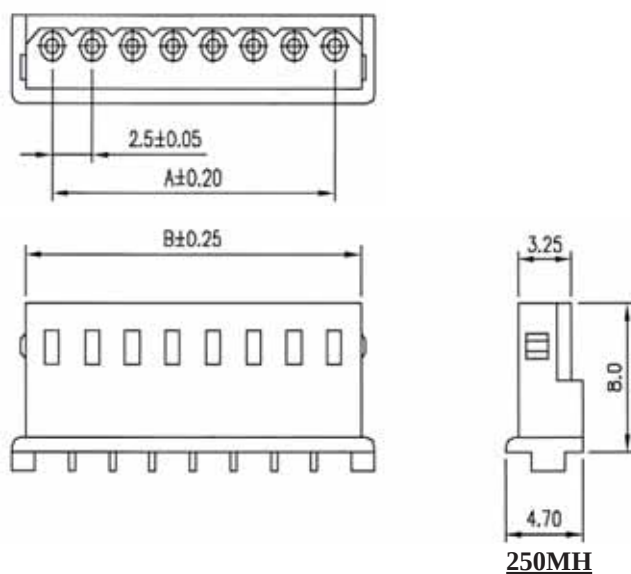
Finish: Tin Plated

Thickness: 0.20mm

HOUSING

Material: Nylon 66, UL 94V-2

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.80
03	5.00	8.30
04	7.50	10.80
05	10.00	13.30
06	12.50	15.80
07	15.00	18.30
08	17.50	20.80
09	20.00	23.30
10	22.50	25.80
11	25.00	28.30
12	27.50	30.80
13	30.00	33.30
14	32.50	35.80
15	35.00	38.30
16	37.50	40.80

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250MT-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 250MH HOUSINGS

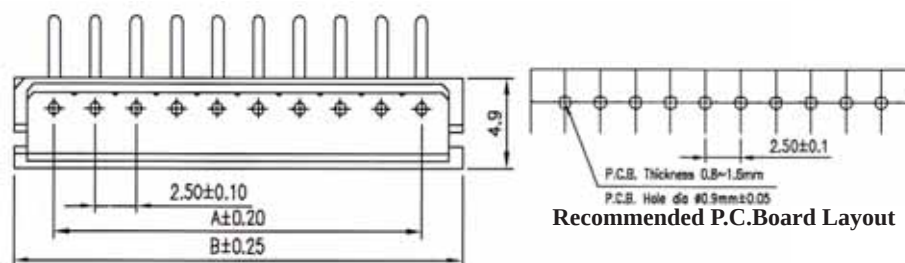
HOUSING:

P/N 250MH - $\frac{X \ X \ X}{1}$ H V

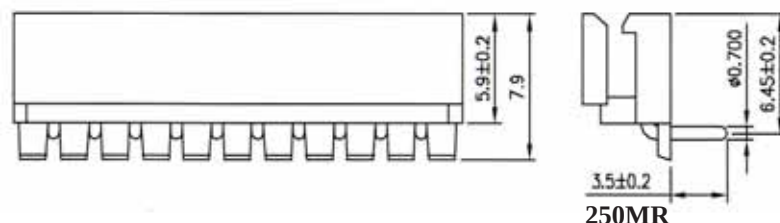
1. NO. OF CONTACTS:
002 through 016

NOTE: ACCEPTS 250MT TERMINAL

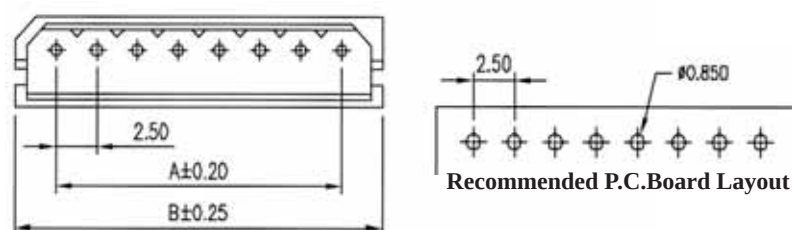
2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (D2)



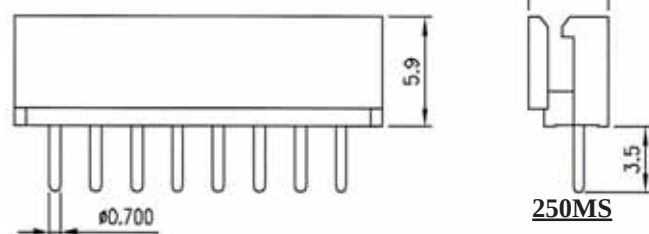
Recommended P.C.Board Layout



250MR



Recommended P.C.Board Layout



250MS

SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 500MΩ 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	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00

ORDERING INFORMATION:

P/N 2 5 0 x₁ - x x x₂ T V

1. TERMINAL TYPE:

"MR" RIGHT ANGLE TYPE

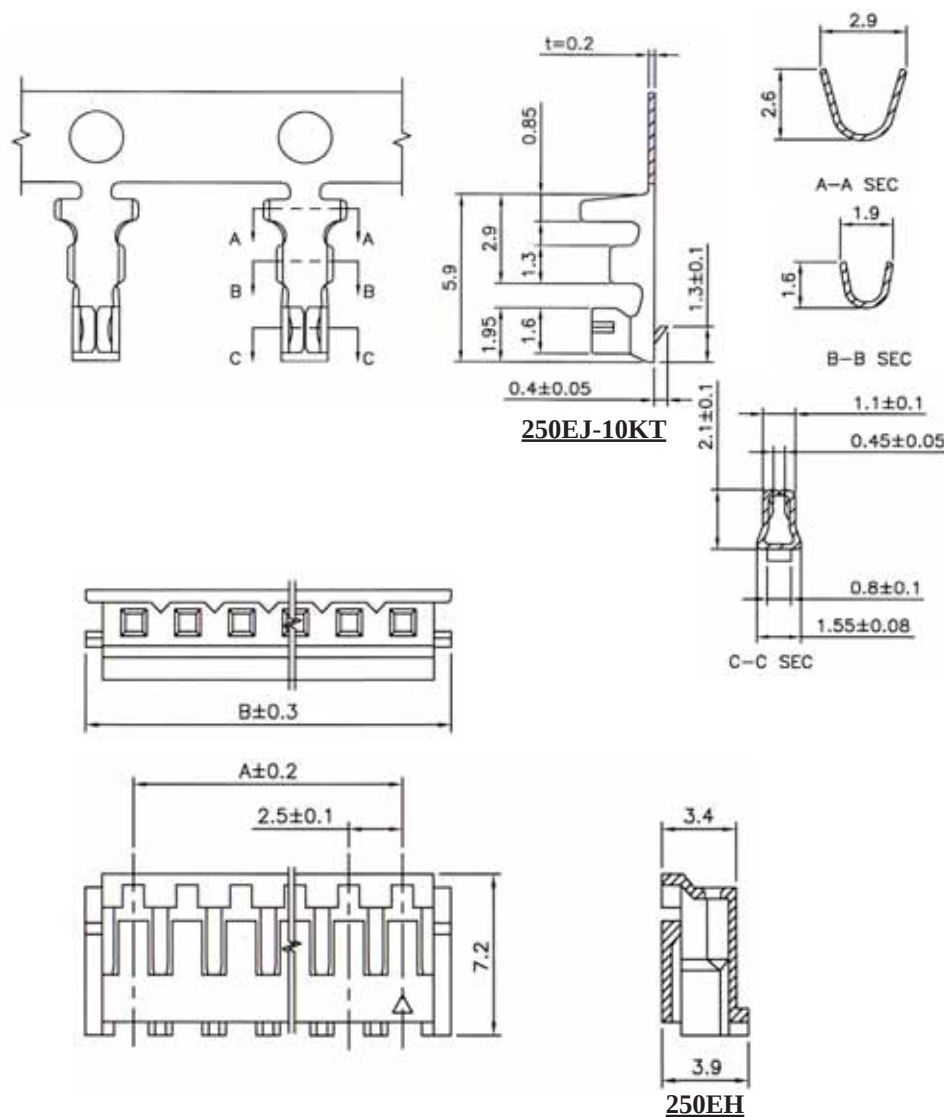
"MS" STRAIGHT TYPE

2. NO. OF CONTACTS:

002 through 015

NOTE: MATES WITH 250MH HOUSING

2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (E1)



SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 800V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +85°C

TERMINAL

Accepts AWG# 22-28 Wire Range

Material: Phosphor Bronze

Finish: Tin Plated

Thickness: 0.20mm

HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.00
03	5.00	9.50
04	7.50	12.00
05	10.00	14.50
06	12.50	17.00
07	15.00	19.50
08	17.50	22.00
09	20.00	24.50
10	22.50	27.00
11	25.00	29.50
12	27.50	32.00
13	30.00	34.50
14	32.50	37.00
15	35.00	39.50

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250EJ-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 250EH HOUSING

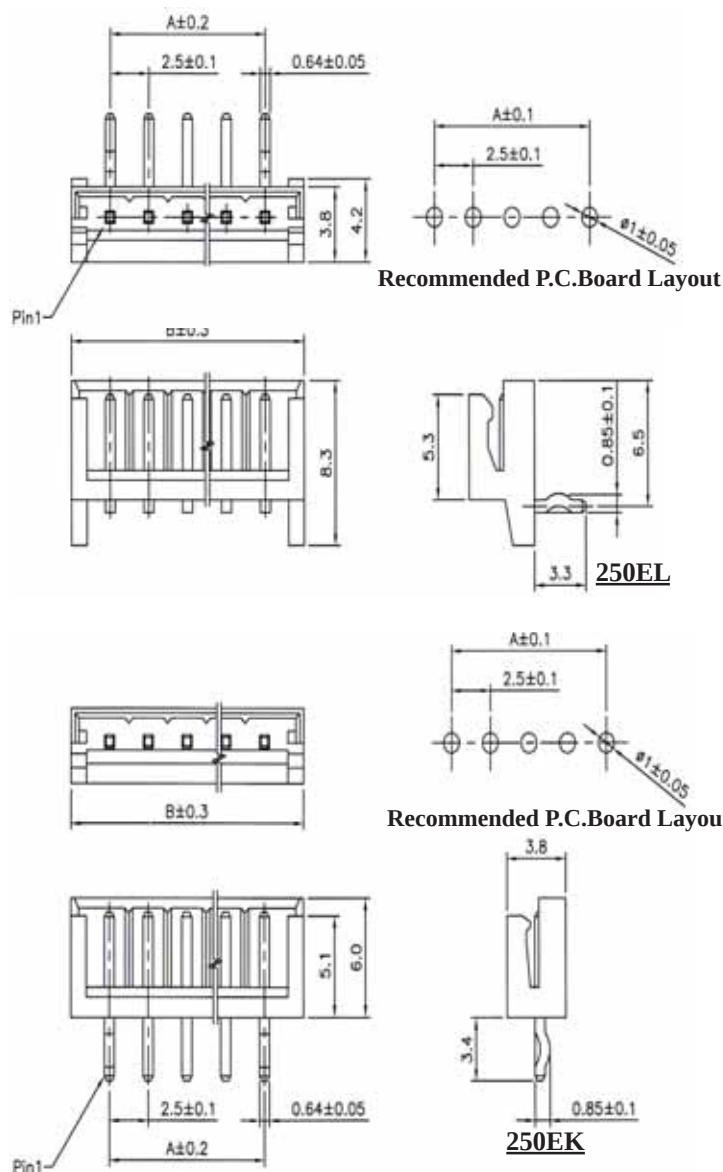
HOUSING:

P/N 250EH - XXX H V
1

1. NO. OF CONTACTS:
002 through 015

NOTE: ACCEPTS 250EJ TERMINAL

2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (E2)



SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 800V 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.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00

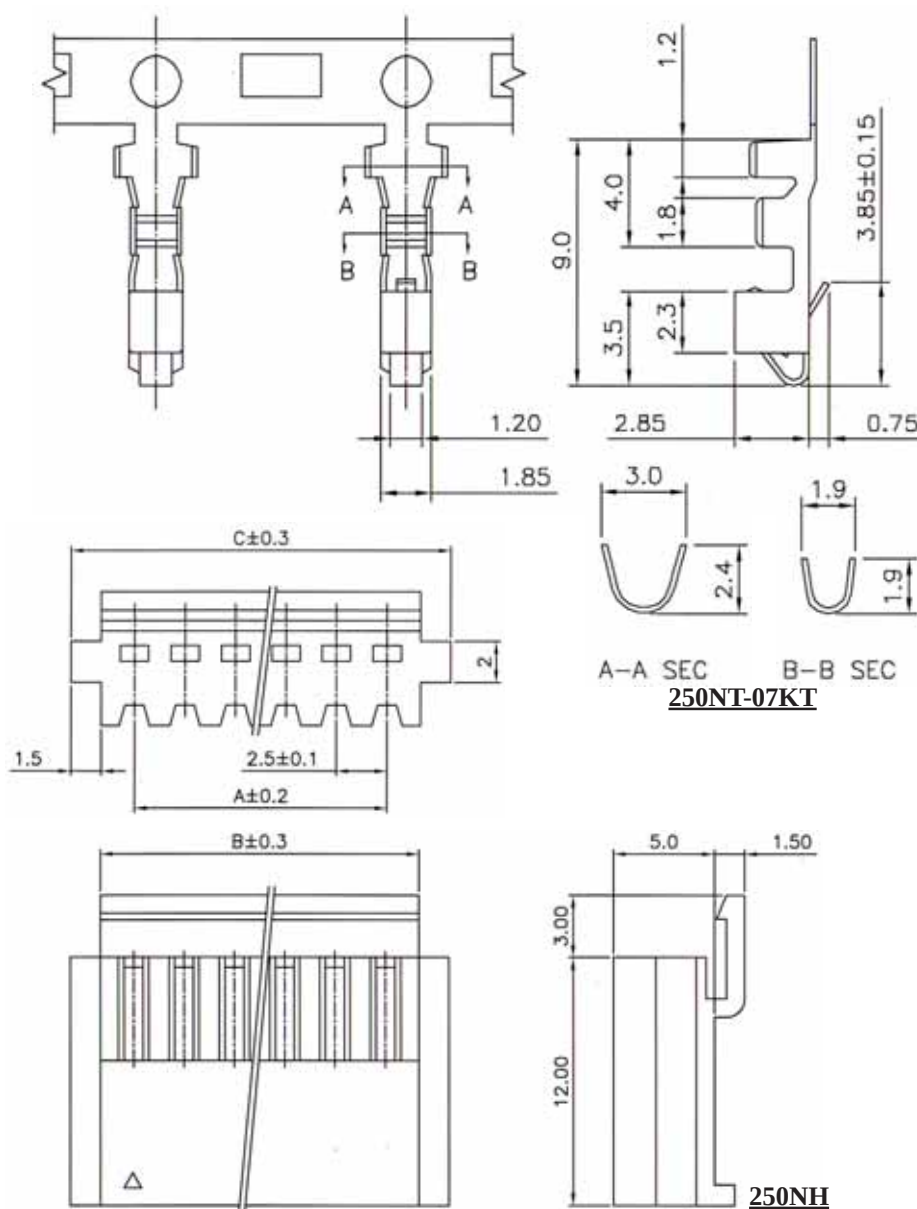
ORDERING INFORMATION:

P/N 2 5 0 1 2 T V

1. TERMINAL TYPE:
"EL" RIGHT ANGLE TYPE
"EK" STRAIGHT TYPE
2. NO. OF CONTACTS:
002 through 015

NOTE: MATES WITH 250EH HOUSING

2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (F1)



SPECIFICATIONS

Current Rating: 3.0 Amp
Dielectric Withstanding: 1500V AC
Insulation Resistance: 500MΩ Min
Contact Resistance: 20mΩ Max.
Operating Temperature: -20°C to + 85°C

TERMINAL

Accepts AWG# 22-28 Wire Range
Material: Brass
Finish: Tin Plated
Thickness: 0.2mm

HOUSING

Material: Nylon 66, UL 94V-0
 All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
02	2.50	5.70	8.70
03	5.00	8.20	11.20
04	7.50	10.70	13.70
05	10.00	13.20	16.20
06	12.50	15.70	18.70
07	15.00	18.20	21.20
08	17.50	20.70	23.70
09	20.00	23.20	26.20
10	22.50	25.70	28.70
11	25.00	28.20	31.20
12	27.50	30.70	33.70
13	30.00	33.20	36.20
14	32.50	35.70	38.70
15	35.00	38.20	41.20
16	37.50	40.70	43.70
17	40.00	43.20	46.20
18	42.50	45.70	48.70
19	45.00	48.20	51.20
20	47.50	50.70	53.70

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250NT-07KT

PU= 7.000PCS/REEL

NOTE: Accepts 250NH HOUSING

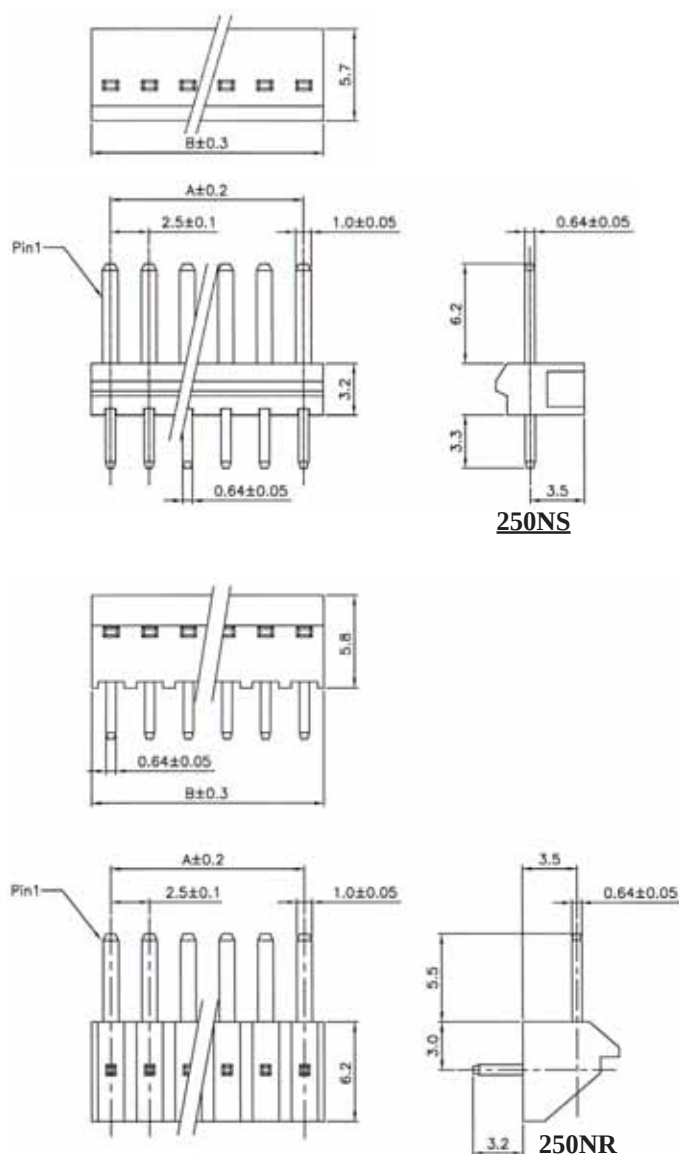
HOUSING:

P/N 250NH - $\frac{x \times x}{1}$ HV

1. NO. OF CONTACTS:
002 through 020

NOTE: Accepts 250NT TERMINAL

2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (F2)



SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 500MΩ Min

Dielectric Withstanding: 1500V 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.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.00
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50
16	37.50	40.00
17	40.00	42.50
18	42.50	45.00
19	45.00	47.50
20	47.50	50.00

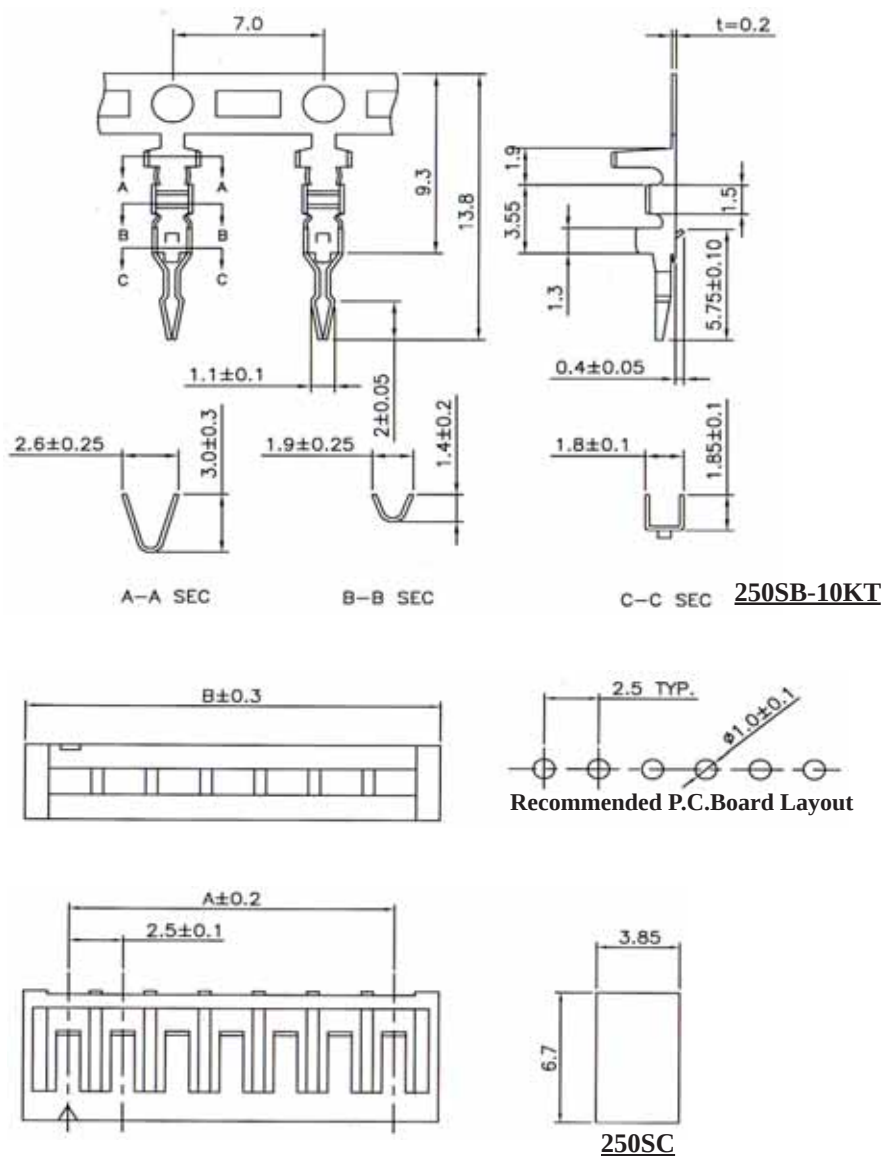
ORDERING INFORMATION:

P/N 2 5 0 $\frac{xx}{1}$ - $\frac{xxx}{2}$ T V

1. TERMINAL TYPE:
"NS" STRAIGHT TYPE
"NR" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 through 020

NOTE: MATES WITH 250NH HOUSING

2.50MM(0.098") SPACING BOARD-IN TYPE SYSTEM (1)



SPECIFICATIONS

Current Rating: 2.5 Amp

Dielectric Withstanding: 800V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 85°C

TERMINAL

Accepts AWG# 22-28 Wire Range

Material: Brass

Finish: Tin Plated

Thickness: 0.2mm

HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	6.50
03	5.00	9.00
04	7.50	11.50
05	10.00	14.00
06	12.50	16.50
07	15.00	19.00
08	17.50	21.50
09	20.00	24.00
10	22.50	26.50
11	25.00	29.00
12	27.50	31.50
13	30.00	34.00
14	32.50	36.50
15	35.00	39.00
16	37.50	41.50

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250SB-10KT

PU= 10.000PCS/REEL

NOTE: Accepts 250SC HOUSING

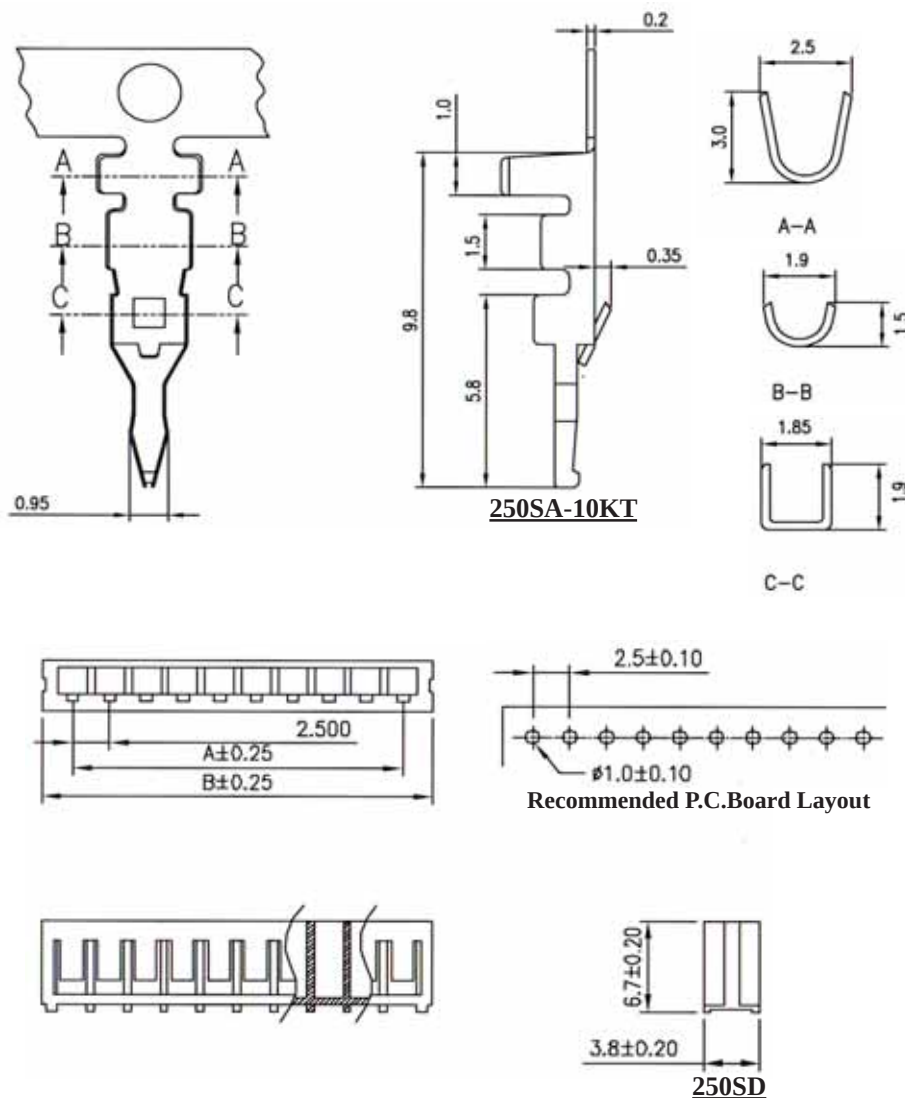
HOUSING:

P/N 250SC - xxx H V
1

1. NO. OF CONTACTS:
002 through 016

NOTE: Accepts 250SB TERMINAL

2.50MM(0.098") SPACING BOARD-IN TYPE SYSTEM (2)



TERMINAL

Accepts AWG# 22-28 Wire Range

Insulation O.D.: 1.90mm(max)

Material: Brass

Finish: Tin Plated

Thickness: 0.2mm

HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	6.60
03	5.00	9.10
04	7.50	11.60
05	10.00	14.10
06	12.50	16.60
07	15.00	19.10
08	17.50	21.60
09	20.00	24.10
10	22.50	26.60
11	25.00	29.10
12	27.50	31.60
13	30.00	34.10
14	32.50	36.60
15	35.00	39.10
16	37.50	41.60

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250SA-10KT

PU= 10.000PCS/REEL

NOTE: Accepts 250SD HOUSING

HOUSING:

P/N 250SD - $\frac{xxx}{1} \frac{C}{2}$

1. NO. OF CONTACTS:

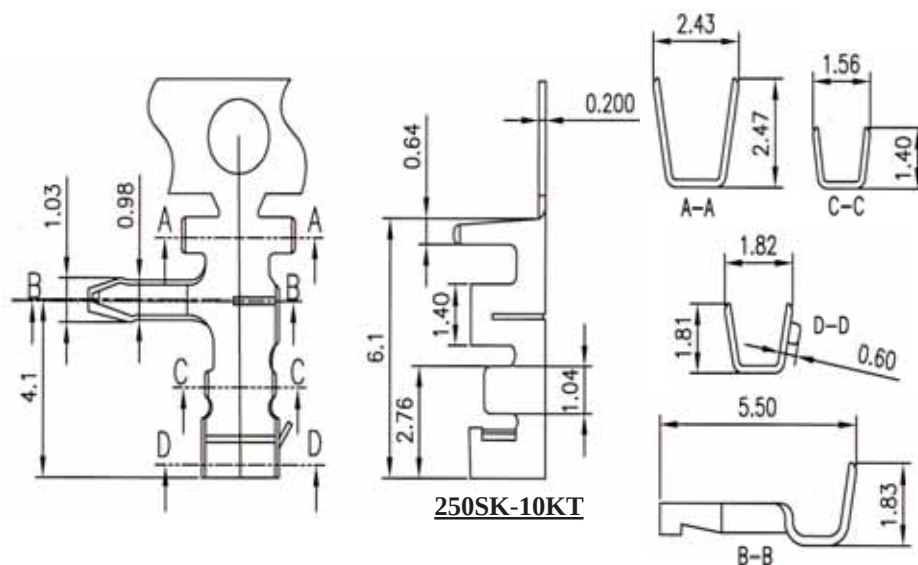
002 through 016

2. INSULATOR COLOR:

"C" BROWN

NOTE: Accepts 250SA TERMINAL

2.50MM(0.098") SPACING BOARD-IN TYPE SYSTEM (3)



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

TERMINAL

Accepts AWG# 22-28 Wire Range

Insulation O.D.: 1.90mm (max)

Material: Phosphor Bronze/Brass

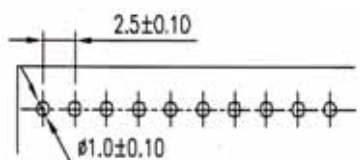
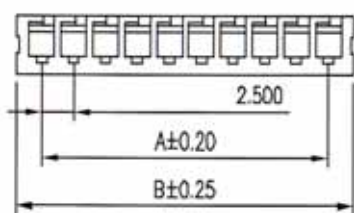
Finish: Tin Plated

Thickness: 0.20mm

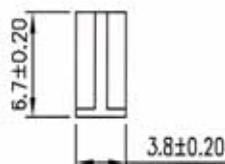
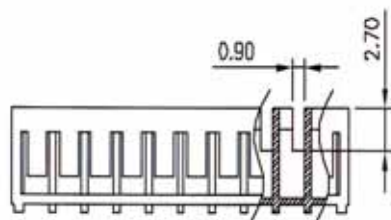
HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.



Recommended P.C.Board Layout



250SJ

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	6.50
03	5.00	9.00
04	7.50	11.50
05	10.00	14.00
06	12.50	16.50
07	15.00	19.00
08	17.50	21.50
09	20.00	24.00
10	22.50	26.50
11	25.00	29.00
12	27.50	31.50
13	30.00	34.00
14	32.50	36.50
15	35.00	39.00
16	37.50	41.50

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250SK-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 250SJ HOUSING

HOUSING:

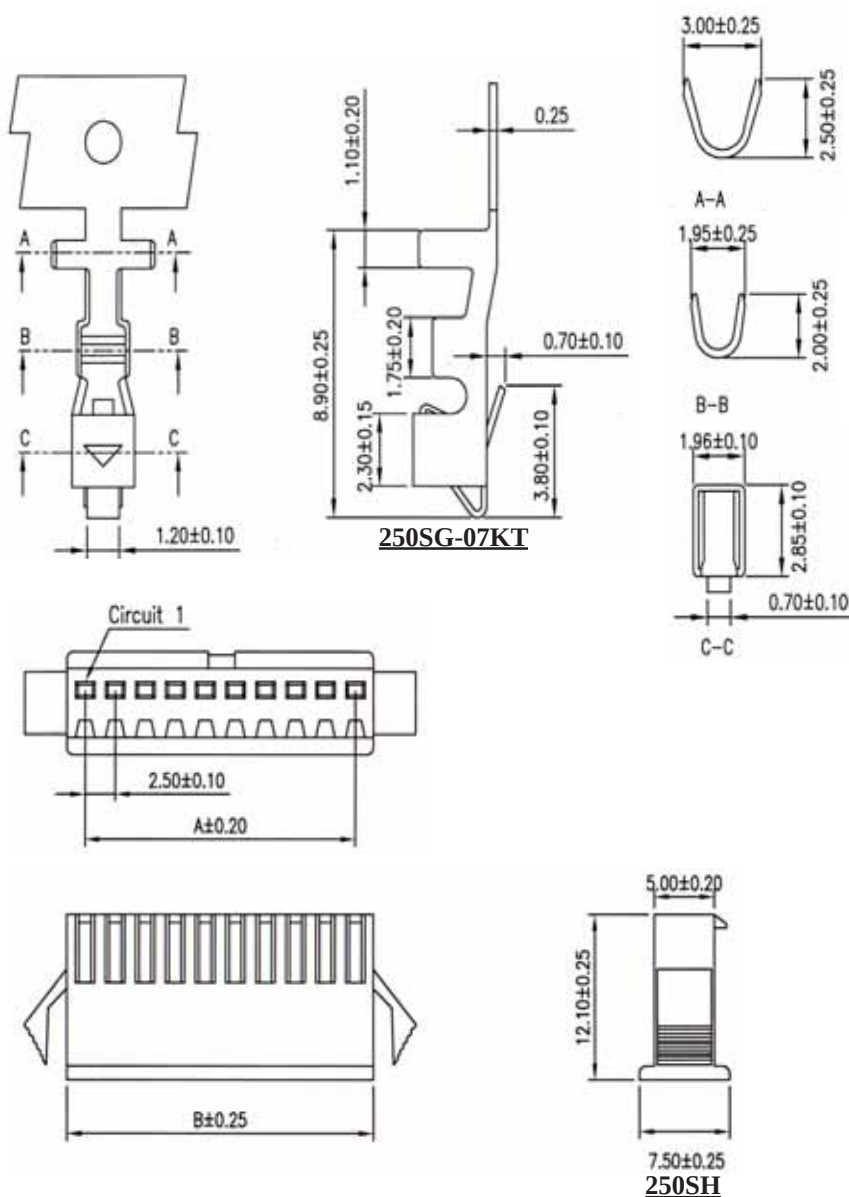
P/N 250SJ - XXX HV
1

1. NO. OF CONTACTS:

002 through 016

NOTE: ACCEPTS 250SK TERMINAL

2.50MM(0.098") SPACING WIRE-TO-WIRE 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

TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.70mm (max)

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
02	2.50	5.50
03	5.00	8.00
04	7.50	10.50
05	10.00	13.00
06	12.50	15.50
07	15.00	18.00
08	17.50	20.50
09	20.00	23.00
10	22.50	25.50
11	25.00	28.00
12	27.50	30.50

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250SG-07KT

PU= 7.000PCS/REEL

NOTE: ACCEPTS 250SH HOUSING

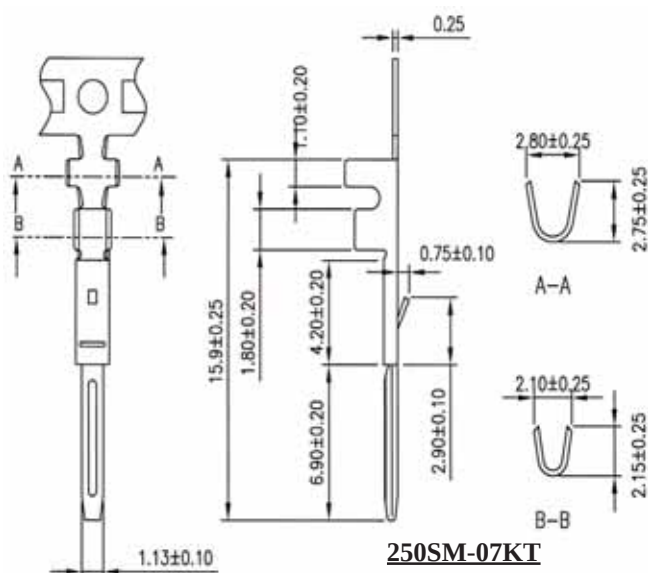
HOUSING:

P/N 250SH - $\frac{x \times x}{1}$ H B

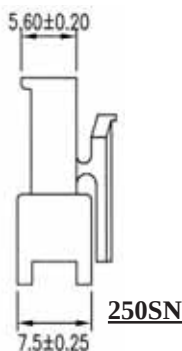
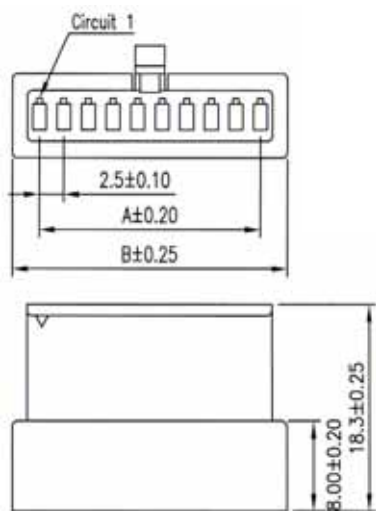
1. NO. OF CONTACTS:
002 through 012

NOTE: ACCEPTS 250SG TERMINAL

2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (A2)



250SM-07KT



250SN

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

TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.70mm (max)

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
02	2.50	8.00
03	5.00	10.50
04	7.50	13.00
05	10.00	15.50
06	12.50	18.00
07	15.00	20.50
08	17.50	23.00
09	20.00	25.50
10	22.50	28.00
11	25.00	30.50
12	27.50	33.00

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250SM-07KT

PU= 7.000PCS/REEL

NOTE: ACCEPTS 250SN HOUSING

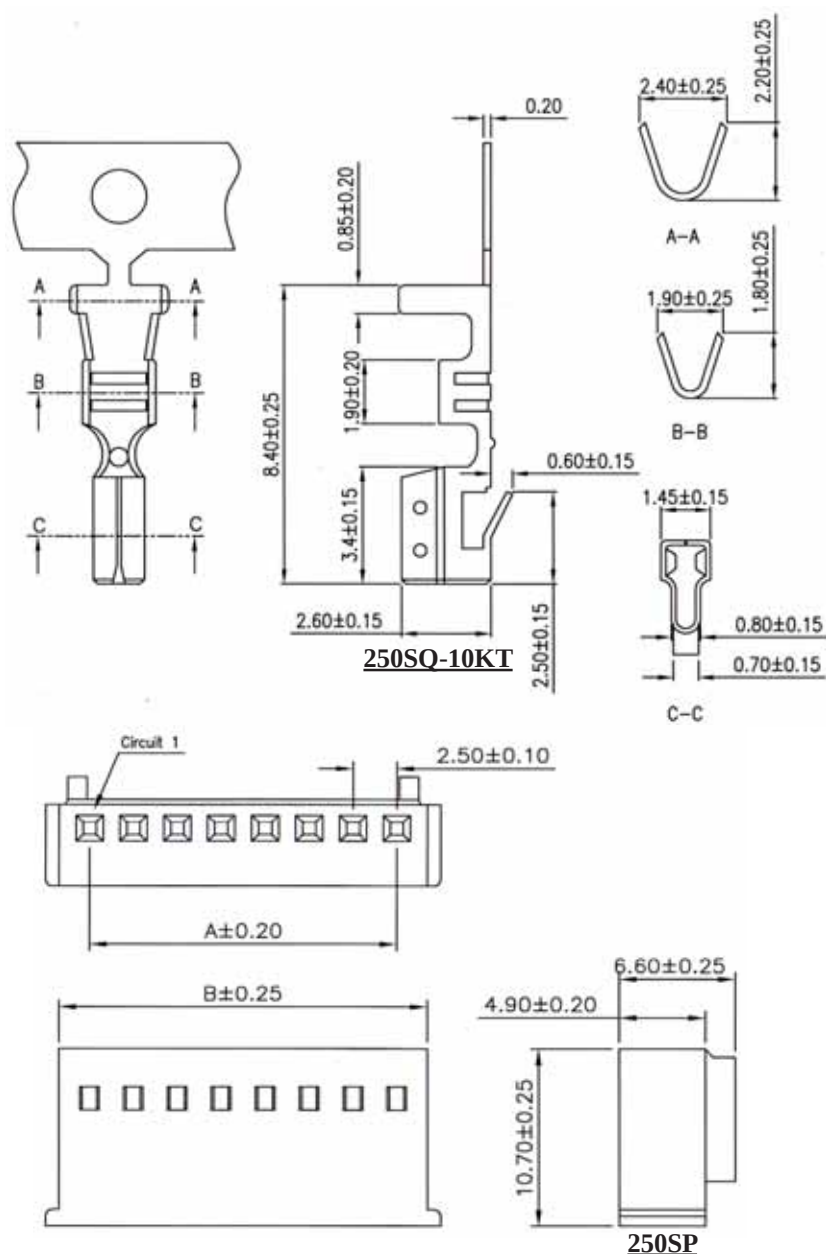
HOUSING:

P/N 250SN - $\frac{X \times X}{1}$ H B

1. NO. OF CONTACTS:
002 through 012

NOTE: ACCEPTS 250SM TERMINAL

2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (B1)



TERMINAL

Accepts AWG# 22-28 Wire Range

Insulation O.D.: 1.90mm(max)

Material: Brass & Phosphor Bronze

Finish: Tin Plated

Thickness: 0.20mm

HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

250SP

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	6.00
03	5.00	8.50
04	7.50	11.00
05	10.00	13.50
06	12.50	16.00
07	15.00	18.50
08	17.50	21.00
09	20.00	23.50
10	22.50	26.00
11	25.00	28.50
12	27.50	31.00

ORDERING INFORMATION:

TERMINAL:

P/N 250SQ-10KT

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 250SP HOUSING

HOUSING:

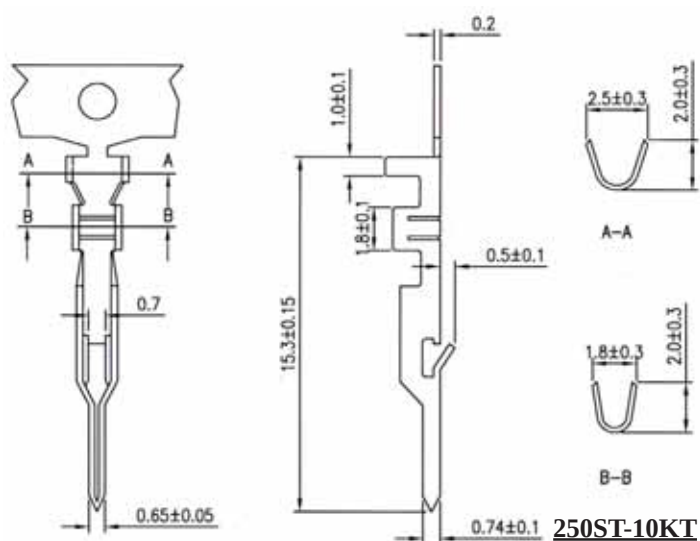
P/N 250SP-xxxHV
1

1. NO. OF CONTACTS:

002 through 012

NOTE: ACCEPTS 250SQ TERMINAL

2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (B2)



TERMINAL

Accepts AWG# 22-28 Wire Range

Insulation O.D.: 1.90mm(max)

Material: Brass & Phosphor Bronze

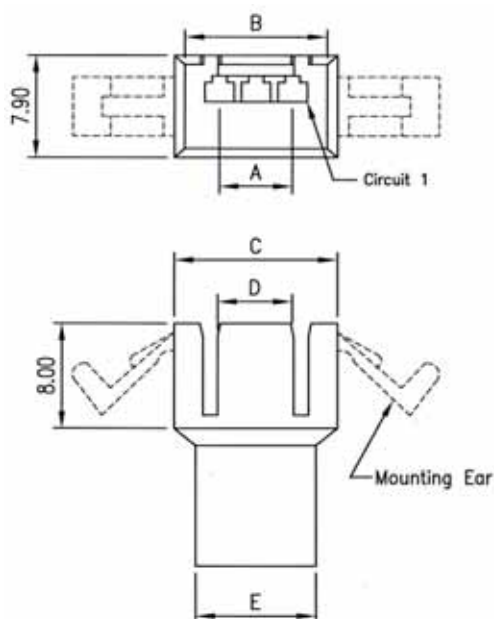
Finish: Tin Plated

Thickness: 0.20mm

HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.



250SE/250SF

250SE/250SF

No. of Contacts	Dimensions(mm)			
	A	B	C	D
02	2.50	6.20	8.60	2.50
03	5.00	8.70	11.10	5.00
04	7.50	11.20	13.60	7.50
05	10.00	13.70	16.10	3.70
06	12.50	16.20	18.60	5.00
07	15.00	18.70	21.10	5.00
08	17.50	21.20	23.60	5.00
09	20.00	23.70	26.10	5.00
10	22.50	26.20	28.60	5.00
11	25.00	28.70	31.10	5.00
12	27.50	31.20	33.60	5.00

ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250ST-10KT

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 250SE & 250SF HOUSING

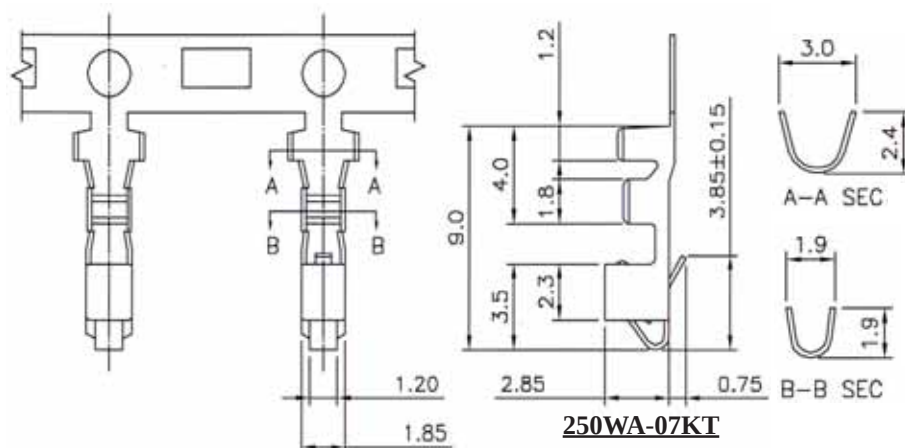
HOUSING:

P/N 250 $\frac{xx}{1}$ - $\frac{xx}{2}$ HV

1. MOUNTING EAR OPTION:
"SE" WITH MOUNTING EAR
"SF" W/O MOUNTING EAR
2. NO. OF CONTACTS:
002 through 012

NOTE: ACCEPTS 250ST TERMINAL

2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (C1)



TERMINAL

Applicable Wires: AWG# 22-28

Material: Brass

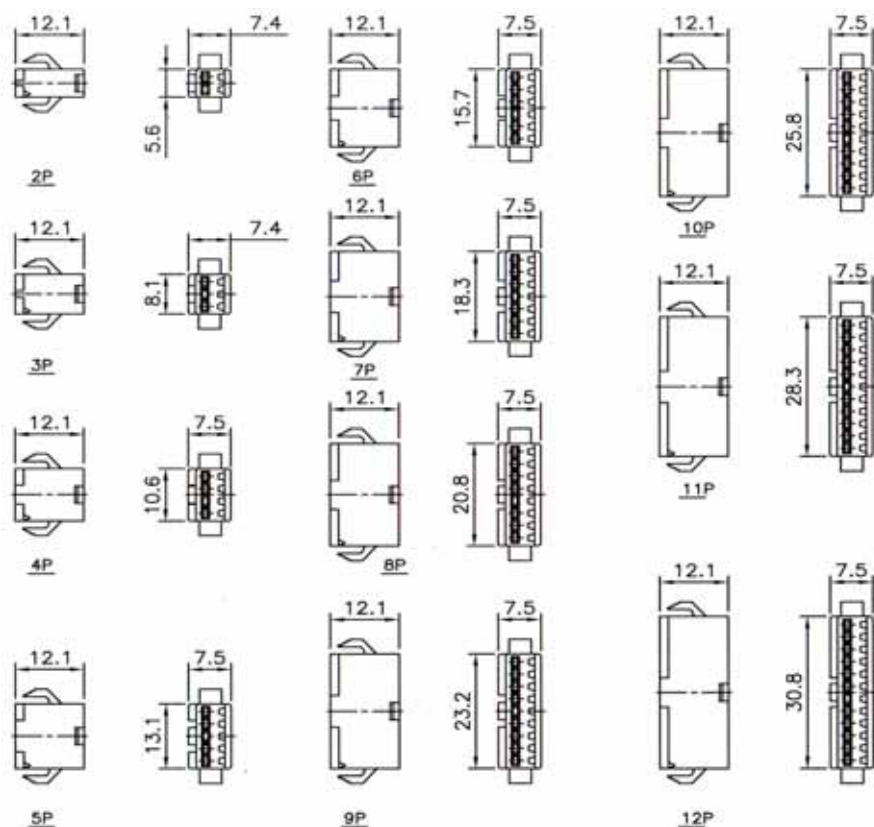
Finish: Tin Plated

Thickness: 0.20mm

HOUSING

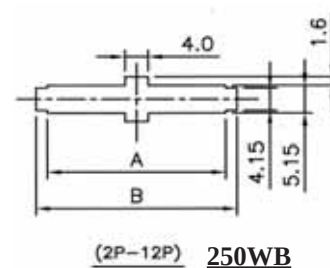
Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.



250WB

No. of Contacts	Dimensions(mm)	
	A	B
02	5.70	9.60
03	8.20	12.10
04	10.70	14.60
05	13.20	17.10
06	15.70	19.60
07	18.20	22.10
08	20.70	24.60
09	23.20	27.10
10	25.70	29.60
11	28.20	32.10
12	30.70	34.60
16	20.70	24.60
18	23.20	27.20



ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250WA-07KT

PU = 7.000 PCS/REEL

NOTE: ACCEPTS 250WB HOUSING

HOUSING:

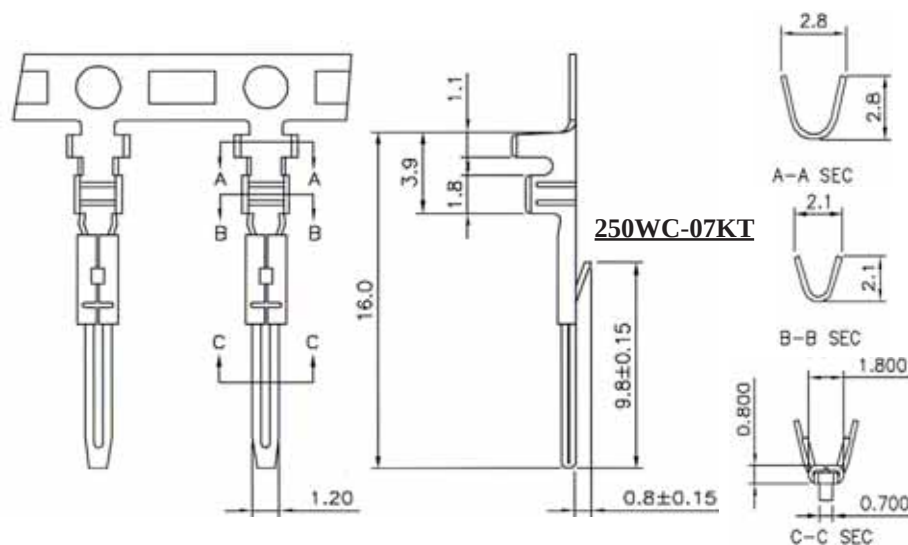
P/N 250WB-xxxHB
1

1. NO. OF CONTACTS:

002 through 018

NOTE: ACCEPTS 250WA TERMINAL

2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (C2)



TERMINAL

Applicable Wires: AWG# 22-28

Material: Brass

Finish: Tin Plated

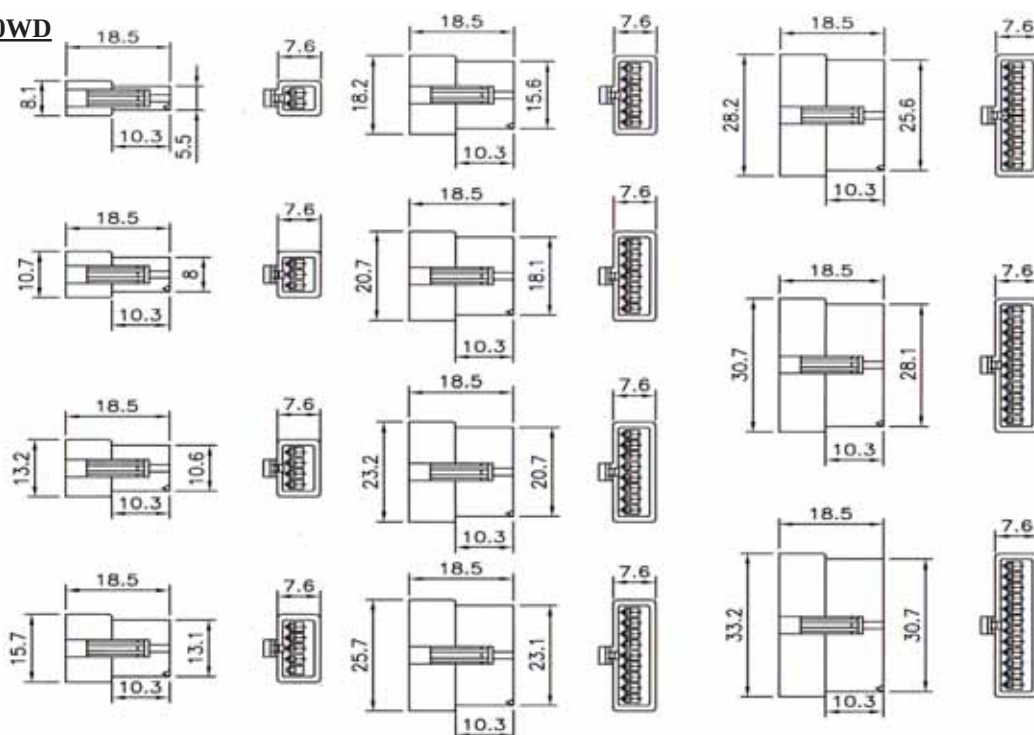
Thickness: 0.20mm

HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

250WD



ORDERING INFORMATION:

CRIMP TERMINAL:

P/N 250WC-07KT

PU = 7.000 PCS/REEL

NOTE: ACCEPTS 250WD HOUSING

HOUSING:

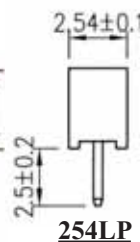
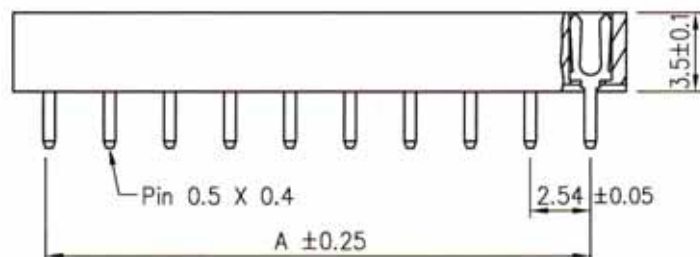
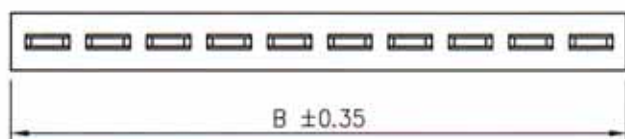
P/N 250WD - $\frac{x \times x \times}{1}$ H B

1. NO. OF CONTACTS:

002 through 012

NOTE: ACCEPTS 250WC TERMINAL

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



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

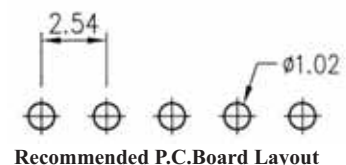
Insulation Material: Polyester, UL 94V-0

P.B.T or Nylon-6T

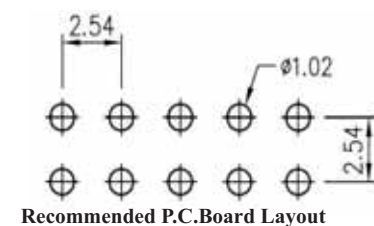
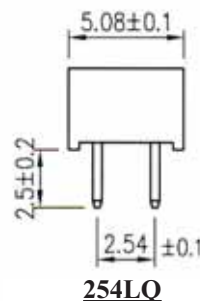
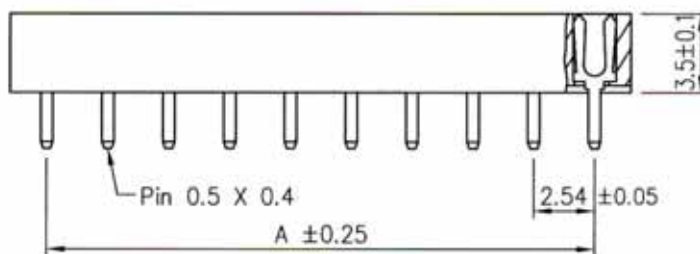
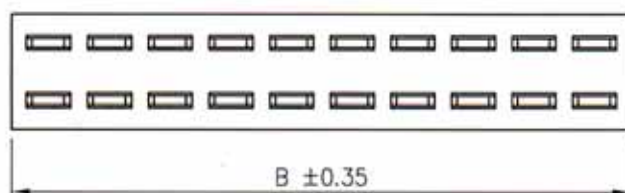
Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

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

1. NO. OF ROWS:

"LP" SINGLE ROW

"LQ" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW

004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

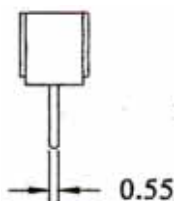
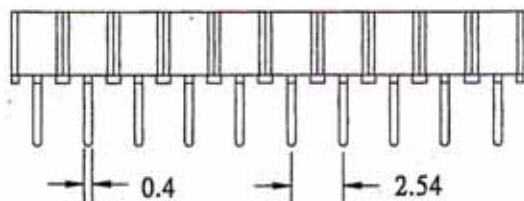
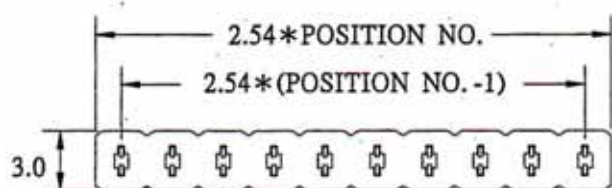
"G" FULL GOLD PLATED

4. INSULATOR MATERIAL:

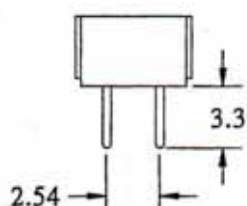
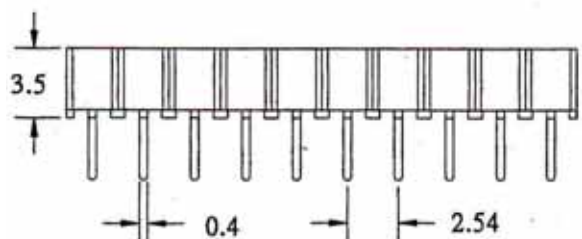
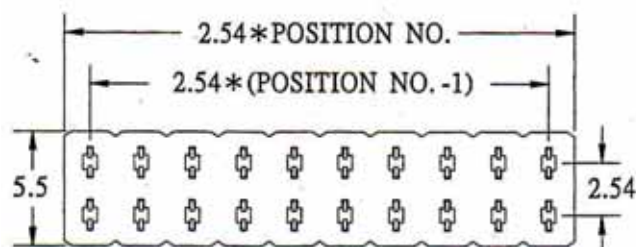
" " PBT

"6T" NYLON 6T

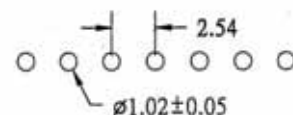
2.54MM(0.100") FEMALE HEADER STRAIGHT TYPE PROFILE=3.50MM



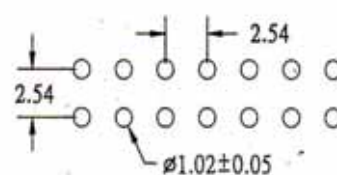
254AL



254AM



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
P.B.T

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 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{G}{3}$ B

1. NO. OF ROWS:

"AL" SINGLE ROW

"AM" DOUBLE ROW

2. NO. OF CONTACTS:

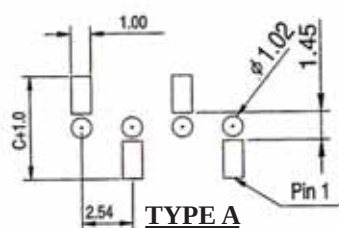
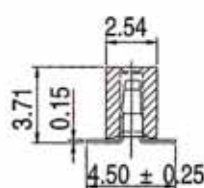
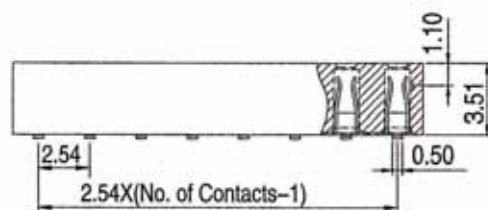
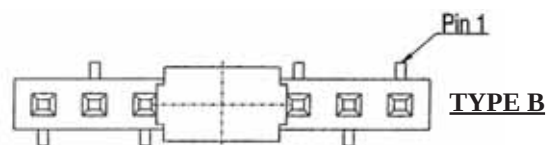
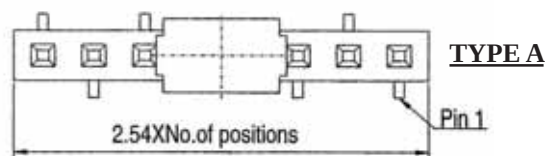
002 through 040 for SINGLE ROW

004 through 080 for DOUBLE ROW

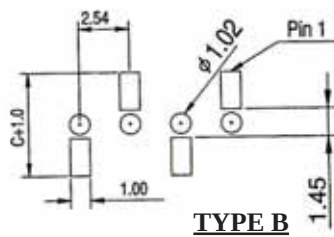
3. CONTACT FINISH:

"G" FULL GOLD PLATED

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



Recommended P.C.Board Layout



Recommended P.C.Board Layout

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 $\frac{H}{1} \frac{x}{2} \frac{x}{3} - \frac{x}{4} \frac{x}{5} \frac{x}{6} \frac{x}{7} B - \frac{x}{8} \frac{x}{9} \frac{x}{10}$

1. PCB LAYOUT TYPE:

"H31" TYPE A

"H32" TYPE B

2. NO. OF CONTACTS:

004 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

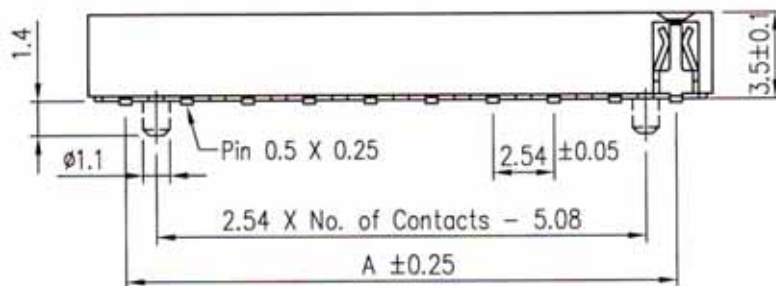
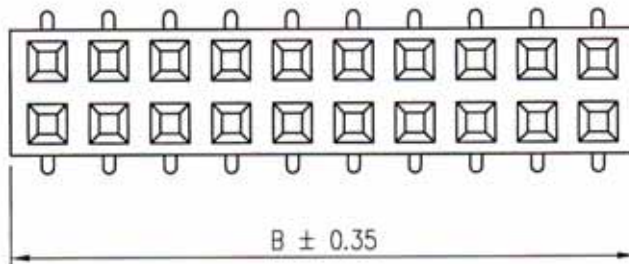
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

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



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

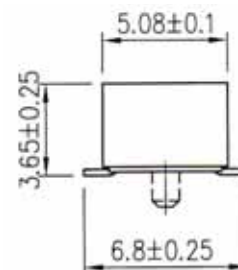
Contact Material: Phosphor Bronze

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

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

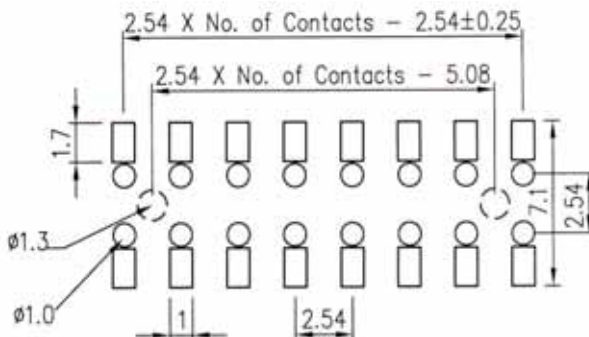
All materials must be RoHS compliant.



DIMENSIONS:

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

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



Recommended P.C.Board Layout

ORDERING INFORMATION:

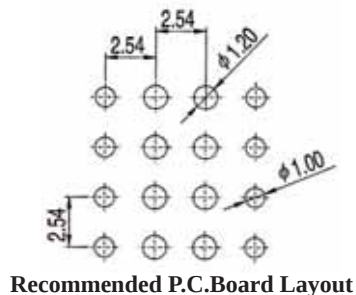
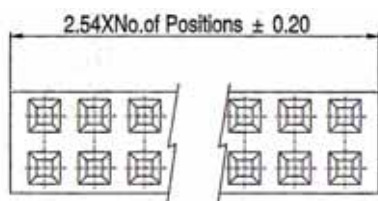
P/N 2 5 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"AT" WITHOUT LOCATING PEG
"AW" WITH LOCATING PEG
2. NO. OF CONTACTS:
004 through 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 DOUBLE ROW STRAIGHT TYPE PROFILE=3.50MM



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

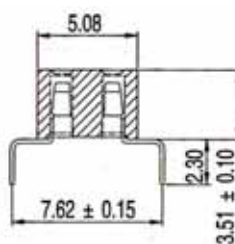
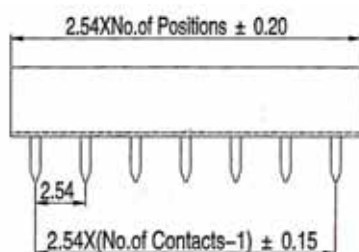
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon-6T, UL94V-0

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.

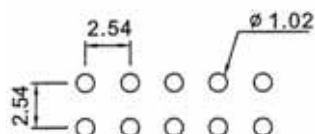
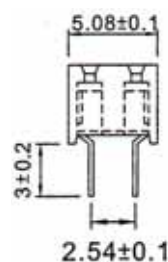
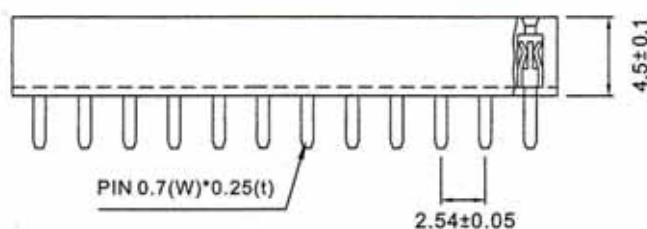
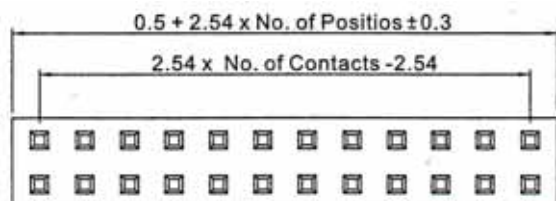


ORDERING INFORMATION:

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 through 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

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



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, UL 94V-0

Contact Material: Phosphor Bronze

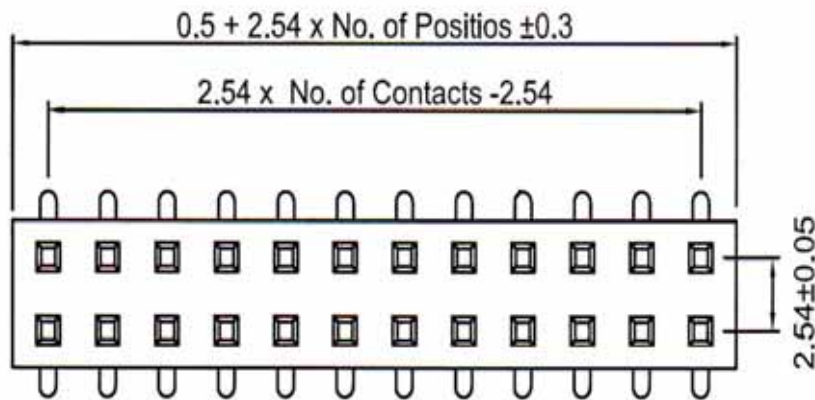
All materials must be RoHS compliant.

ORDERING INFORMATION:

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

1. NO. OF CONTACTS:
004 through 050
2. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED
3. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

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

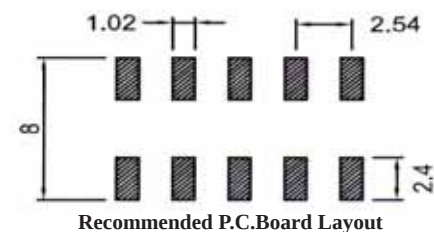
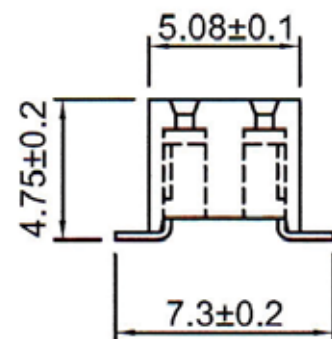
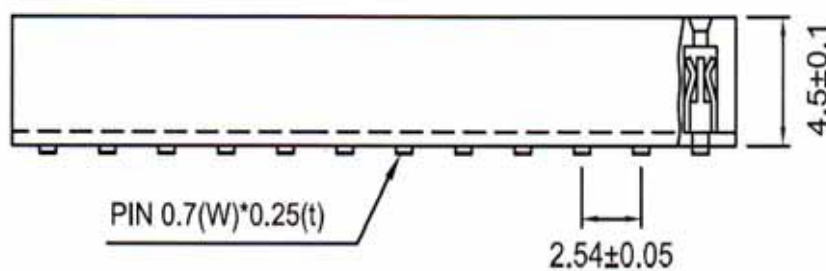
Insulation Material: Polyester, UL 94V-0

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 2 5 $\frac{A}{1} \frac{x}{2} \frac{x}{3} - \frac{x}{4} \frac{x}{3} \frac{x}{3} B - \frac{x}{4}$

1. CONNECTOR TYPE:

"A16" WITHOUT LOCATING PEG

2. NO. OF CONTACTS:

004 through 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

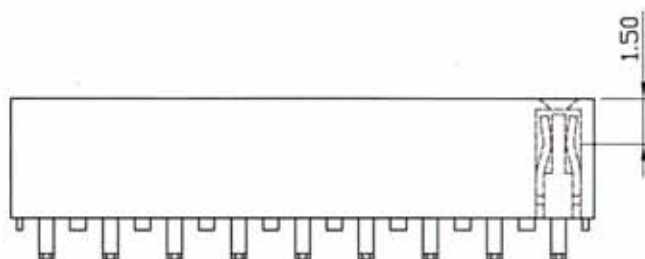
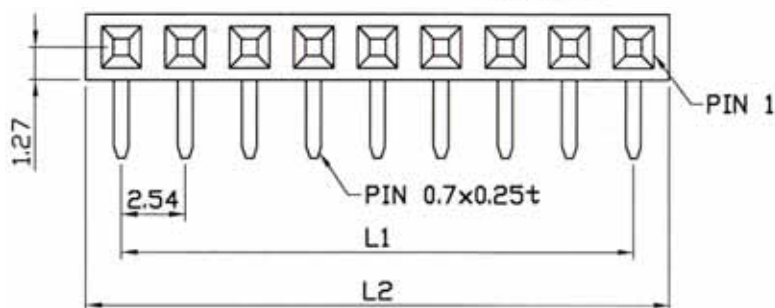
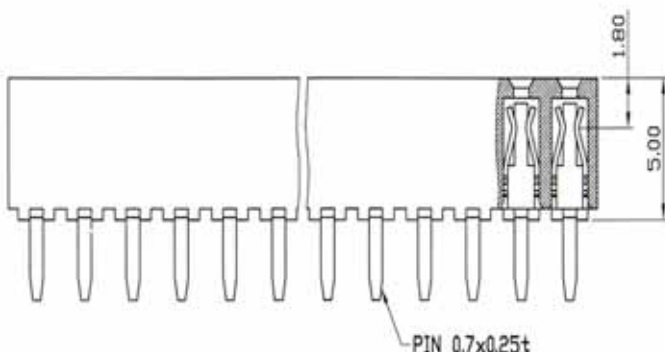
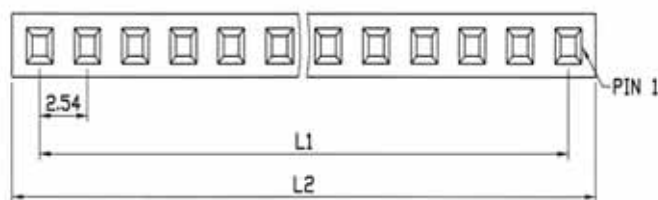
"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

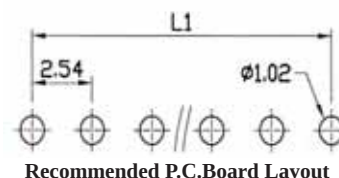
"G" WITH FILM IN TAPE & REEL

NOTE: PAD= Pick & Place Pad

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS PROFILE=5.00MM



254FP

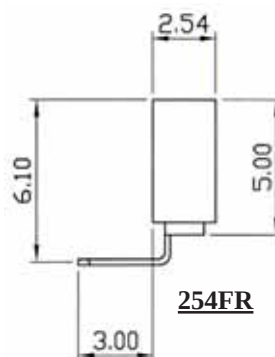


Recommended P.C.Board Layout

DIMENSIONS:

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

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



254FR

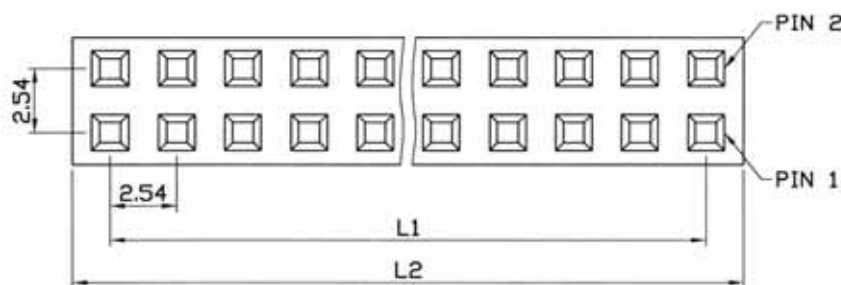
ORDERING INFORMATION:

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

- CONNECTOR TYPE:
"FP" SINGLE ROW STRAIGHT TYPE
"FR" SINGLE ROW RIGHT ANGLE TYPE
- NO. OF CONTACTS:
002 through 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 DUAL BEAM FOLDED CONTACTS 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

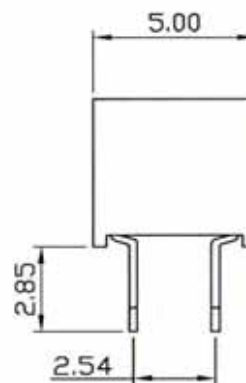
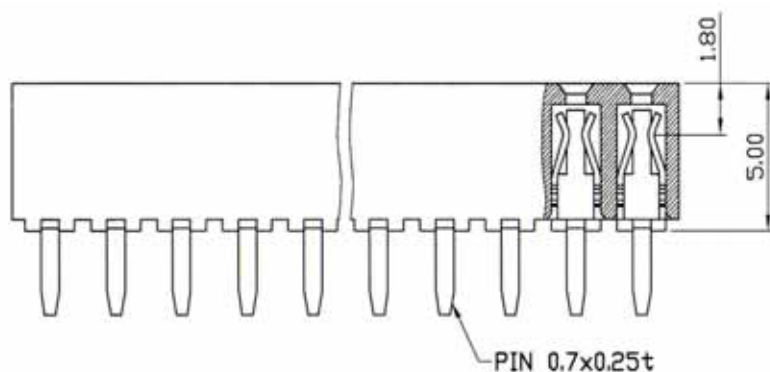
Insulation Material: Polyester, UL 94V-0

P.B.T or Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

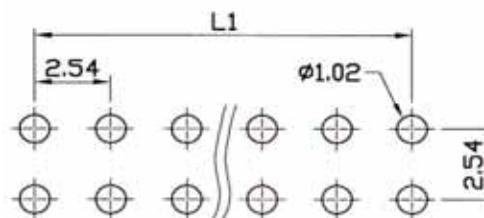
All materials must be RoHS compliant.



DIMENSIONS:

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

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



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. CONNECTOR TYPE:

"FQ" DOUBLE ROW STRAIGHT TYPE

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

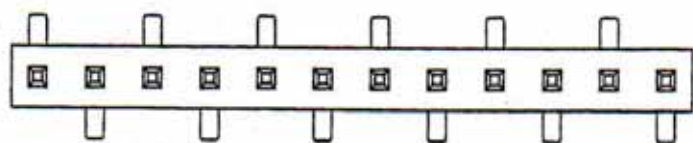
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

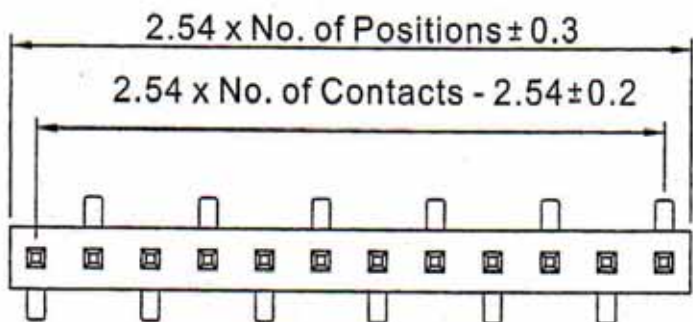
" " PBT

"6T" NYLON 6T

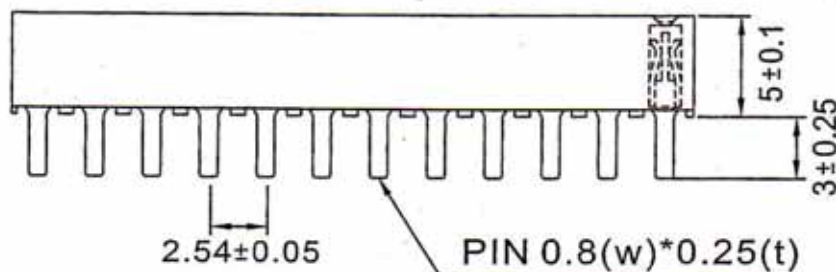
2.54MM(0.100") FEMALE HEADER BOTTOM ENTRY TYPE PROFILE=5.00MM



TYPE A



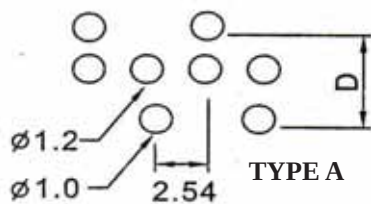
TYPE B



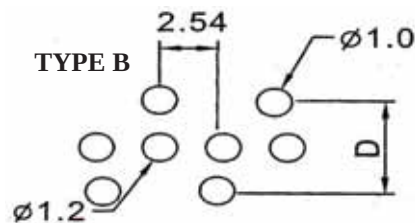
2.54 ± 0.1



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 $\frac{F \times \times}{1} - \frac{\times \times \times \times}{2 \ 3} B$

1. PCB LAYOUT TYPE:

"F35" TYPE A

"F36" TYPE B

2. NO. OF CONTACTS:

002 through 040

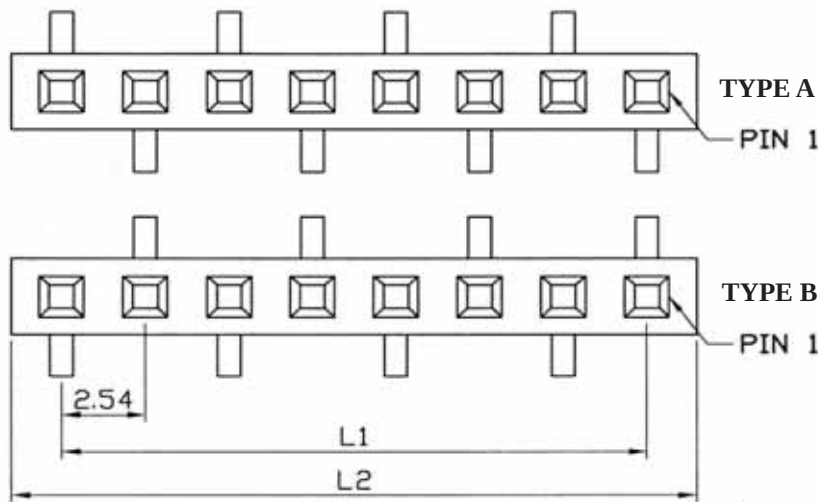
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

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

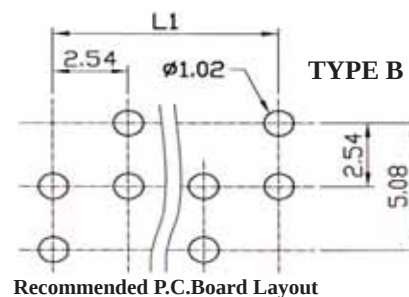
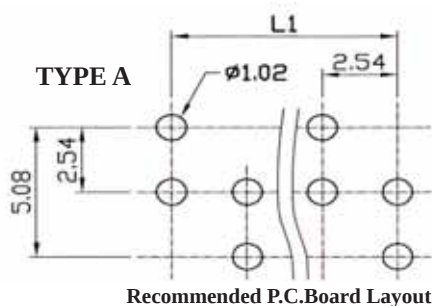
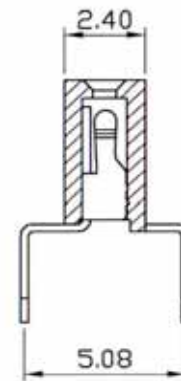
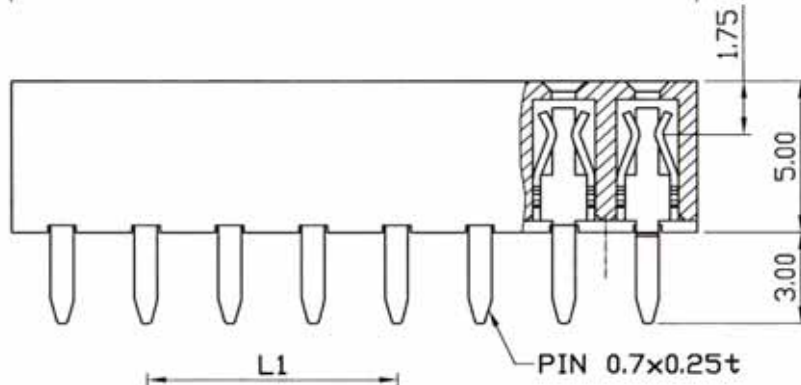


SPECIFICATIONS

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

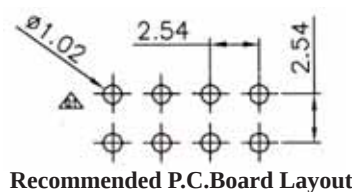
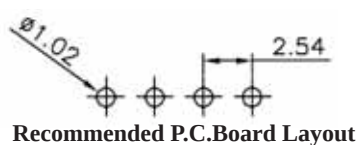
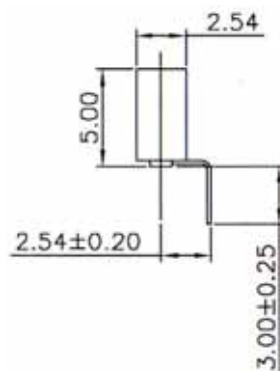
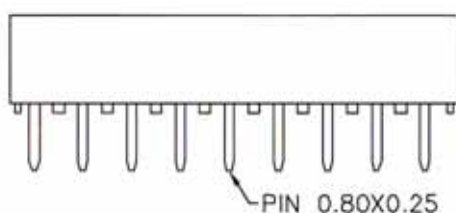
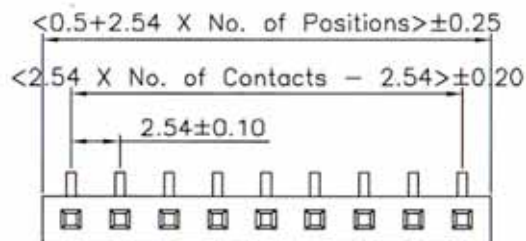
ORDERING INFORMATION:

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

1. CONNECTOR TYPE:
 "FM" DOUBLE SIDE TYPE A
 "FN" DOUBLE SIDE TYPE B
2. NO. OF CONTACTS:
 002 through 040
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED

NOTE: PACKED IN TUBE

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



SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000M Ω Min

Contact Resistance: 20m Ω 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 4 F L - $\frac{\text{xxx}}{1} \frac{\text{x}}{2}$ B

1. NO. OF CONTACTS:

002 through 040

2. CONTACT FINISH:

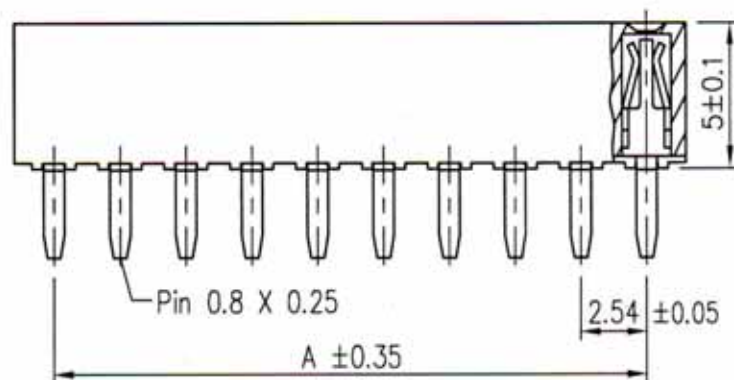
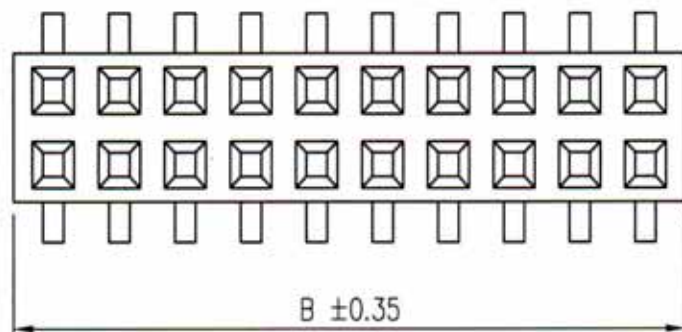
"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

NOTE: PACKED IN TUBE

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



DIMENSIONS:

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

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

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

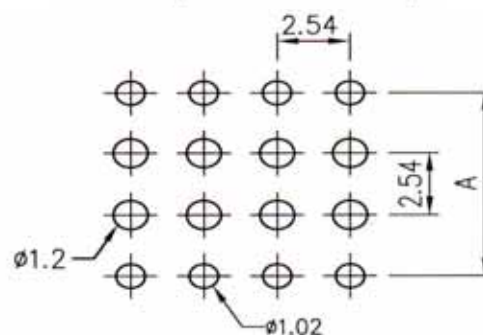
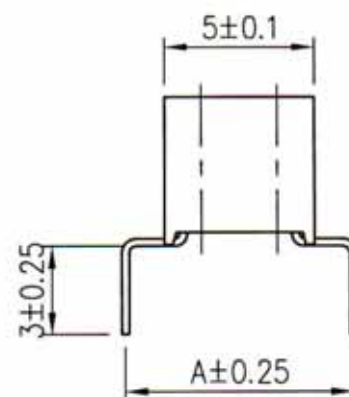
Contact Material: Phosphor Bronze

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 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B

1. PITCH OF DUAL ROW CONTACTS:

"TA" PITCH A A= 3.81MM

"TB" PITCH A A= 5.08MM

"TC" PITCH A A= 7.62MM

2. NO. OF CONTACTS:

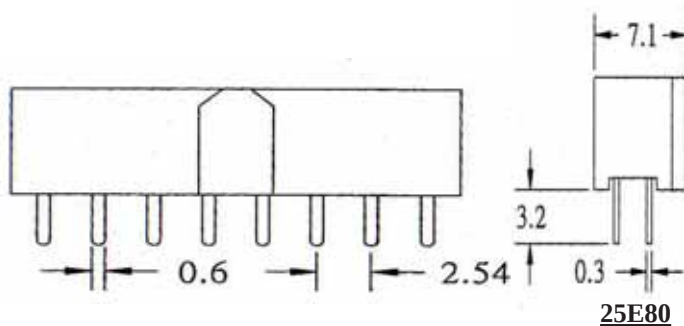
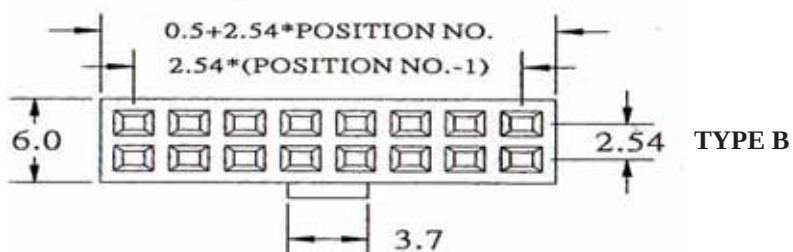
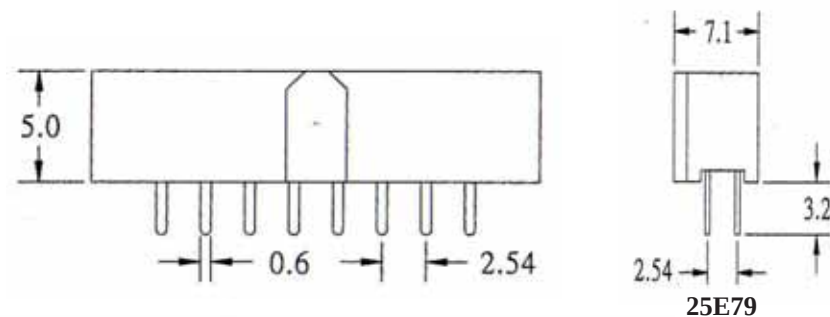
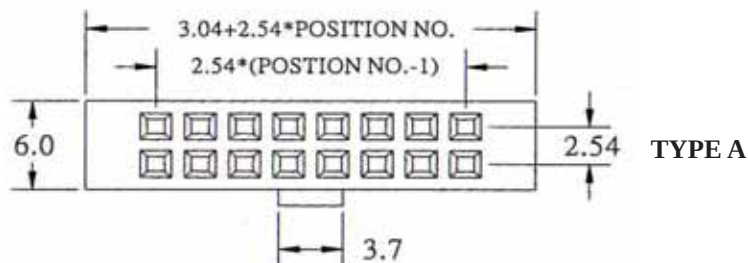
004 through 080

3. CONTACT FNISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

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

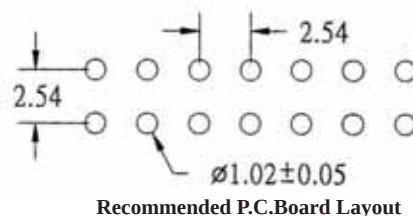


SPECIFICATIONS

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
 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 25 E x x - x x x x B / x x

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

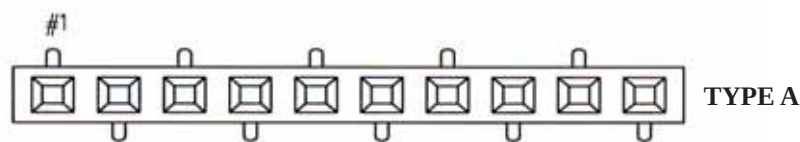
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

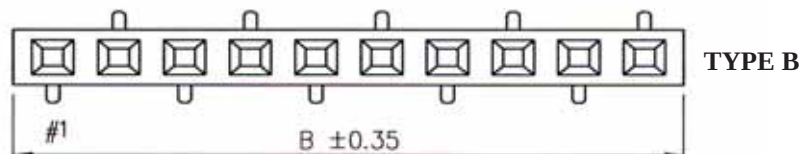
" " PBT

"6T" NYLON 6T

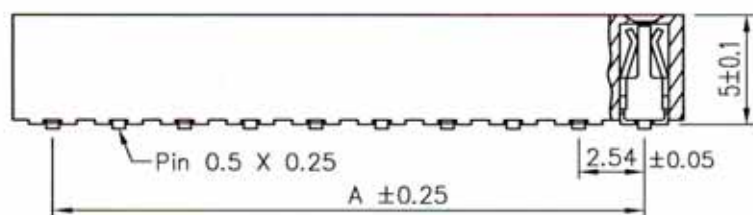
2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=5.00MM



TYPE A



TYPE B



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

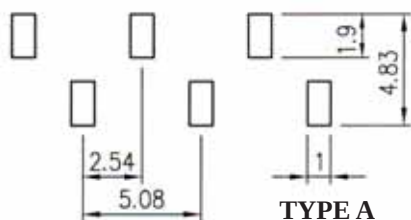
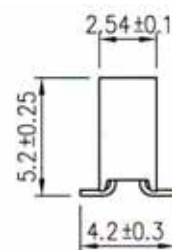
Insulation Material: Polyester, UL 94V-0

Nylon-6T

Contact Plating: Full Gold, Full Tin, Selective Plated

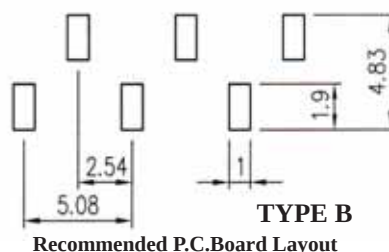
Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

TYPE A



Recommended P.C.Board Layout

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 $\frac{F \times X}{1} - \frac{X \times X \times X}{2} \frac{B}{3} - \frac{X}{4}$

1. PCB LAYOUT TYPE:

"F33" TYPE A

"F34" TYPE B

2. NO. OF CONTACTS:

002 through 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

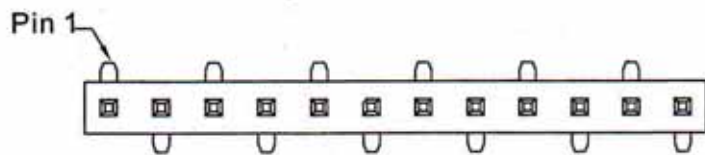
"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

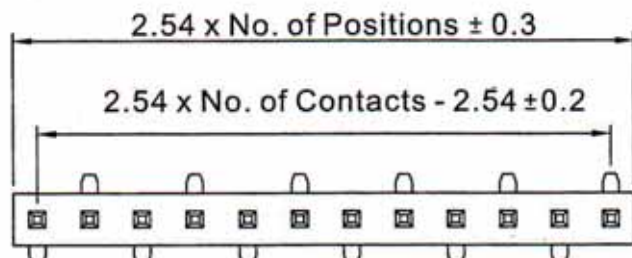
"G" WITH FILM IN TAPE & REEL

NOTE: PAD= Pick & Place Pad

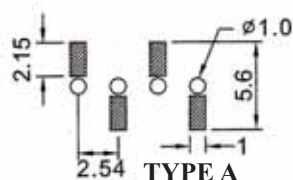
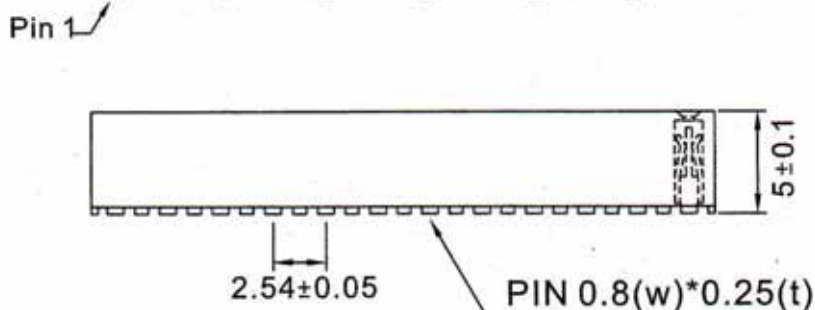
2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=5.00MM



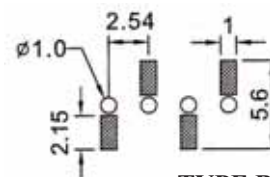
TYPE A



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 A X X - X X X X B - X

1. PCB LAYOUT TYPE:

"A09" TYPE A
"A10" TYPE B

2. NO. OF CONTACTS:

002 through 040

3. CONTACT FINISH:

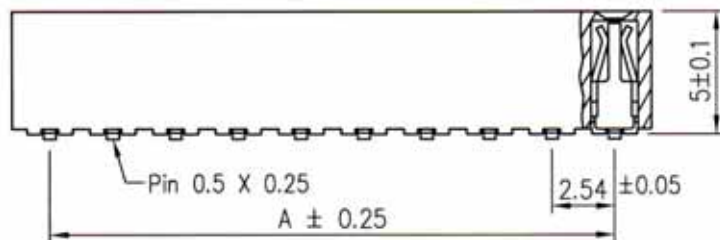
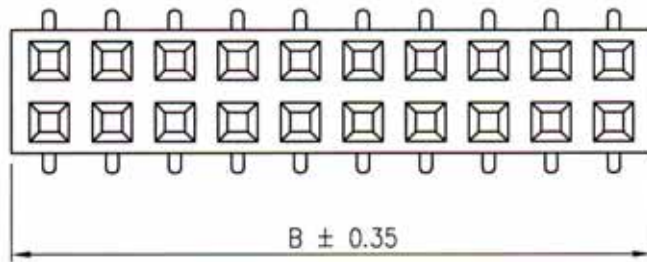
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

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



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

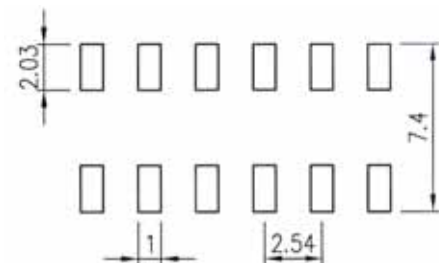
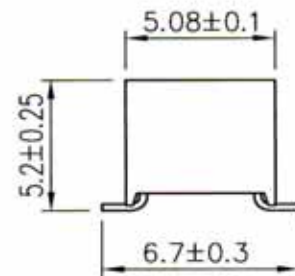
Contact Material: Phosphor Bronze

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:

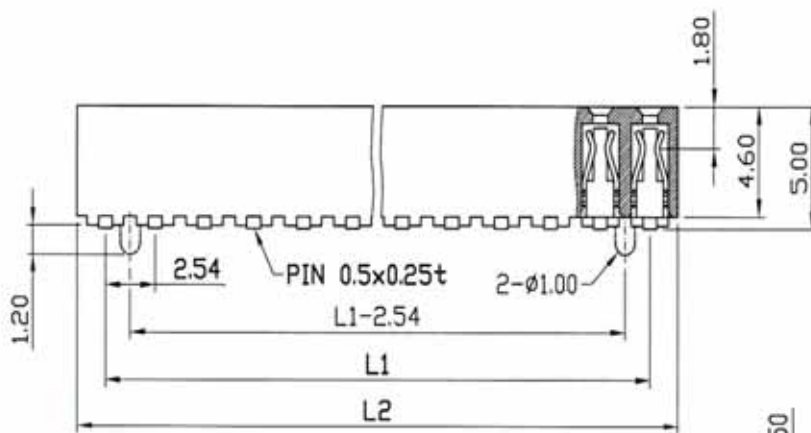
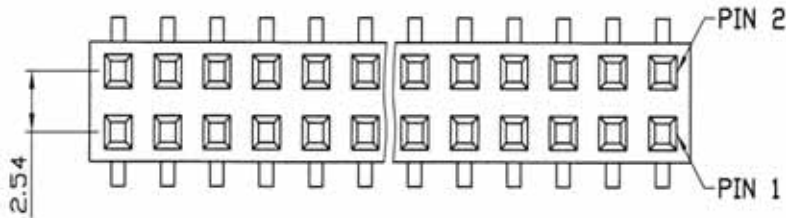
P/N 25 $\frac{F \times X}{1} - \frac{X \times X \times X}{2} \frac{X}{3} B - \frac{X}{4}$

1. LOCATING PEG OPTION:
"F19" WITHOUT LOCATING PEG
2. NO. OF CONTACTS:
004 through 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



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: 1000M Ω Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20m Ω Max.

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

MATERIALS

Contact Material: Phosphor Bronze

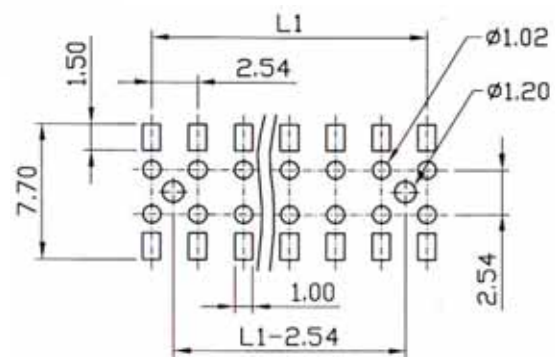
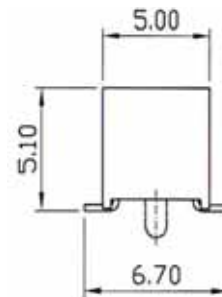
Insulation Material: Polyester, UL 94V-0

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:

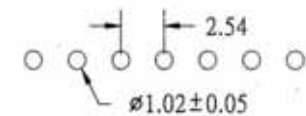
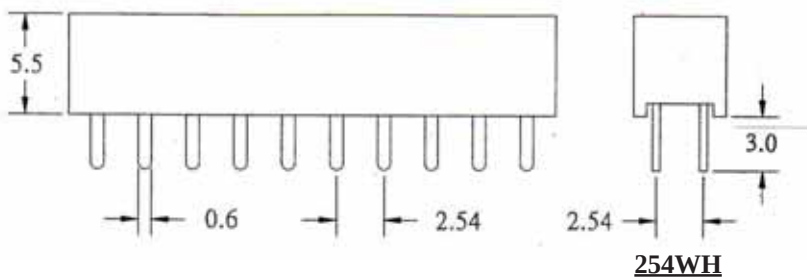
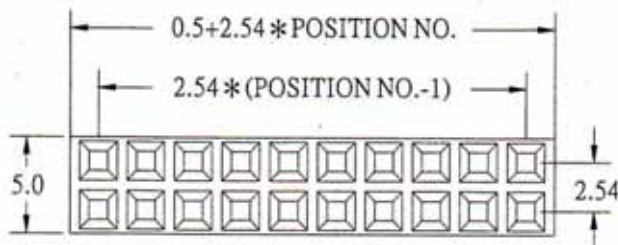
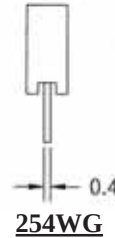
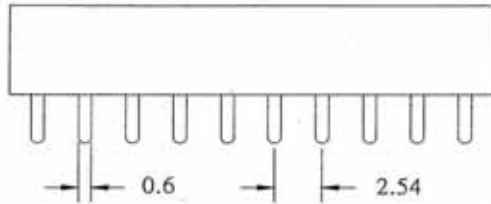
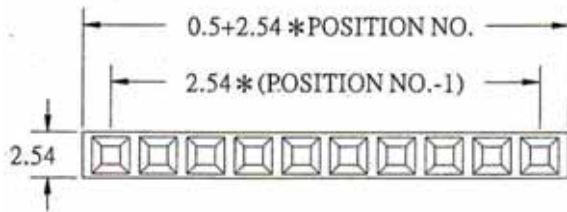
P/N 2 5 4 $\frac{x}{1}$ $\frac{x}{2}$ $\frac{x}{3}$ $\frac{x}{4}$ B - $\frac{x}{4}$

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

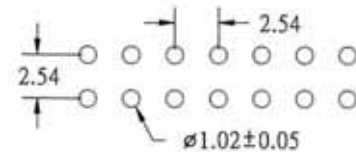
4. PAD, FILM & PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL
 "F" WITH FILM IN TUBE
 "G" WITH FILM IN TAPE & REEL

NOTE: PAD= Pick & Place Pad

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



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

P.B.T

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

1. NO. OF ROWS:

"WG" SINGLE ROW

"WH" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW

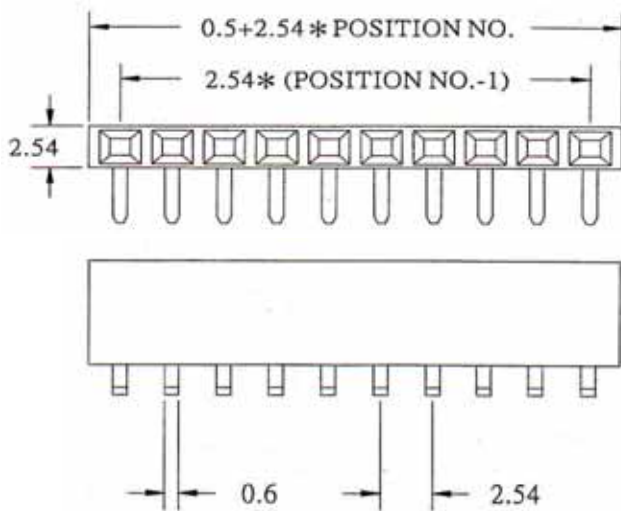
004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

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



254EV

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

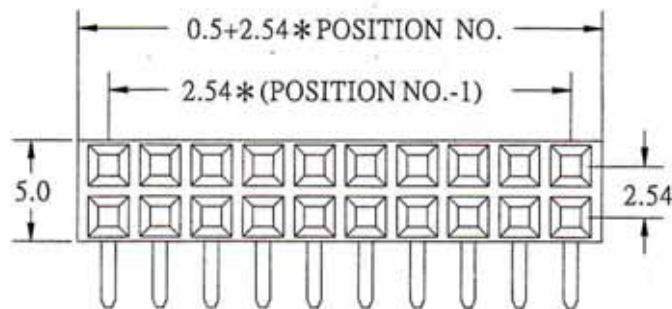
Contact Material: Phosphor Bronze

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

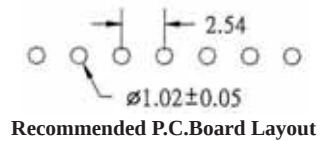
Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

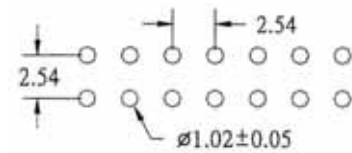
All materials must be RoHS compliant.



254EW



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. NO. OF ROWS:

"EV" SINGLE ROW

"EW" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW

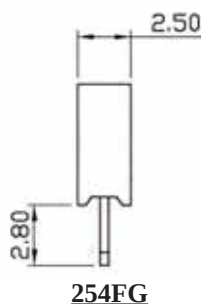
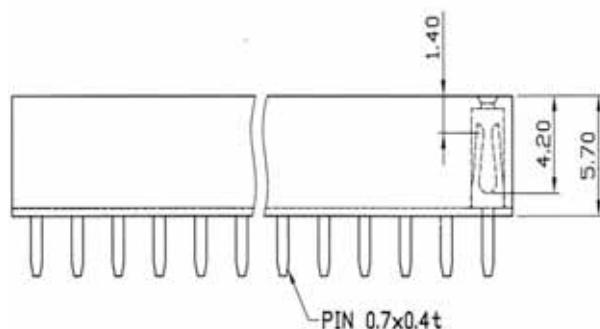
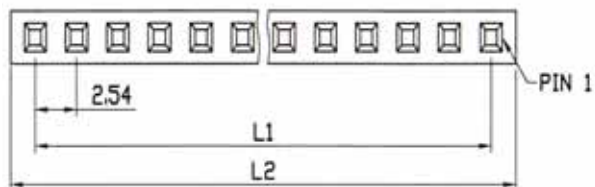
004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER SINGLE ROW DIP 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

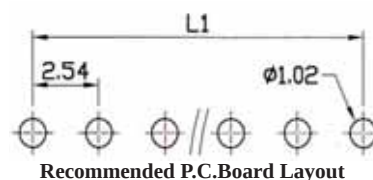
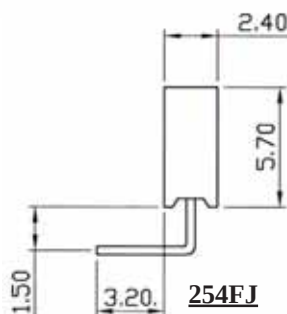
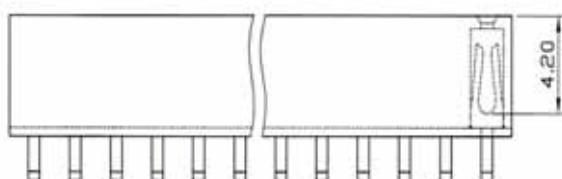
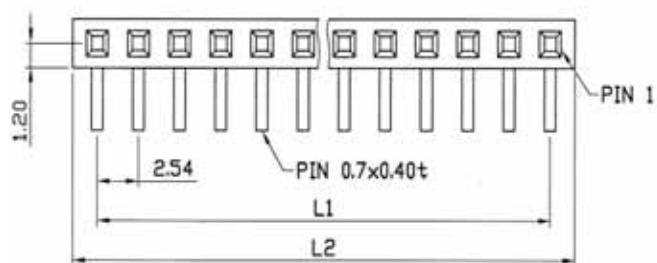
Insulation Material: Polyester, UL 94V-0

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

1. TERMINAL TYPE:

"FG" STRAIGHT TYPE

"FJ" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

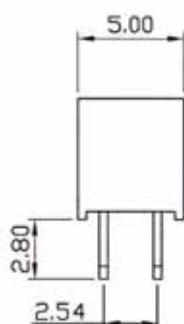
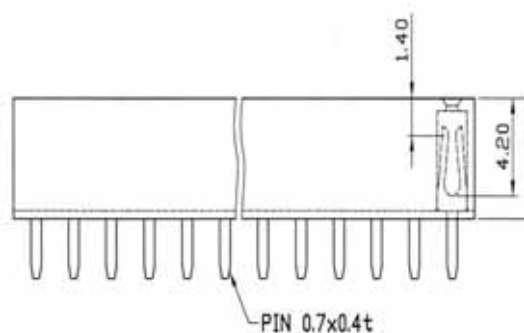
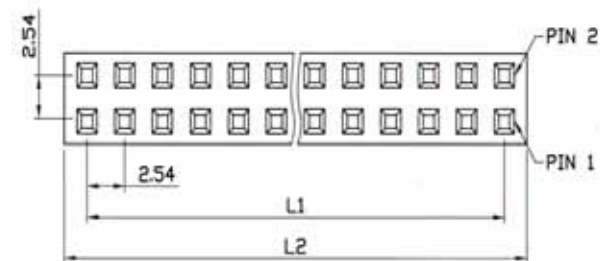
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

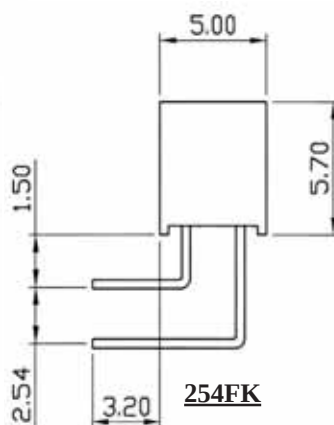
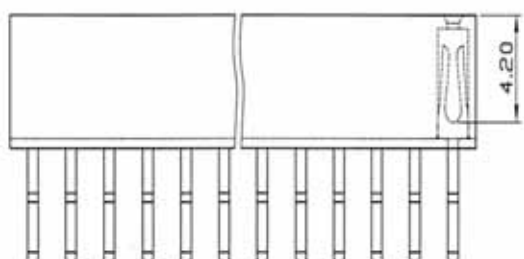
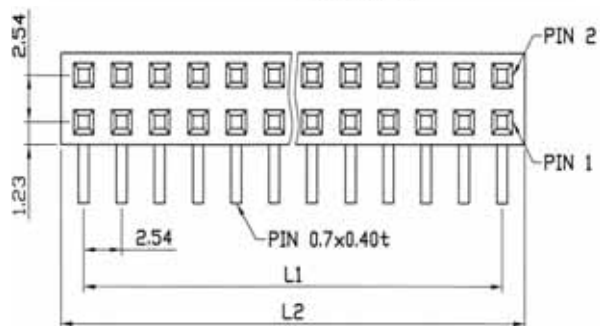
" " PBT

"6T" NYLON 6T

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



254FH



254FK

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

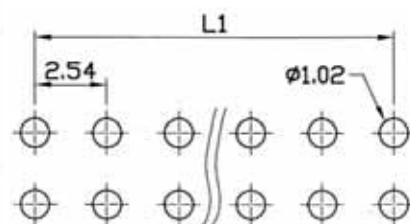
Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.

DIMENSIONS:

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

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



Recommended P.C.Board Layout

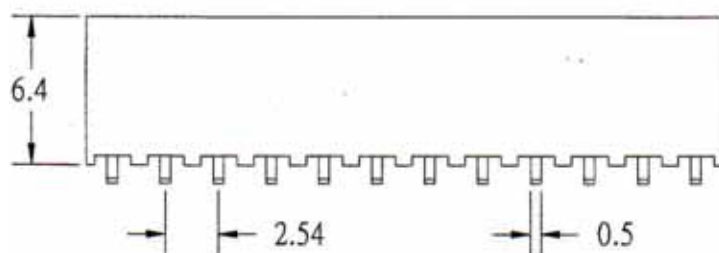
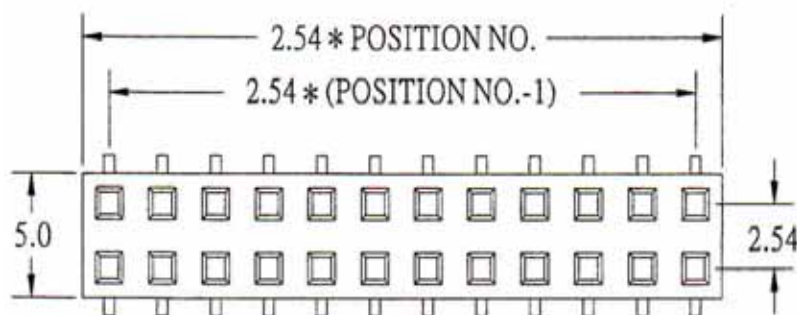
ORDERING INFORMATION:

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

1. TERMIANL TYPE:
"FH" STRAIGHT TYPE
"FK" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
004 through 080
3. CONTACT FINISH:
"G" FULL GOLD PALTED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

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

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



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

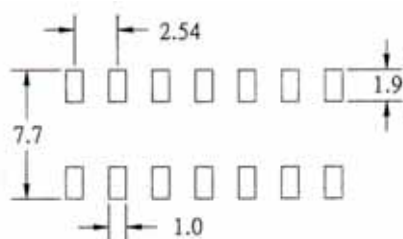
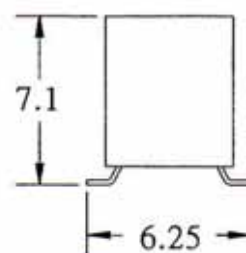
Insulation Material: Polyester, UL 94V-0

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 B x x - x x x x B - x
1 2 3 4

1. CONNECTOR TYPE:

"B06" W/O LOCATING PEG

2. NO. OF CONTACTS:

004 through 050

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

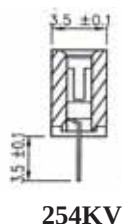
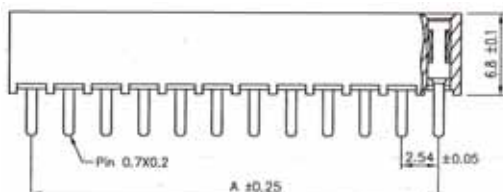
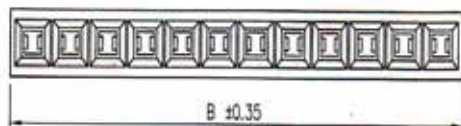
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

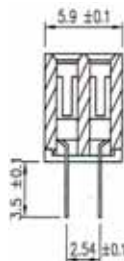
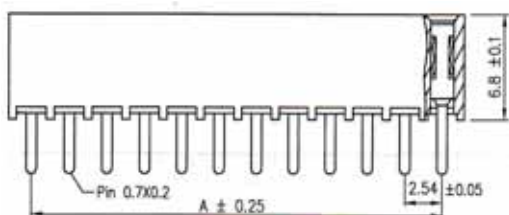
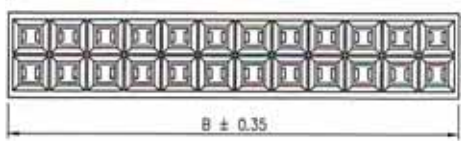
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD=Pick & Place Pad

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS PROFILE=6.8MM



254KV



254KW

SPECIFICATIONS

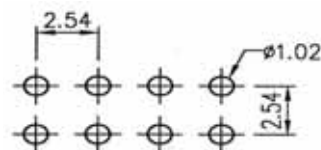
Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

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 $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4}$ B / $\frac{x}{4}$

1. CONNECTOR TYPE:

"KV" SINGLE ROW
 "KW" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW
 004 through 080 for DOUBLE ROW

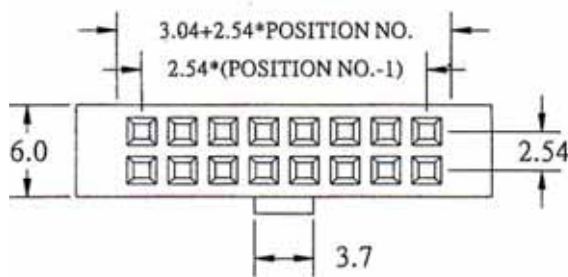
3. CONTACT FINISH:

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

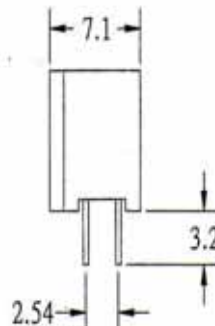
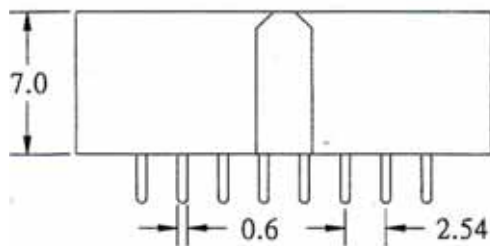
4. INSULATOR MATERIAL:

" " PBT
 "6T" NYLON 6T

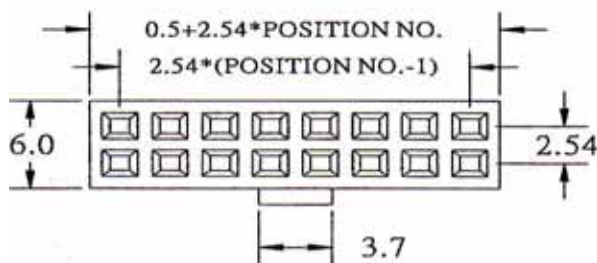
2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=7.00MM



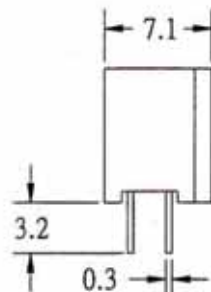
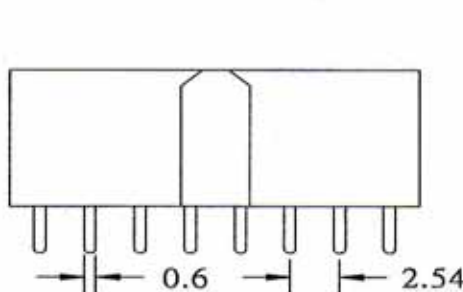
TYPE A



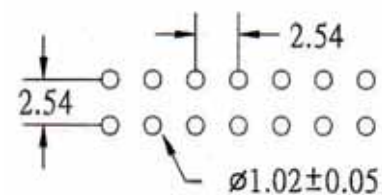
25E81



TYPE B



25E82



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 25 E xx - xx xx 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

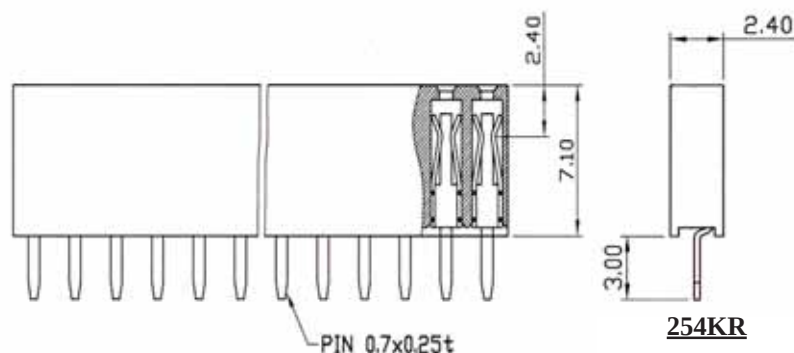
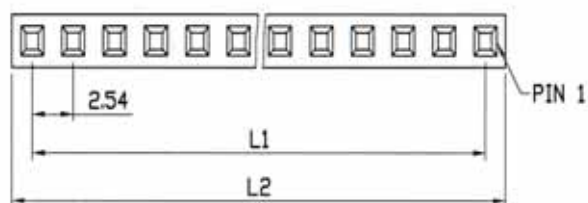
"T" FULL TIN PLATED

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

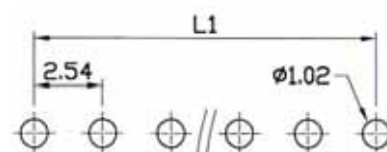
Insulation Material: Polyester, UL 94V-0

Nylon-6T

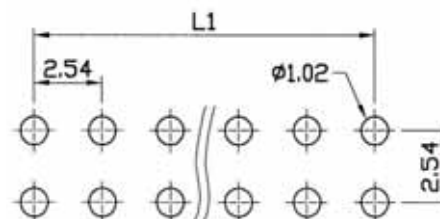
Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

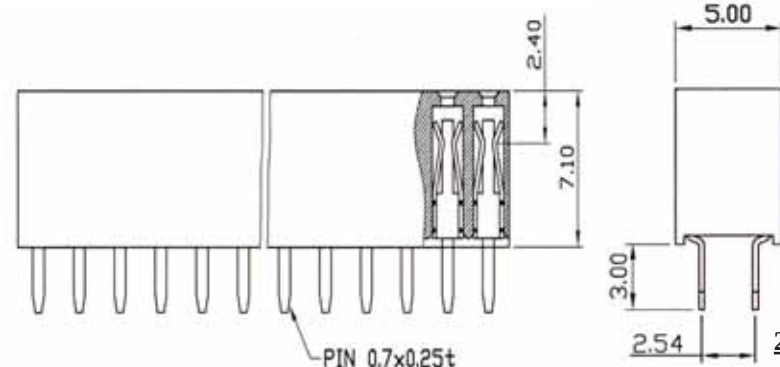
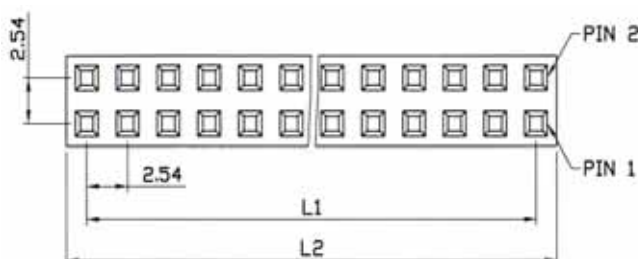
All materials must be RoHS compliant.



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

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW

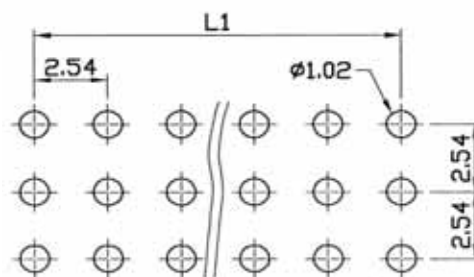
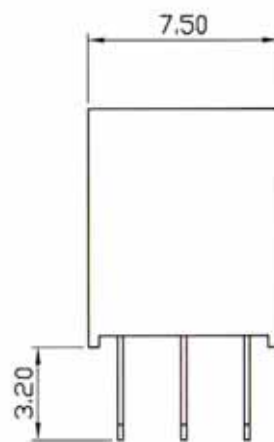
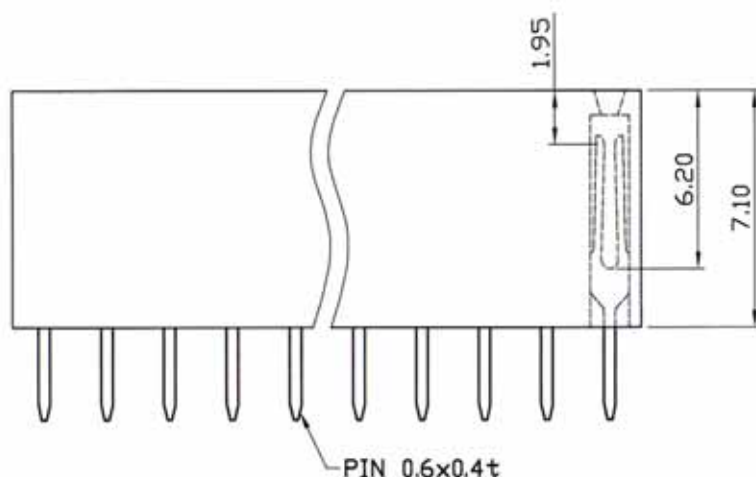
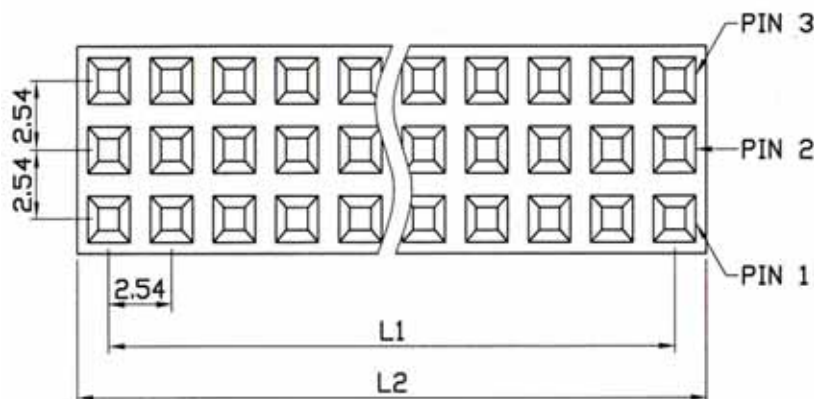
004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

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



Recommended P.C.Board Layout

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
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.

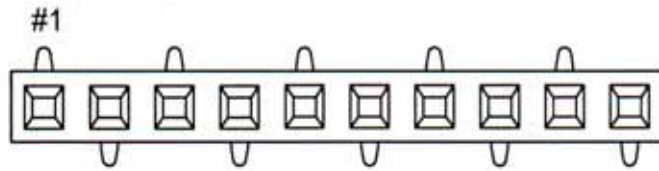
ORDERING INFORMATION:

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

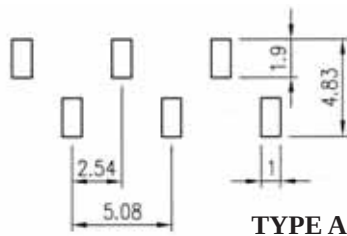
- CONNECTOR TYPE:
"F27" TRIPLE ROW STRAIGHT TYPE
- NO. OF CONTACTS:
009 through 096
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

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

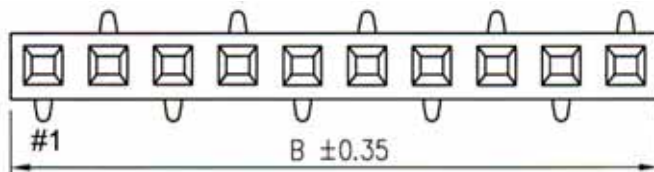
2.54MM(0.100") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=7.10MM



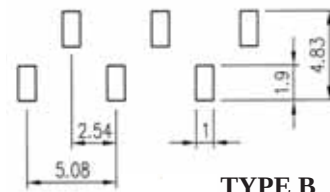
TYPE A



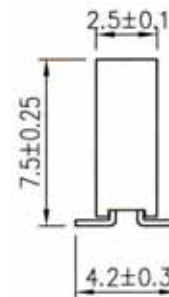
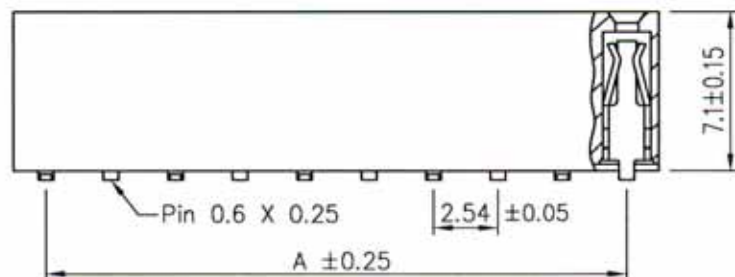
TYPE A



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 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. PCB LAYOUT TYPE:

"FW" TYPE A

"FX" TYPE B

2. NO. OF CONTACTS:

002 through 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

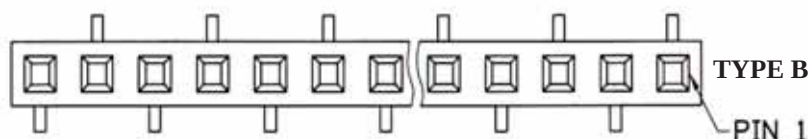
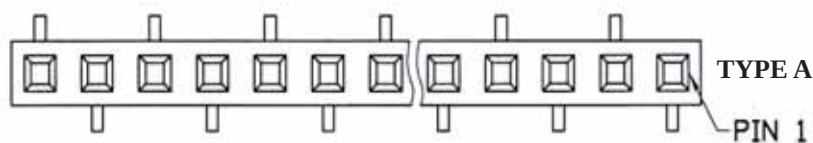
"Q" WITH PAD IN TAPE & REEL

"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

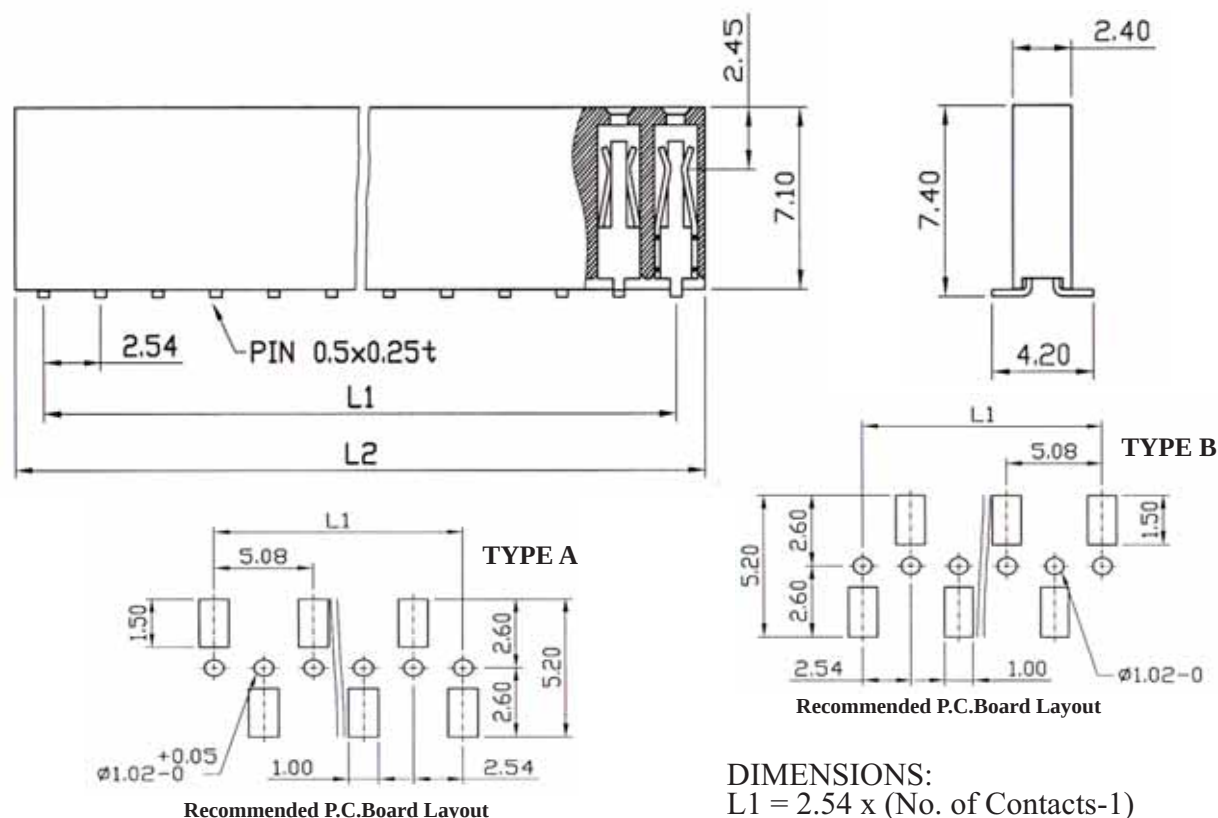


SPECIFICATIONS

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.



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 $\frac{A}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4} B - \frac{x}{4}$

1. PCB LAYOUT TYPE:

"A55" TYPE A
 "A56" TYPE B

2. NO. OF CONTACTS:

003 through 040

3. CONTACT FINISH:

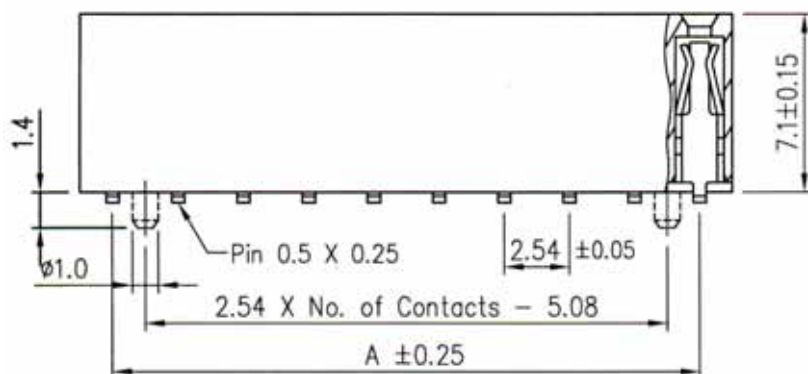
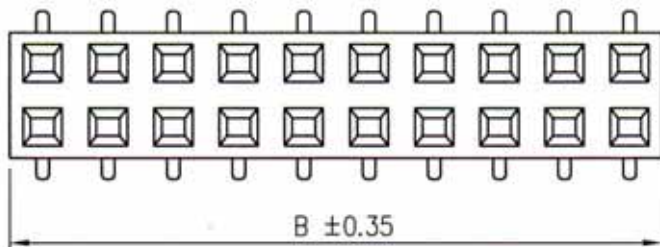
"G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

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



DIMENSIONS:

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

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

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

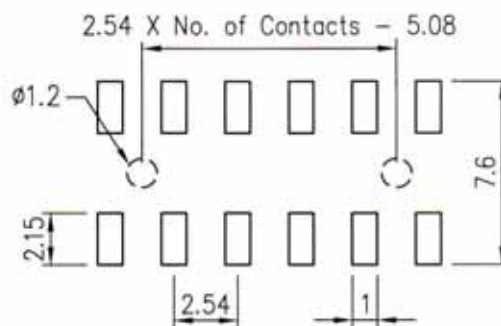
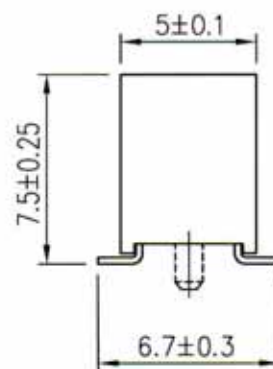
Contact Material: Phosphor Bronze

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 4 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:

"FZ" WITHOUT LOCATING PEG

"FY" WITH LOCATING PEG

2. NO. OF CONTACTS:

004 through 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=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

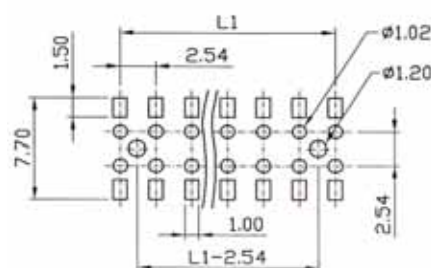
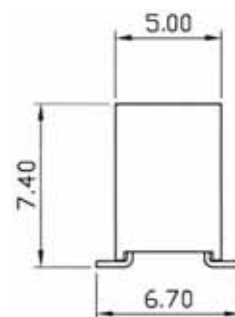
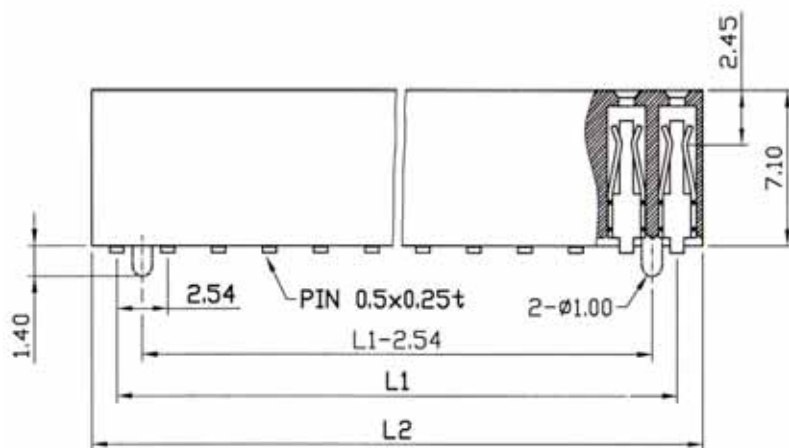
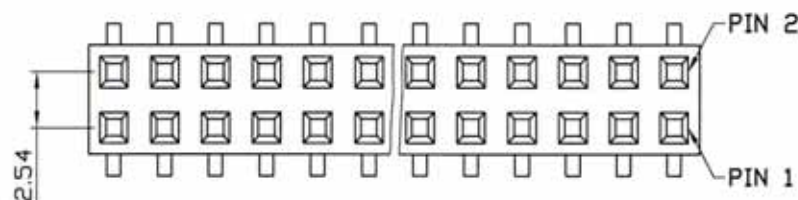
Contact Material: Phosphor Bronze

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:

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

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

ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:

"F17" WITHOUT LOCATING PEG

"F18" WITH LOCATING PEG

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

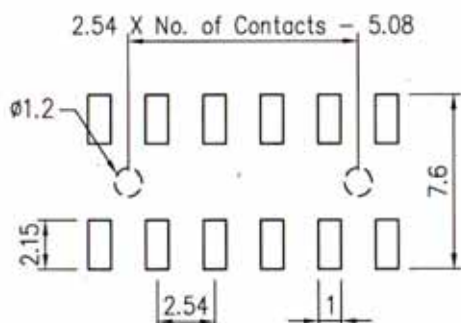
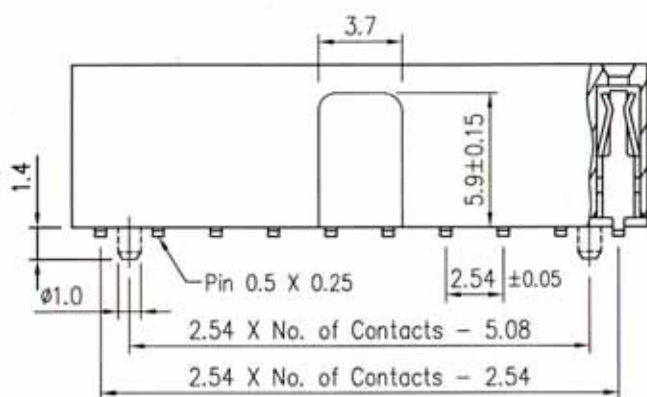
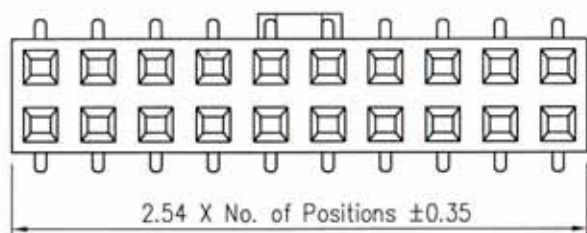
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= Pick & Place Pad

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



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

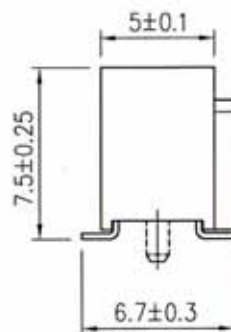
Operating Temperature: -40°C to + 105°C

MATERIALS

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

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 2 5 $\frac{x}{1} \frac{x}{2} \frac{x}{3} - \frac{x}{4} \frac{x}{5} \frac{x}{6} \frac{x}{7} \frac{x}{8} \frac{x}{9} \frac{x}{0} B - \frac{x}{4}$

1. BODY & LOADING PEG OPTION:

W/O POLARIZATION NOTCH:

"E87" W/O LOCATING PEG

"E88" WITH LOCATING PEG

WITH POLARIZATION NOTCH:

"A25" W/O LOCATING PEG

"A26" WITH LOCATING PEG

2. NO. OF CONTACTS:

006 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

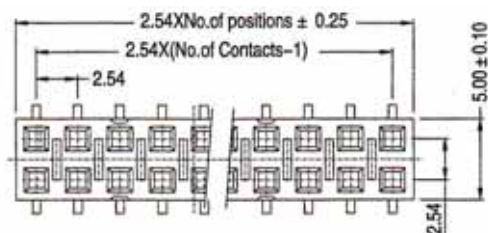
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOET: PAD = Pick & Place Pad

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



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 1000MΩ Min

Contact Resistance: 20mΩ Max.

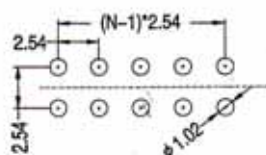
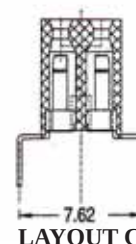
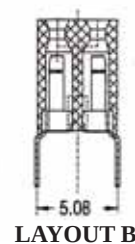
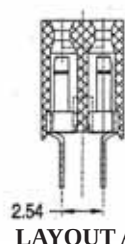
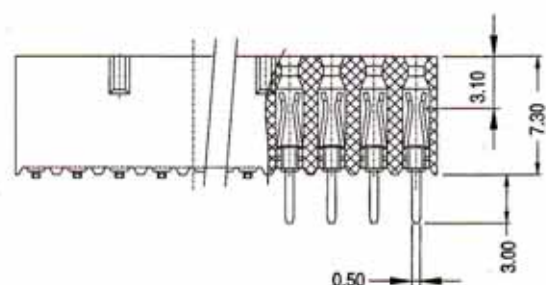
Operating Temperature: -40°C to + 105°C

MATERIALS

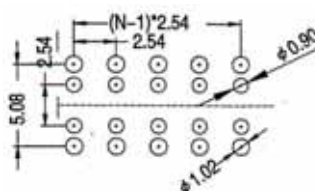
Insulation Material: LCP, UL94V-0

Contact Material: Phosphor Bronze

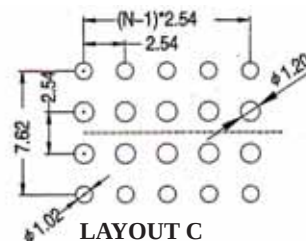
All materials must be RoHS compliant.



LAYOUT A
Recommended P.C.Board Layout



LAYOUT B
Recommended P.C.Board Layout



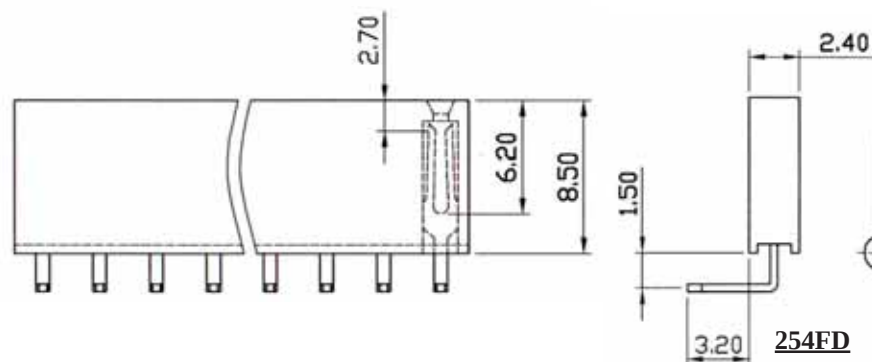
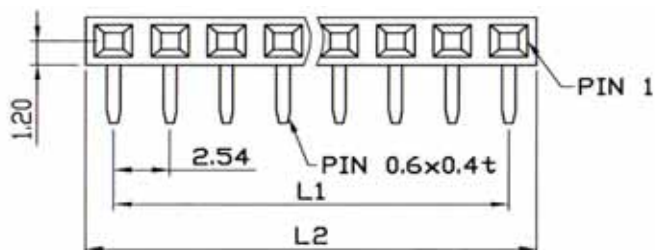
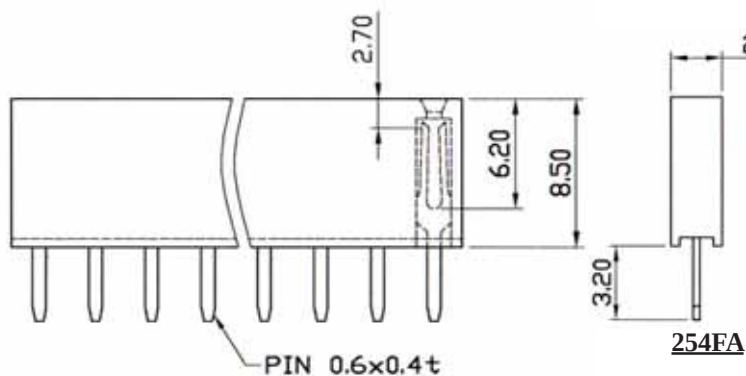
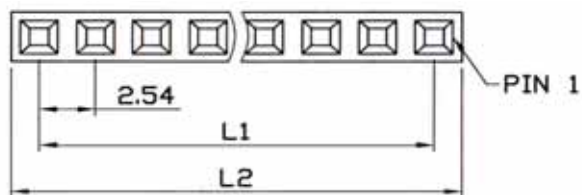
LAYOUT C
Recommended P.C.Board Layout

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 through 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

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



SPECIFICATIONS

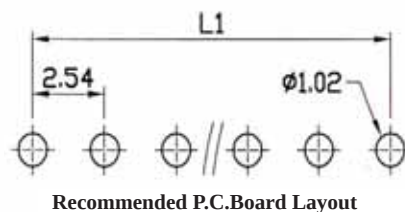
Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

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.

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

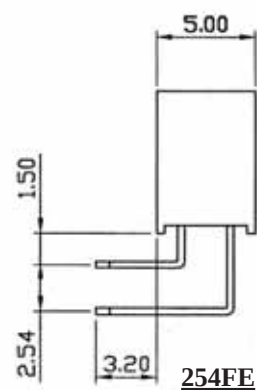
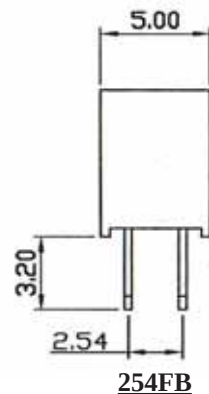
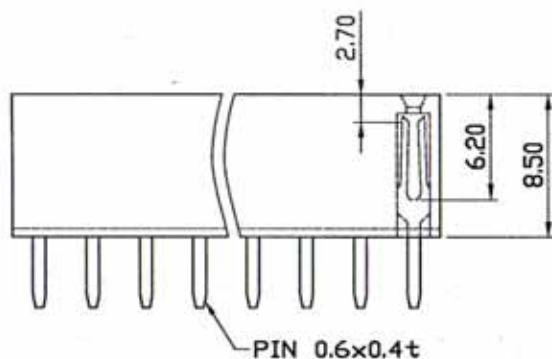
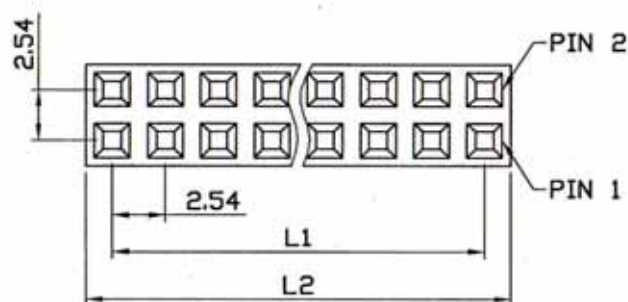
ORDERING INFORMATION:

P/N 2 5 4 $\frac{x}{1} \frac{x}{2} - \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{x}{6} B / \frac{x}{7} \frac{x}{8}$

1. TERMINAL TYPE:
"FA" SINGLE ROW STRAIGHT TYPE
"FD" SINGLE ROW RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 through 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

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

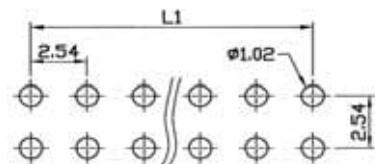
2.54MM(0.100") FEMALE HEADER DOUBLE ROW DIP TYPE PROFILE=8.50MM



DIMENSIONS:

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

L2 = 0.5 + 2.54 x 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 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / $\frac{xx}{4}$

1. TERMINAL TYPE:

"FB" STRAIGHT TYPE

"FE" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

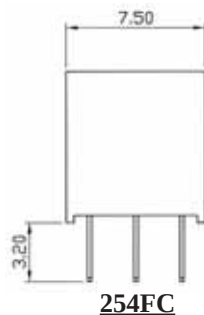
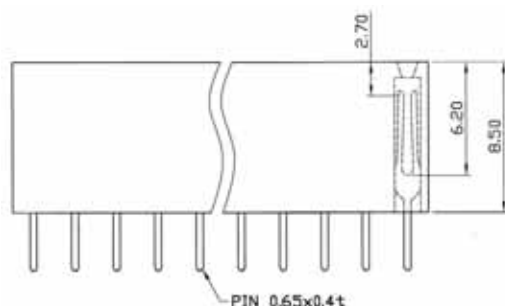
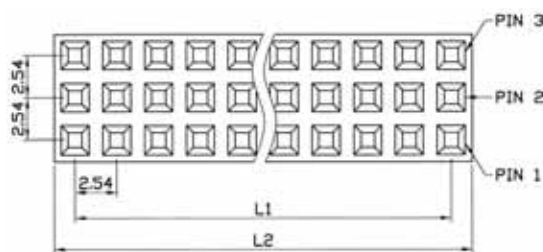
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

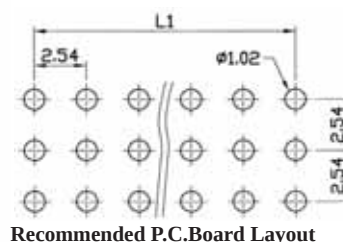
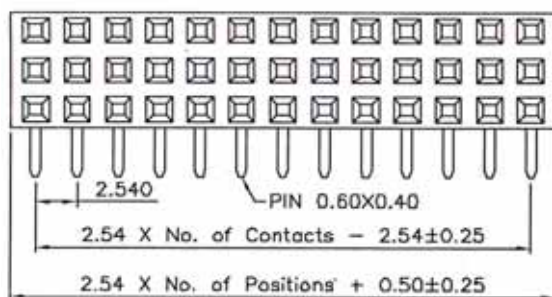
" " PBT

"6T" NYLON 6T

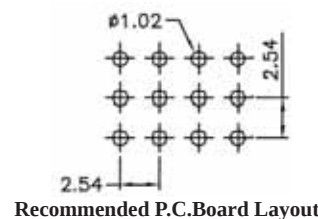
2.54MM(0.100") FEMALE HEADER TRIPLE ROW DIP TYPE PROFILE=8.50MM



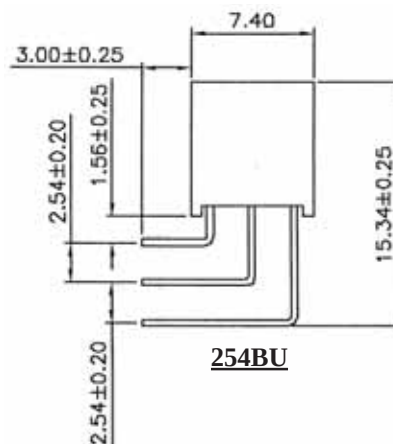
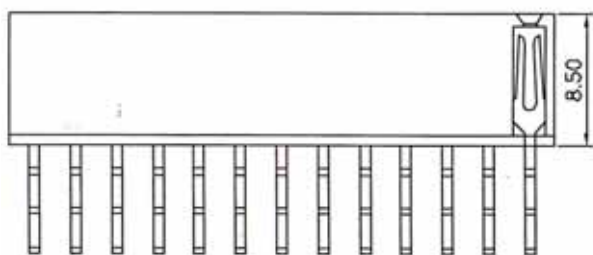
254FC



Recommended P.C.Board Layout



Recommended P.C.Board Layout



254BU

DIMENSIONS:

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

L2 = 0.5 + 2.54 x No. of Positions

ORDERING INFORMATION:

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

1. TERMINAL TYPE:

"FC" STRAIGHT TYPE

"BU" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

009 through 096

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

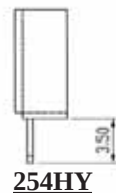
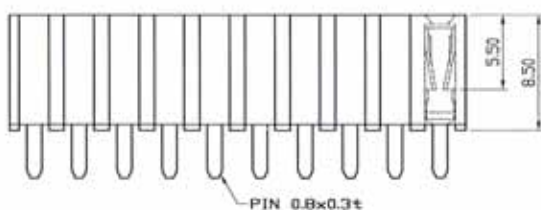
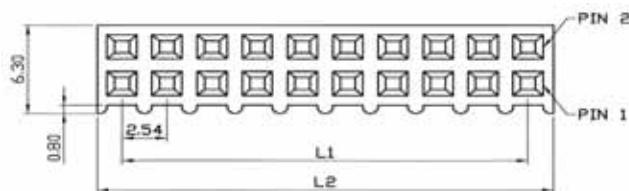
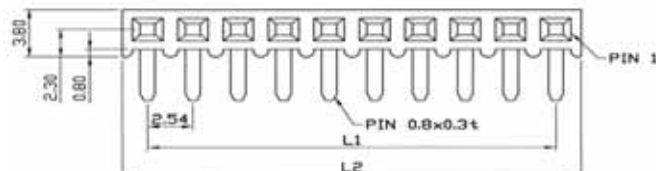
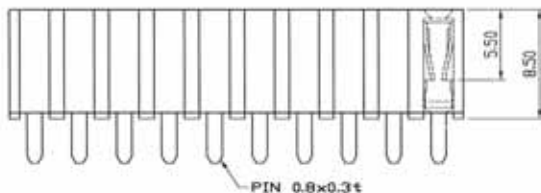
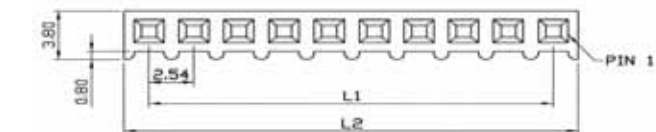
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

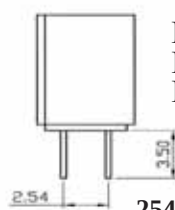
2.54MM(0.100") FEMALE HEADER MULTI-MATING TYPE PROFILE=8.50MM



254HY



254HZ



254KS

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

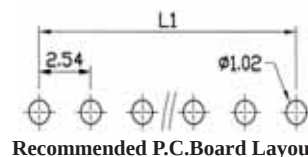
Insulation Material: Polyester, UL 94V-0

P.B.T

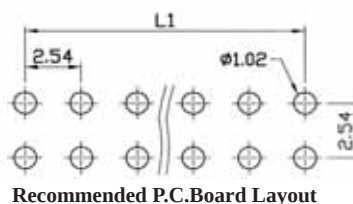
Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

DIMENSIONS:

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

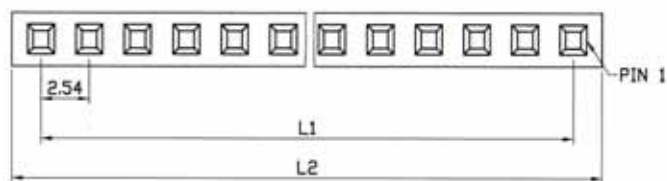
$L2 = 0.5 + 2.54 \times \text{No. of Positions/Row}$

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
"HZ" SINGLE ROW RIGHT ANGLE TYPE
"KS" DOUBLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:
002 through 040 for SINGLE ROW
004 through 080 for DOUBLE ROW
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

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

MATERIALS

Contact Material: Phosphor Bronze

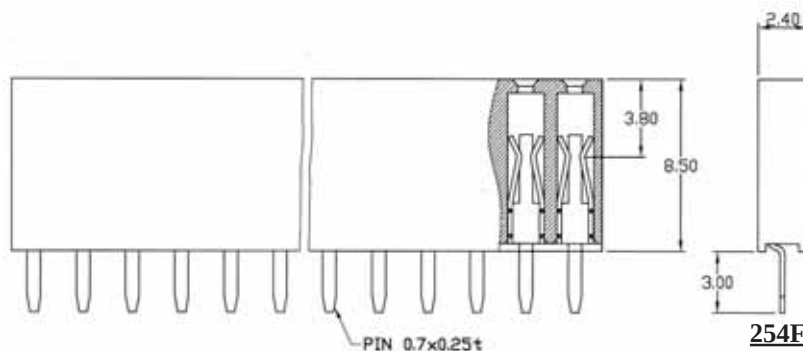
Insulation Material: Polyester, UL 94V-0

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.

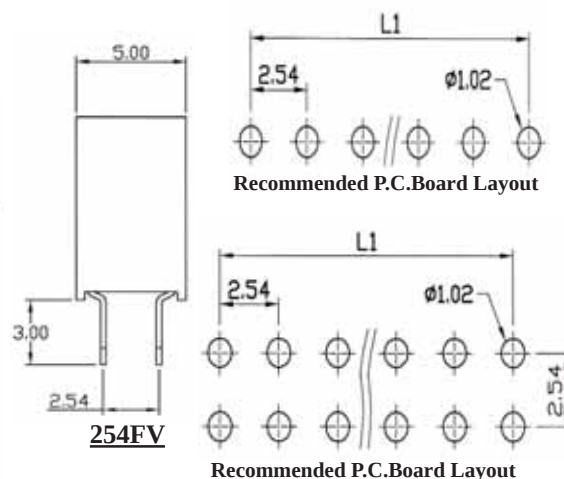
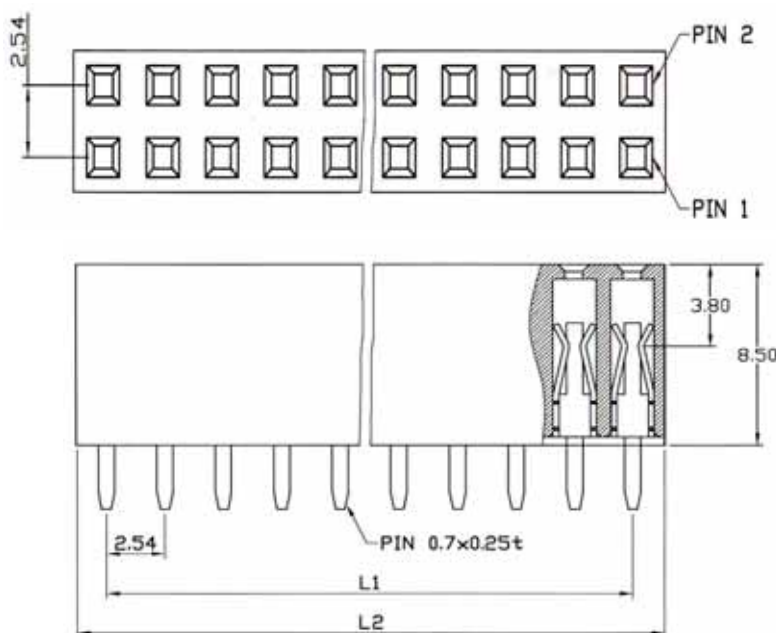


254FU

DIMENSIONS:

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

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



254FV

ORDERING INFORMATION:

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

1. NO. OF ROWS:

"FU" SINGLE ROW

"FV" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW

004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

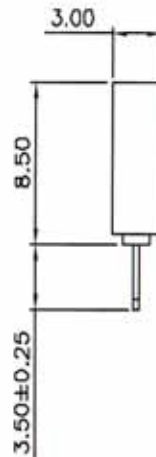
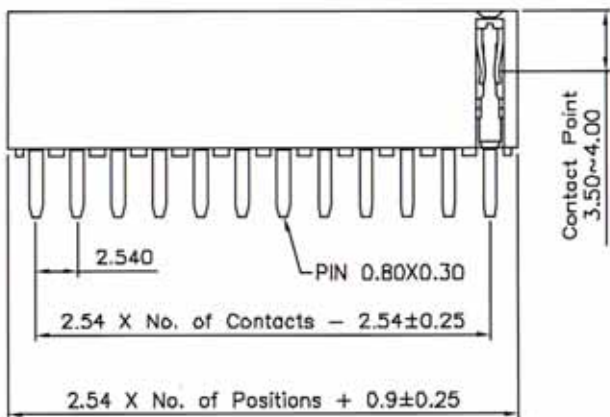
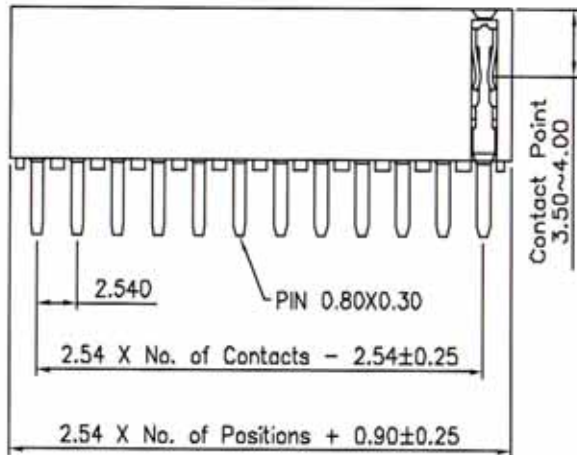
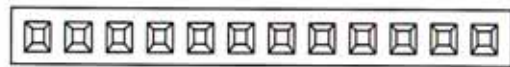
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER 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

MATERIALS

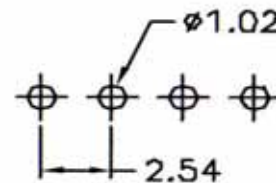
Contact Material: Phosphor Bronze

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

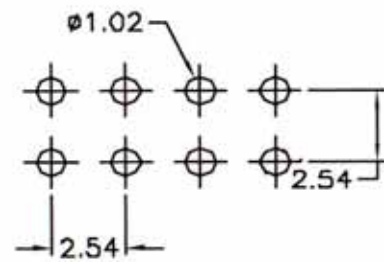
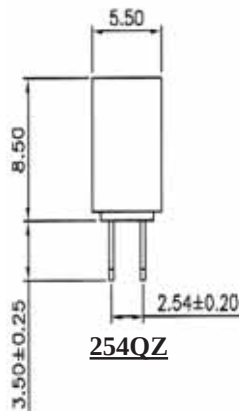
Contact Plating: Full Gold, Full Tin, Selective Plated

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 $\frac{xx}{1}$ - $\frac{xx}{2}$ $\frac{xx}{3}$ B / $\frac{xx}{4}$

1. NO. OF ROWS:

"QY" SINGLE ROW

"QZ" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 040 FOR SINGLE ROW

004 through 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

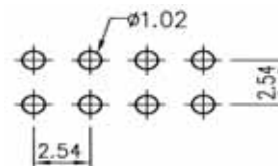
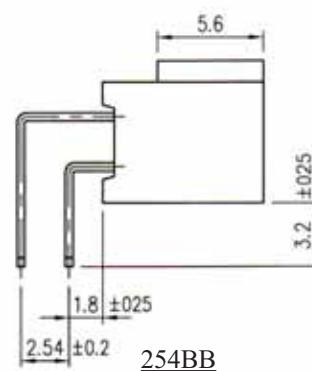
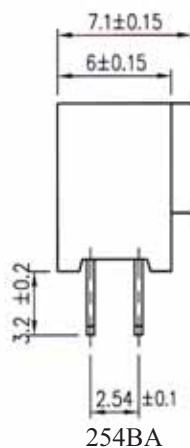
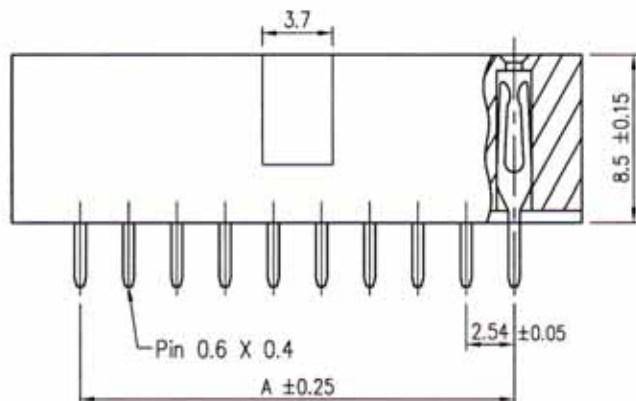
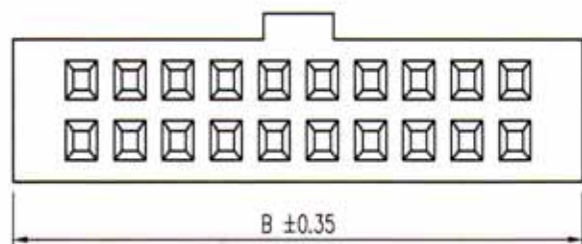
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP 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 or Nylon-6T

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 Contacts-1)

B = 5.0 + 2.54 x No. of Positions / Row

ORDERING INFORMATION:

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

1. TERMINAL TYPE:

"BA" STRAIGHT TYPE

"BB" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

006, 008, 010, 014, 016, 020,

024, 026, 030, 034, 040, 044,

048, 050, 060, 064

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

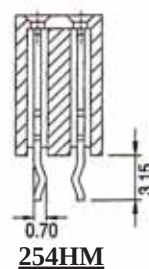
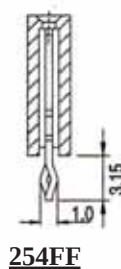
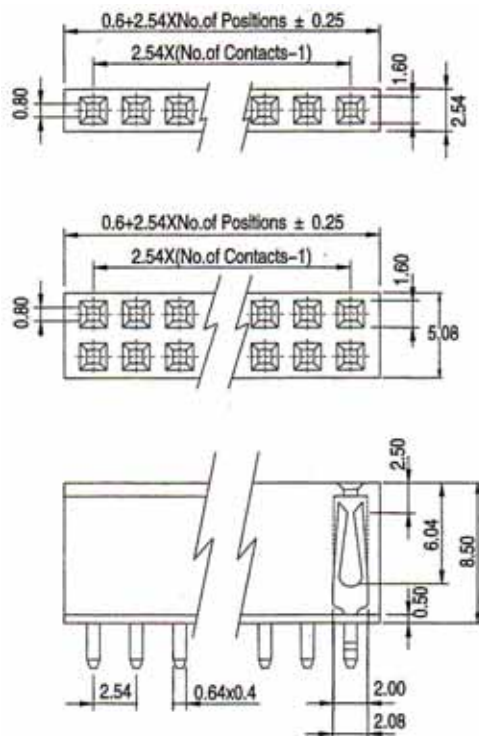
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

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.

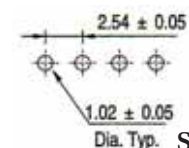
Operating Temperature: -40°C to + 105°C

MATERIALS

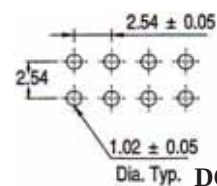
Insulation Material: Nylon-6T, UL 94V-0

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 $\frac{xx}{1}$ - $\frac{xxxx}{2}$ $\frac{x}{3}$ B

1. CONNECTOR TYPE:

"FF" SINGLE ROW

"HM" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW

004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER HEIGHT= 11.05 TO 18.67MM

SINGLE	DOUBLE	TRIPLE	DIM. A	DIM.B
254GA	254GB	254GC	11.05	2.30
254GD	254GE	254GF	11.05	7.35
254GG	254GH	254GJ	11.05	12.20
254GK	254GL	254GM	13.59	4.85
254GN	254GP	254GQ	13.59	9.65
254GR	254GS	254GT	16.13	2.30
254GU	254GV	254GW	16.13	7.10
254GX	254GY	254GZ	18.67	4.60

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

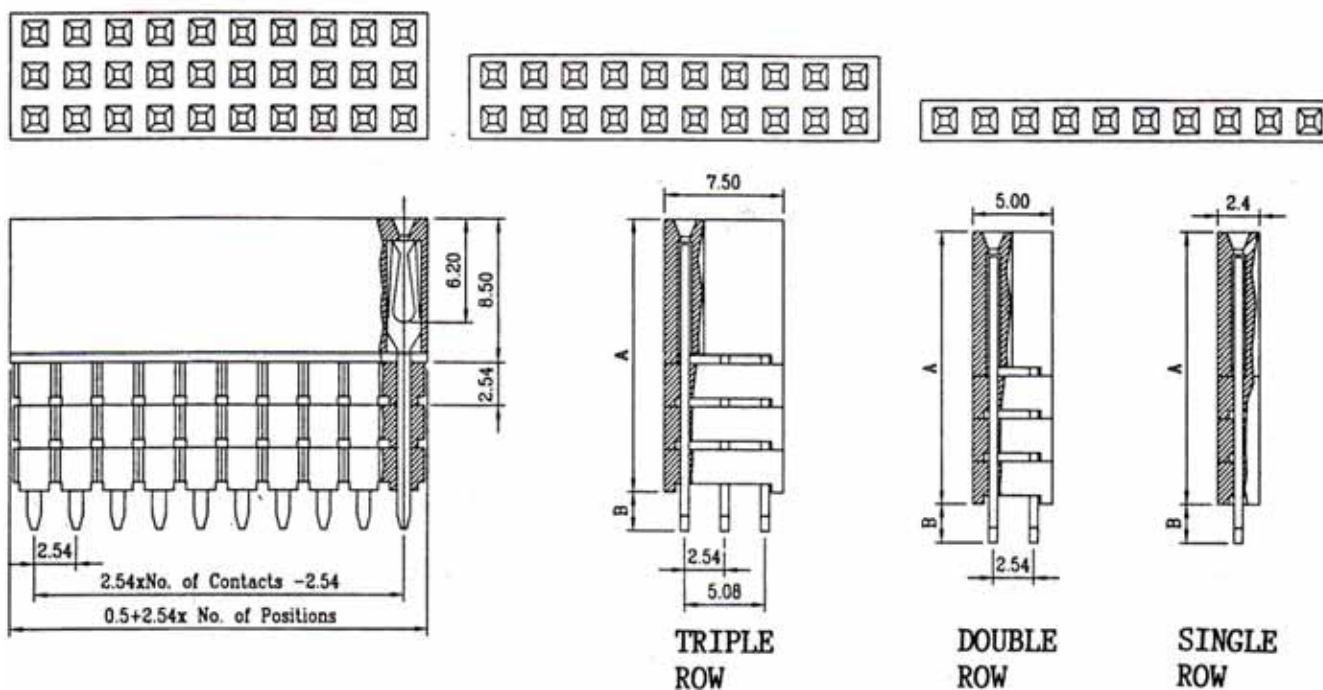
Insulation Material: Polyester, UL 94V-0

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.



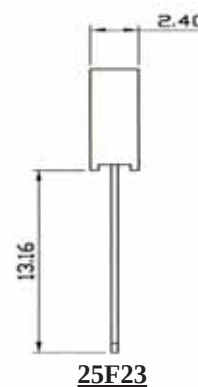
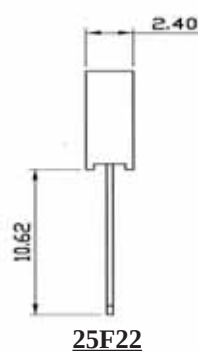
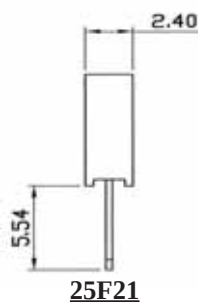
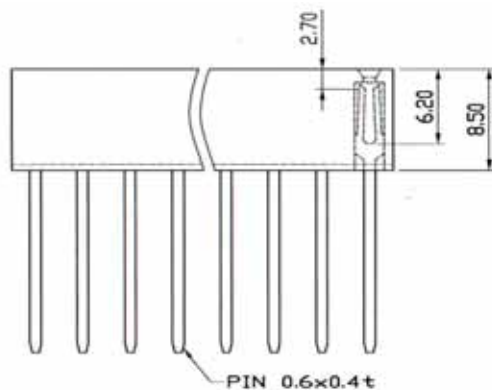
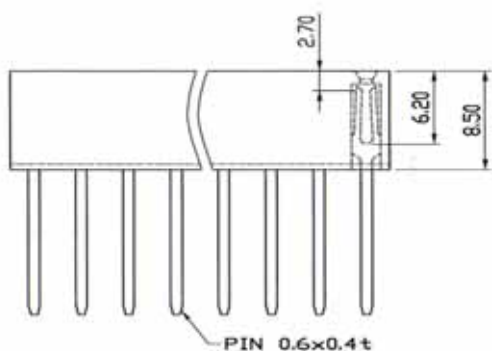
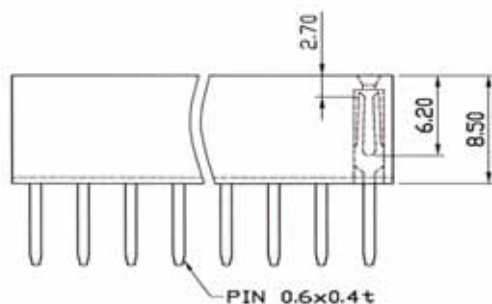
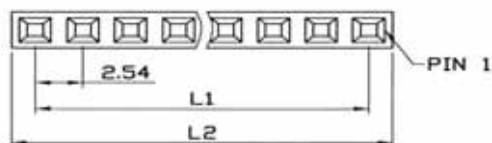
ORDERING INFORMATION:

P/N 254 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B / $\frac{XX}{4}$

1. NO. OF ROWS & DIMENSIONS:
GA, GB, GC, GD, GE, GF, GG, GH,
GJ, GK, GL, GM, GN, GP, GQ, GR,
GS, GT, GU, GV, GW, GX, GY, GZ
2. NO. OF CONTACTS:
003 through 040 for SINGLE ROW
006 through 080 for DOUBLE ROW
009 through 120 for TRIPLE 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 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

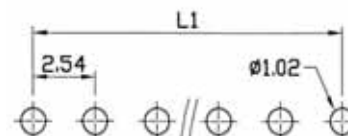
Insulation Material: Polyester, UL 94V-0

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

1. PIN LENGTH:

"F21" L= 5.54MM

"F22" L= 10.62MM

"F23" L= 13.16MM

2. NO. OF CONTACTS:

002 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

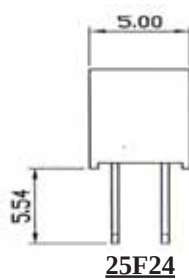
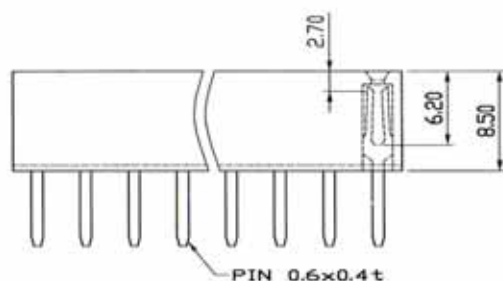
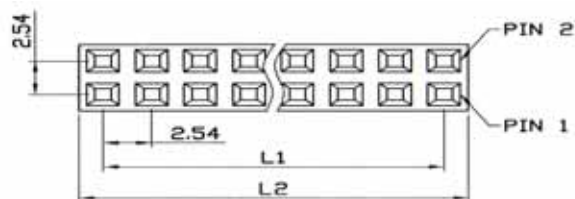
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

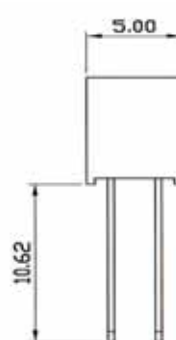
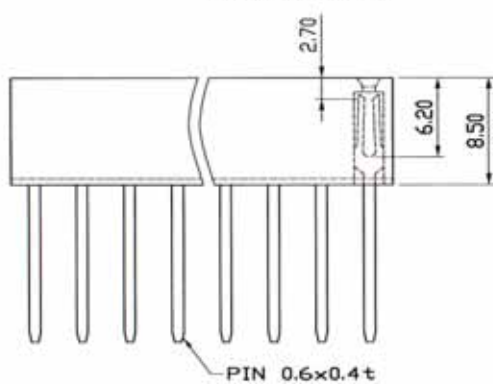
" " PBT

"6T" NYLON 6T

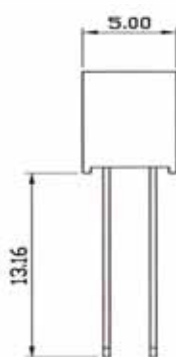
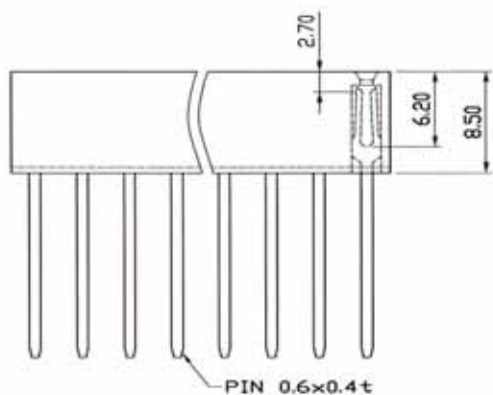
2.54MM(0.100") FEMALE HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=8.50MM



25F24



25F25



25F26

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

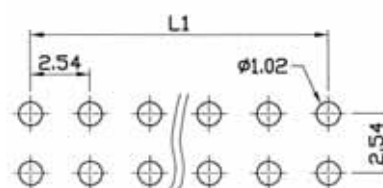
Insulation Material: Polyester, UL 94V-0

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 x (No. of Contacts-1)

L2 = 0.5 + 2.54 x No. of Positions

ORDERING INFORMATION:

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

1. PIN LENGTH:

"F24" L= 5.54MM

"F25" L= 10.62MM

"F26" L= 13.16MM

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

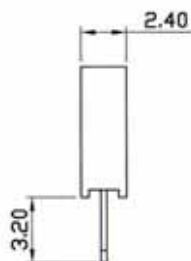
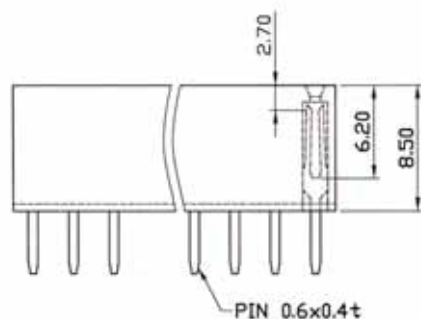
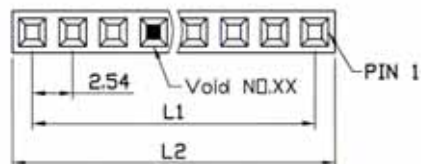
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

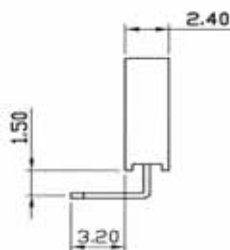
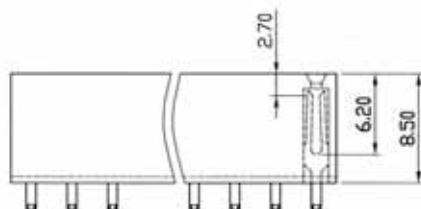
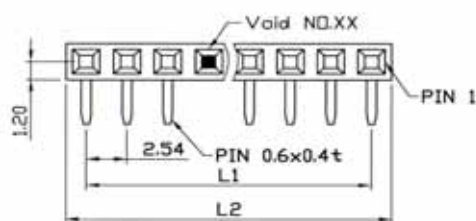
" " PBT

"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

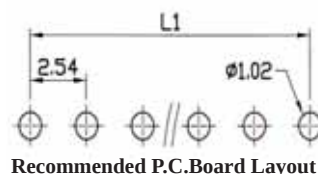
Insulation Material: Polyester, UL 94V-0

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 x (No. of Contacts-1)

L2 = 0.5 + 2.54 x No. of Positions

ORDERING INFORMATION:

P/N 25 F XX - 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 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. VOID PIN POSITION:

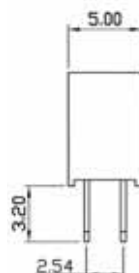
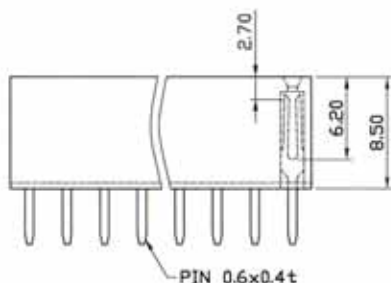
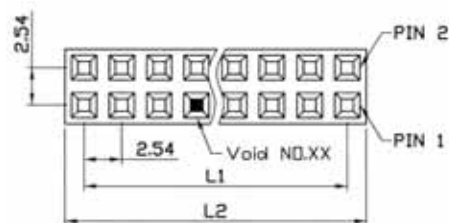
02 through 40

5. INSULATOR MATERIAL:

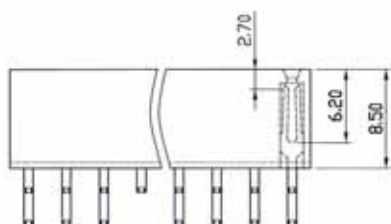
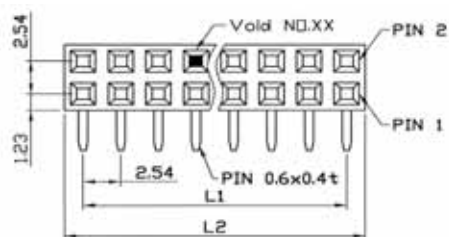
" " PBT

"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

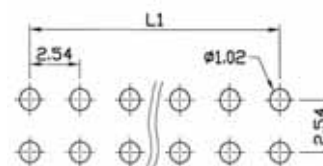
Insulation Material: Polyester, UL 94V-0

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 - xxxxB / xx - xx₅

1. TERMINAL TYPE:

"F15" STRAIGHT TYPE

"F16" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

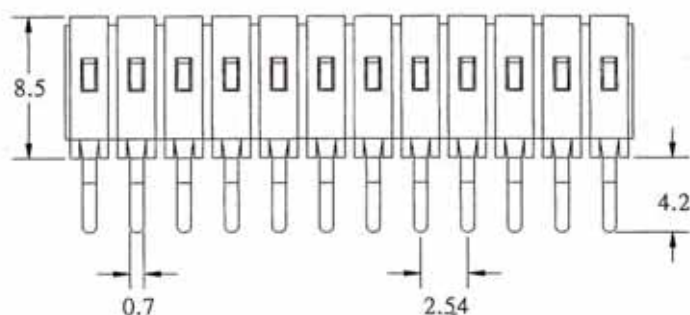
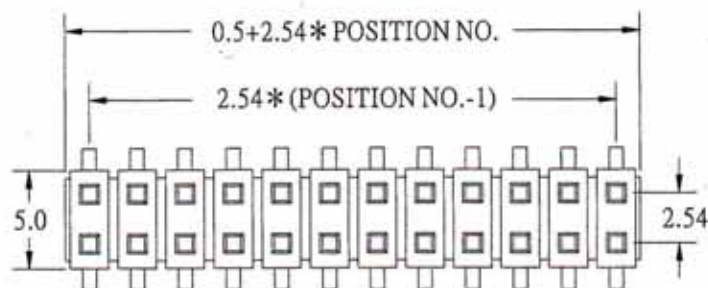
" " PBT

"6T" NYLON 6T

5. VOID PIN POSITION:

04 through 80

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

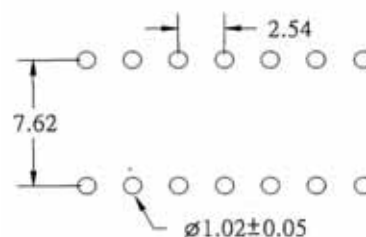
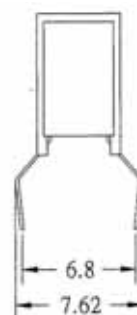
Insulation Material: Polyester, UL 94V-0

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 - $\frac{x x x x}{1 \quad 2}$ B

1. NO. OF CONTACTS:

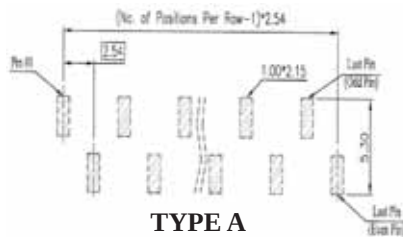
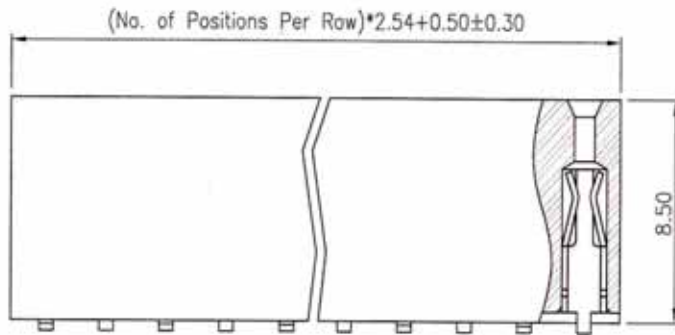
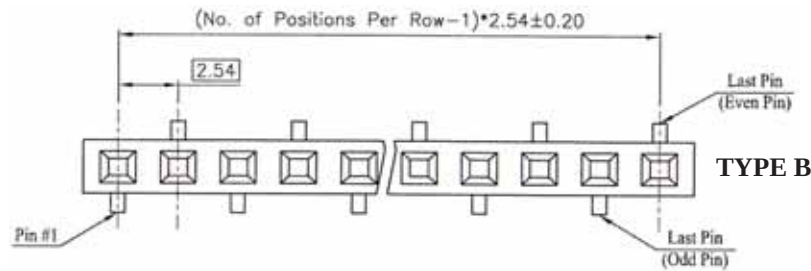
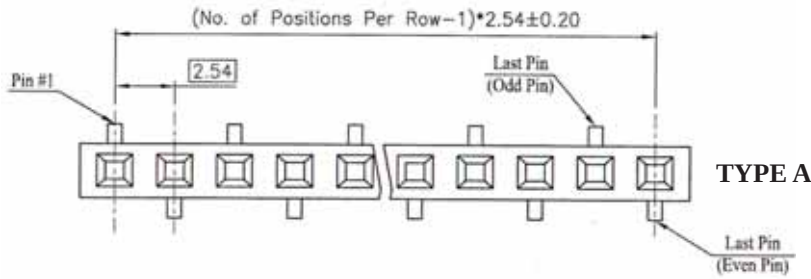
004 through 080

2. CONTACT FINISH:

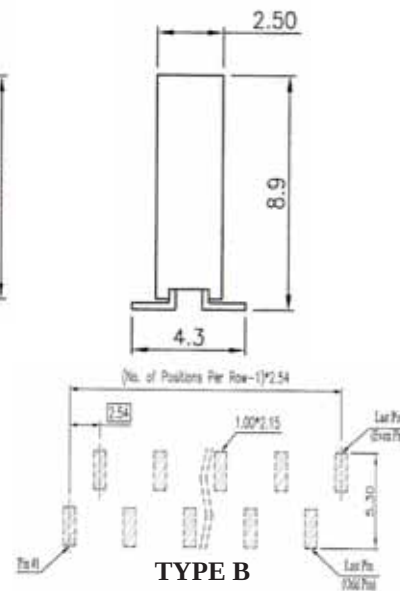
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

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 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

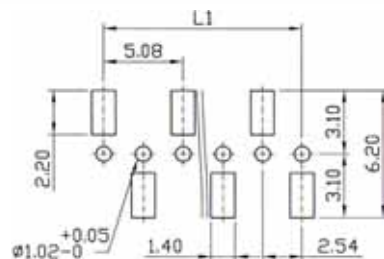
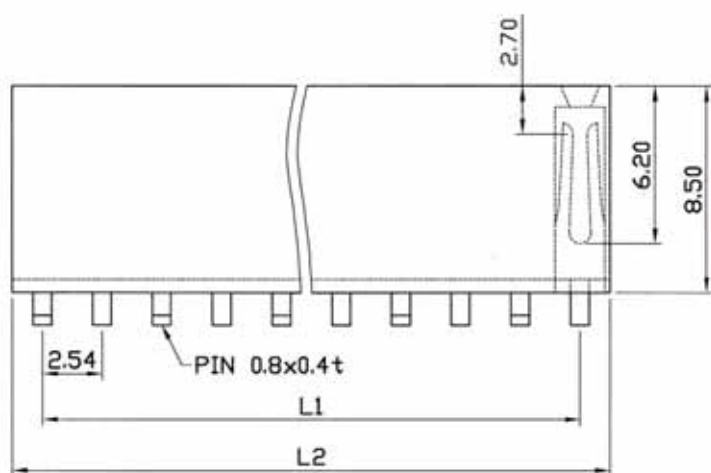
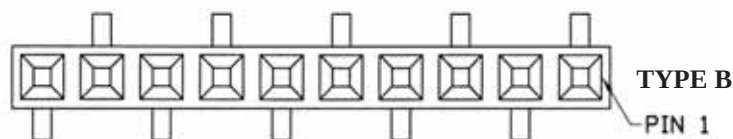
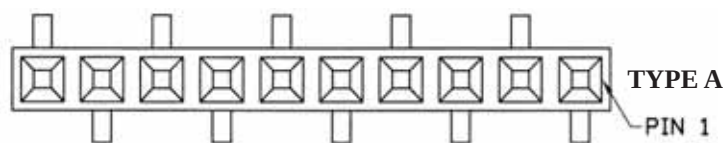
"T" W/O PAD IN TUBE

"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

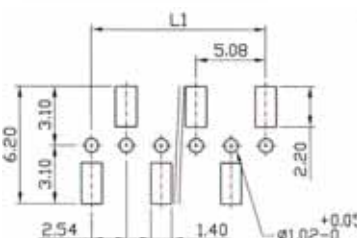
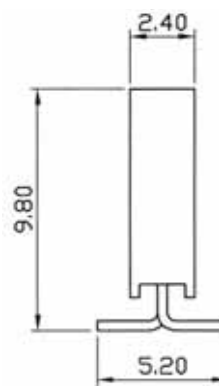
Contact Material: Phosphor Bronze

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 $\frac{F \times x}{1} - \frac{x \times x \times x}{2} \frac{B}{3} - \frac{x}{4}$

1. PCB LAYOUT TYPE:

"F11" TYPE A

"F12" TYPE B

2. NO. OF CONTACTS:

002 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

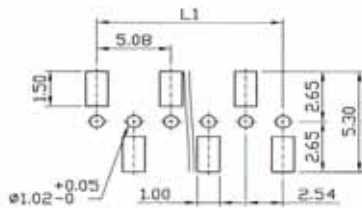
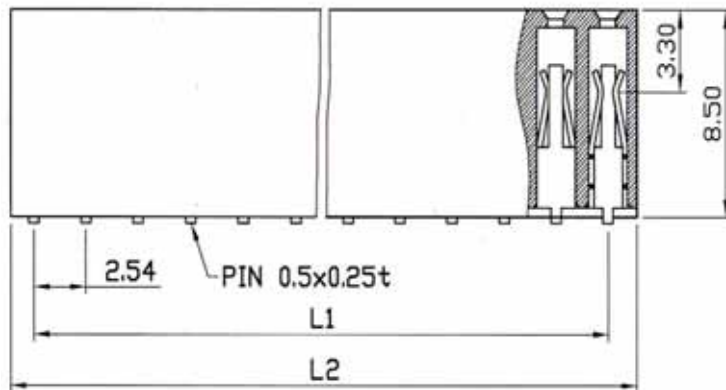
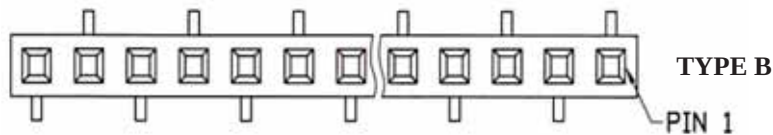
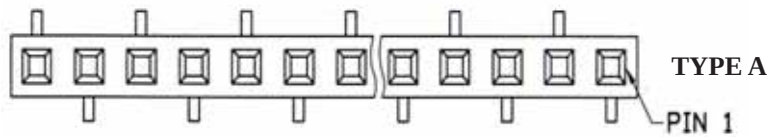
"T" W/O PAD IN TUBE

"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

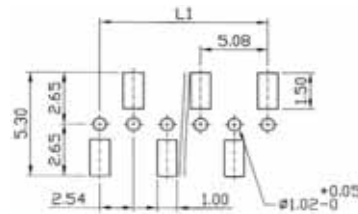
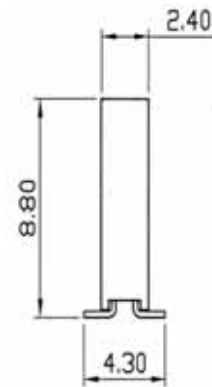
Insulation Material: Polyester, UL 94V-0

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 $\frac{F \times x}{1} - \frac{x \times x \times x}{2} \frac{B}{3} - \frac{x}{4}$

1. PCB LAYOUT TYPE:

"F09" TYPE A

"F10" TYPE B

2. NO. OF CONTACTS:

002 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

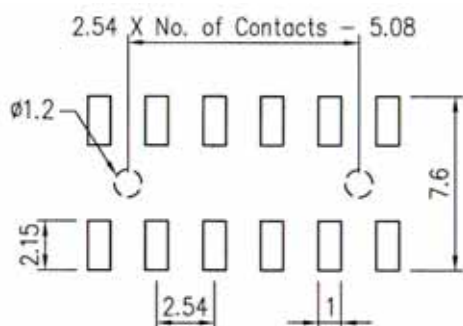
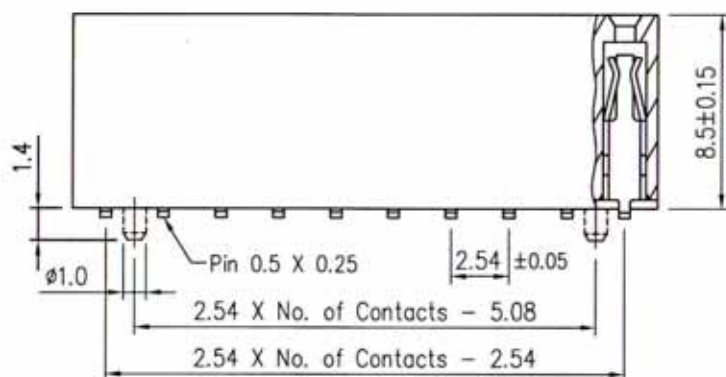
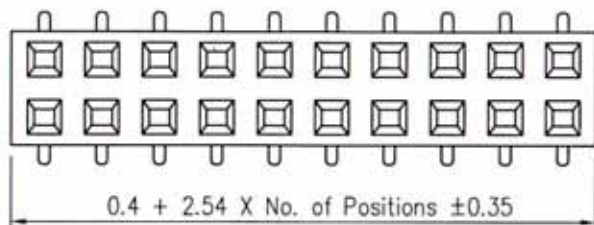
"T" W/O PAD IN TUBE

"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.

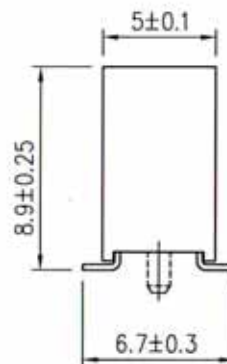
Operating Temperature: -40°C to + 105°C

MATERIALS

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

Contact Material: Copper Alloy

All materials must be RoHS compliant.



ORDERING INFORMATION:

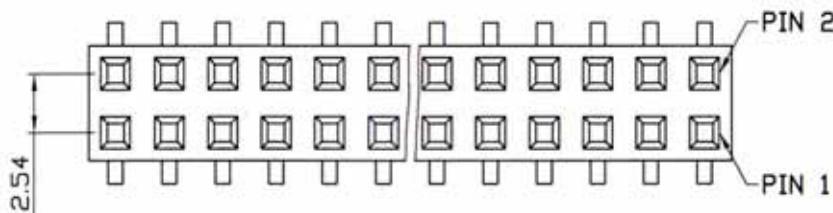
P/N 2 5 $\frac{x x x}{1}$ - $\frac{x x x x}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"A19" W/O LOCATING PEG
"E03" WITH LOCATING PEG
2. NO. OF CONTACTS:
004 through 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



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

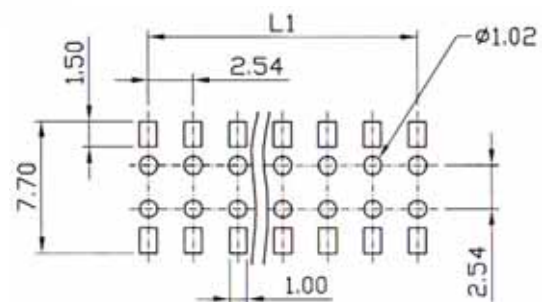
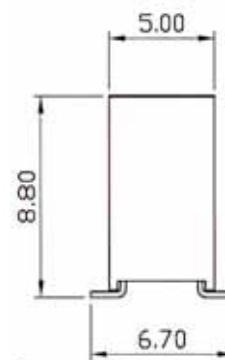
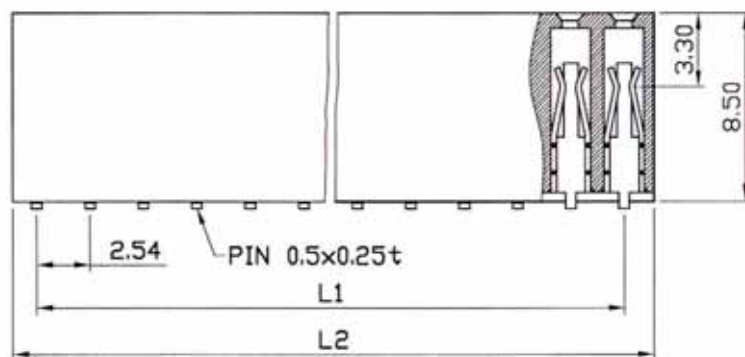
Insulation Material: Polyester, UL 94V-0

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

ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:

"H30" WITHOUT LOCATING PEG

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

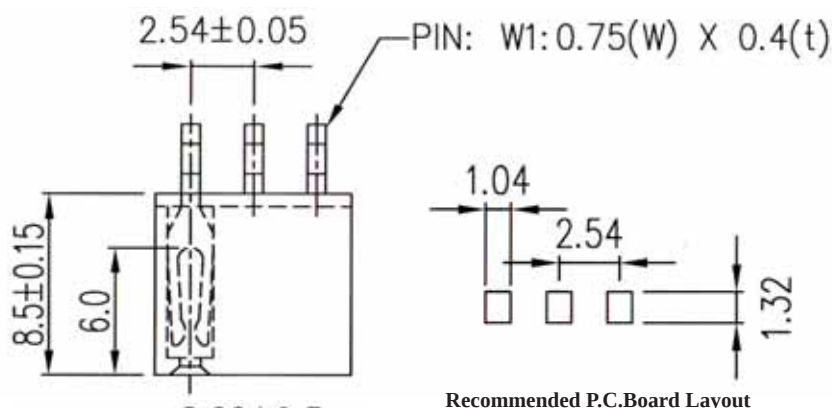
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= Pick & Place Pad

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

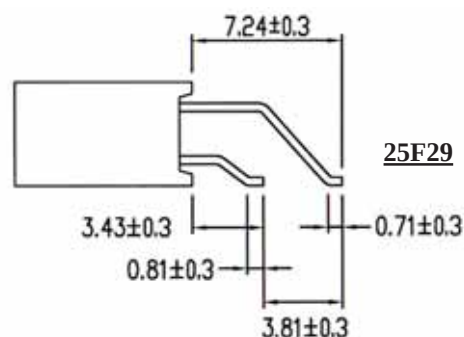
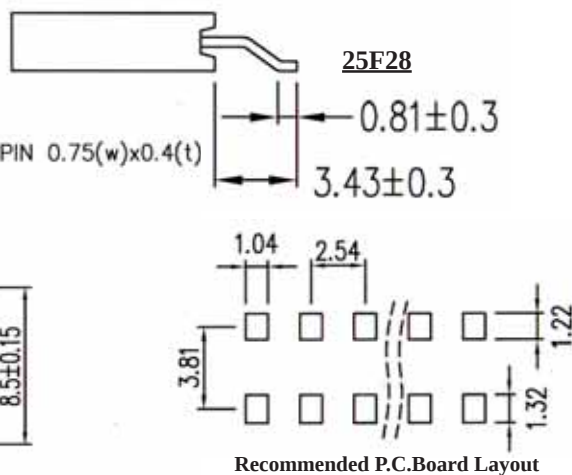
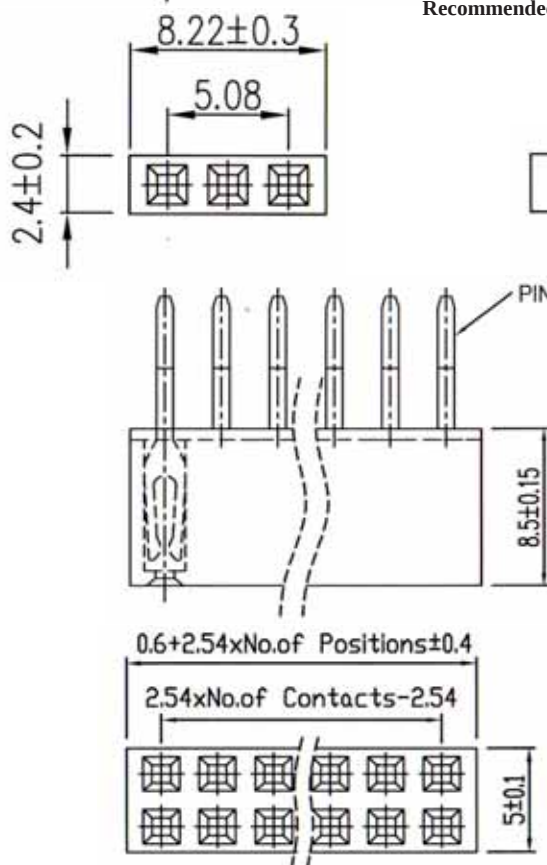


SPECIFICATIONS

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
 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 F x x - x x x x B - x

1. NO. OF ROWS:

"F28" SINGLE ROW
 "F29" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW
 004 through 080 for DOUBLE ROW

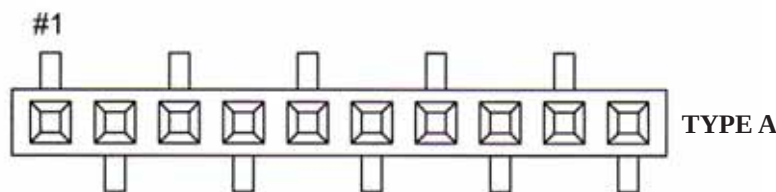
3. CONTACT FINISH:

"G" FULL GOLD PLATED

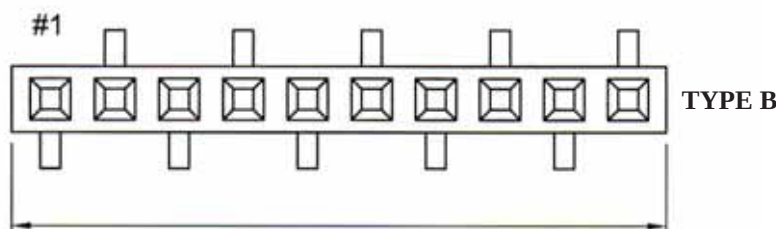
4. PACKAGE OPTION:

"T" W/O PAD IN TUBE
 "R" W/O PAD IN TAPE & REEL

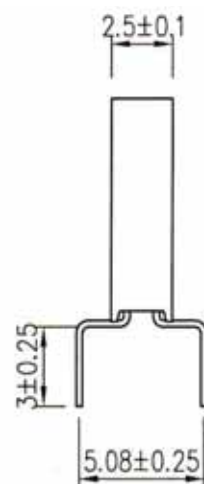
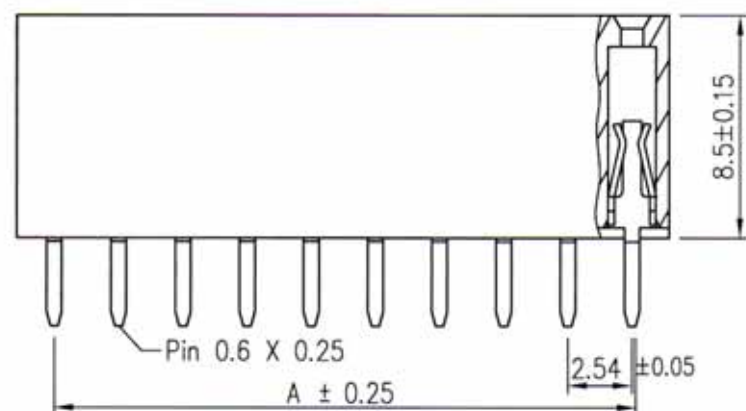
2.54MM(0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=8.50MM



TYPE A



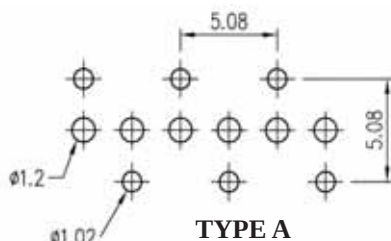
TYPE B



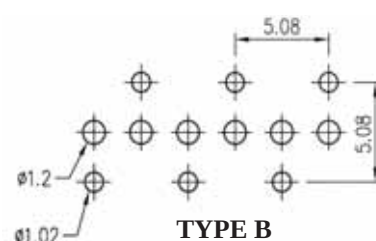
DIMENSIONS:

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

B = 0.5 + 2.54 x No. of Positions



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

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

1. PIN TYPE OPTION:

"WP" TYPE A

"WQ" TYPE B

2. NO. OF CONTACTS:

002 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

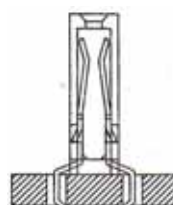
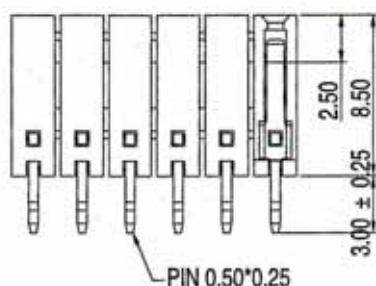
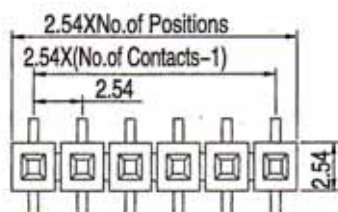
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

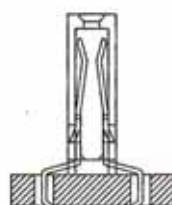
" " PBT

"6T" NYLON 6T

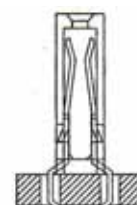
2.54MM(0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=8.50MM



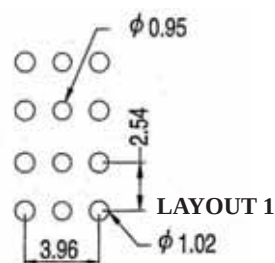
LAYOUT 1



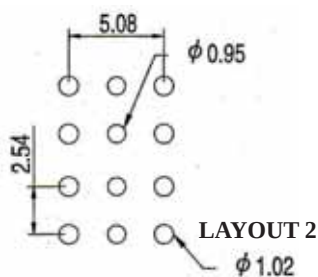
LAYOUT 2



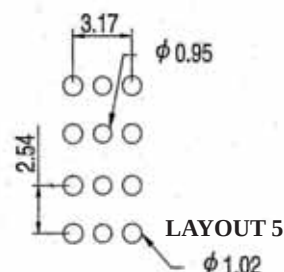
LAYOUT 5



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

1. LAYOUT TYPE:

"WW" LAYOUT 1

"WT" LAYOUT 2

"WE" LAYOUT 5

2. NO. OF CONTACTS:

002 through 032

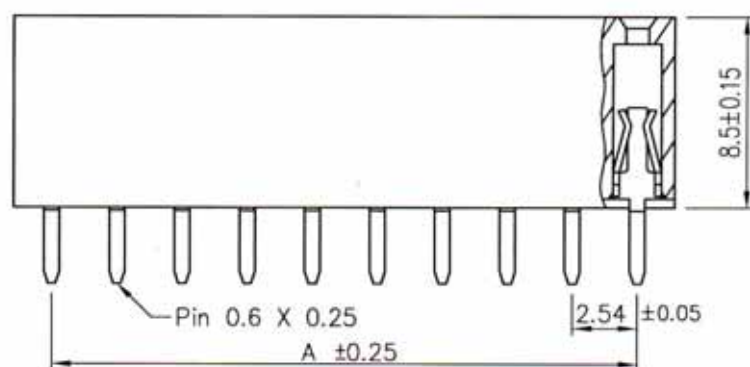
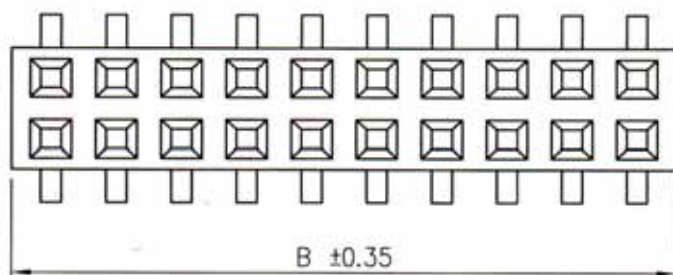
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

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

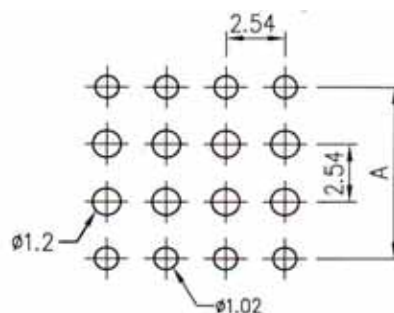
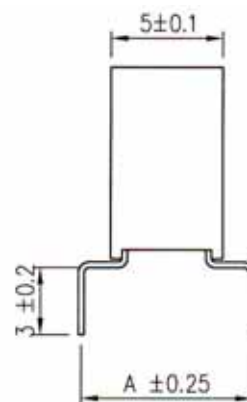
Insulation Material: Polyester, UL 94V-0

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:

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

B = 0.5 + 2.54 x No. of Positions

ORDERING INFORMATION:

P/N 2 5 4 $\frac{1}{\text{Pin Type}}$ - $\frac{2}{\text{No. of Contacts}}$ $\frac{3}{\text{Contact Finish}}$ B / $\frac{4}{\text{Insulator Material}}$

1. PIN TYPE OPTION:

"WM" PITCH A = 5.08MM

"WX" PITCH A = 6.50MM

"WY" PITCH A = 7.62MM

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

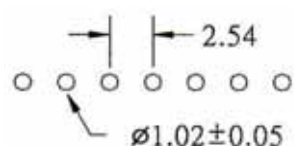
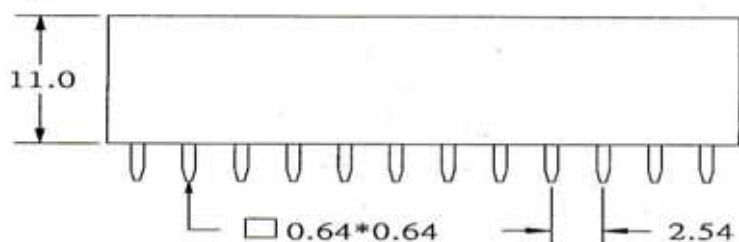
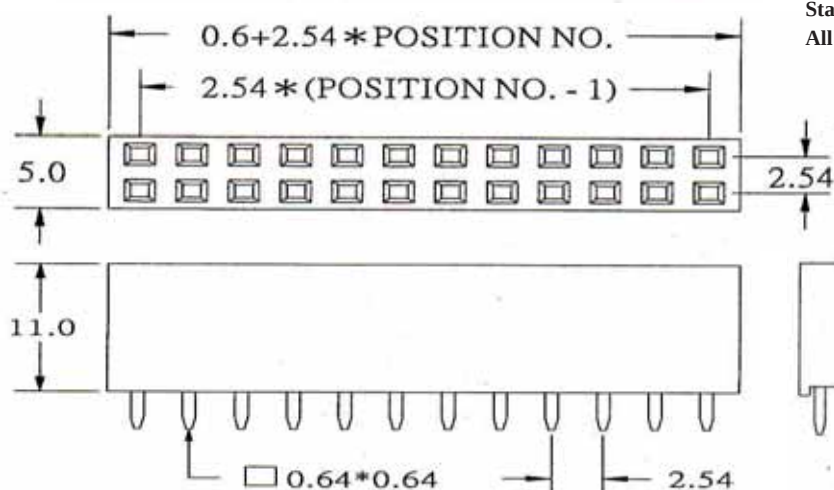
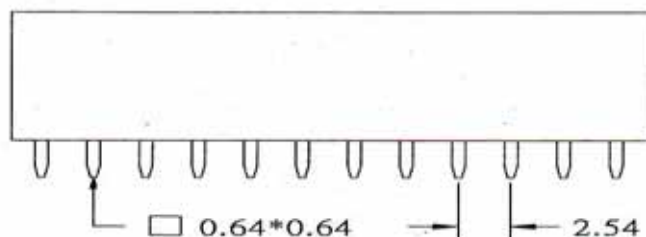
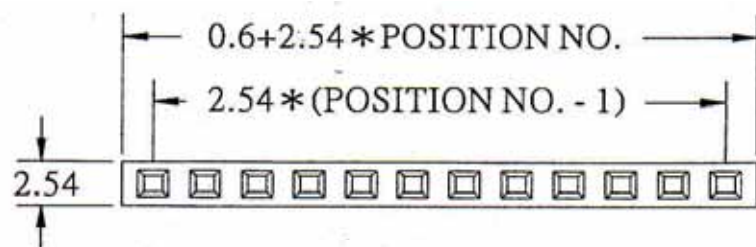
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

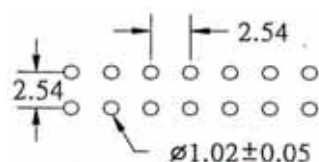
" " PBT

"6T" NYLON 6T

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



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

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.

(A) 3.2
(B) 6.0
(C) 7.9
(D) 12.0

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 through 040 for SINGLE ROW

004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

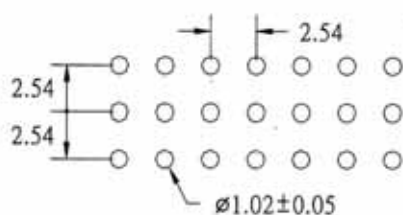
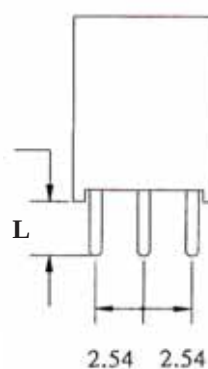
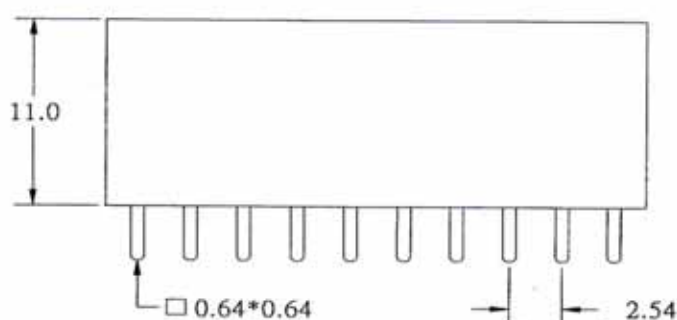
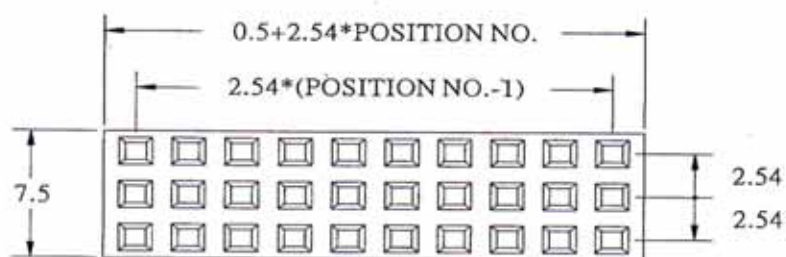
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

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



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 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 through 120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

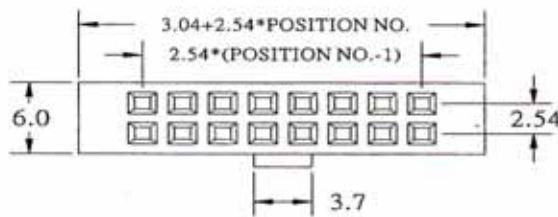
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

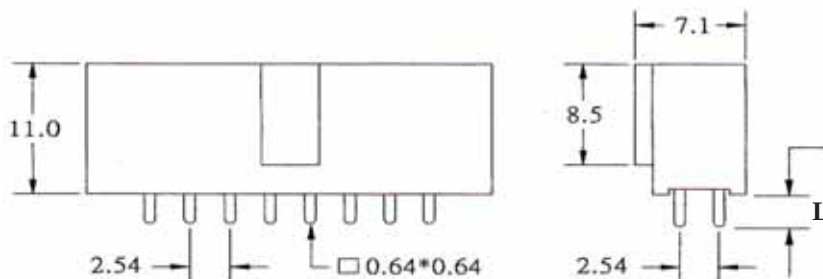
" " PBT

"6T" NYLON 6T

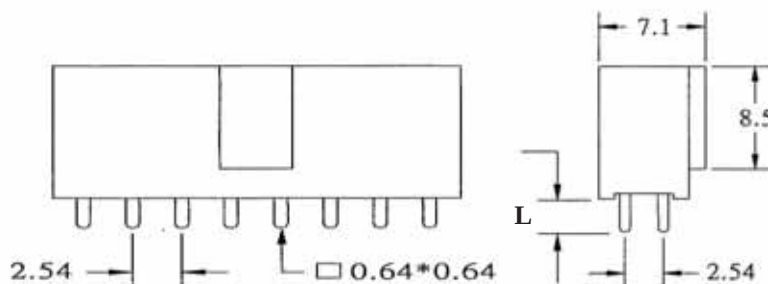
2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=11.00MM



TYPE A



TYPE B



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

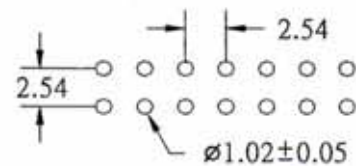
Insulation Material: Polyester, UL 94V-0

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

ORDERING INFORMATION:

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

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

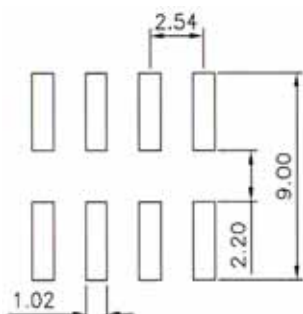
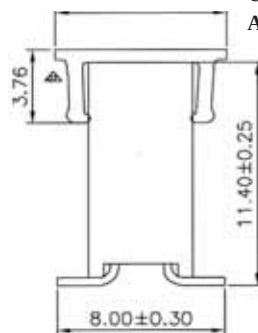
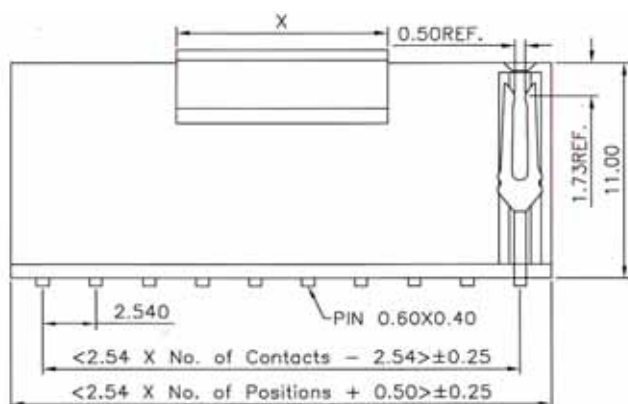
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

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:

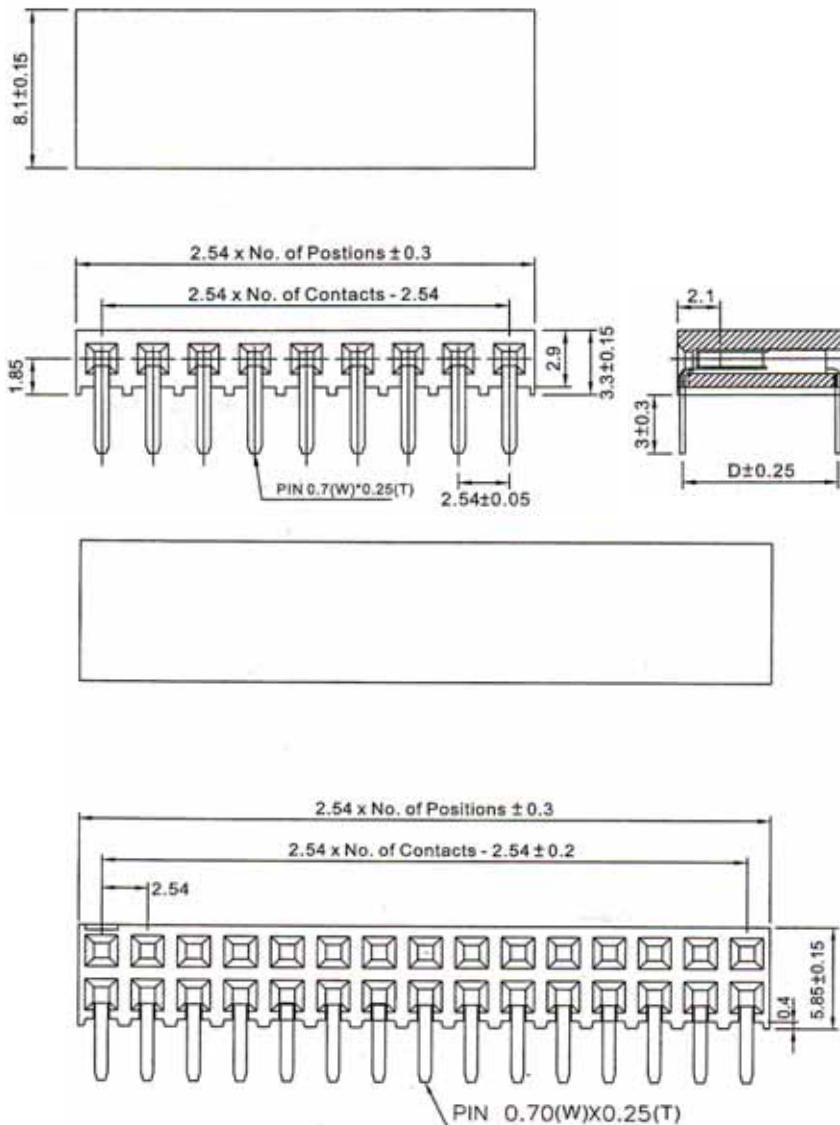
P/N 2 5 F 3 2 - x x x x B - x
1 2 3 4

1. CONNECTOR TYPE:
"F32" W/O LOCATING PEG
2. NO. OF CONTACTS:
004 through 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 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

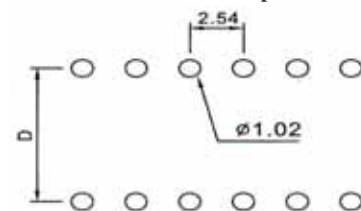
Insulation Material: Polyester, UL 94V-0

P.B.T or Nylon 6T

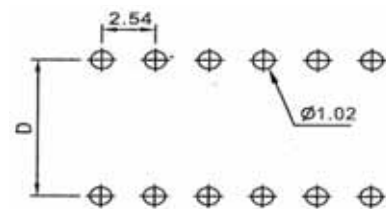
Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

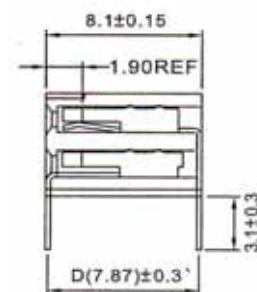
All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout



ORDERING INFORMATION:

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

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 through 040 for SINGLE ROW

004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

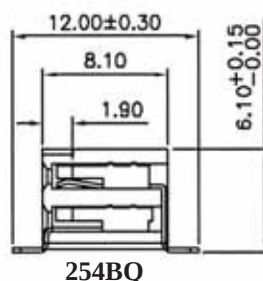
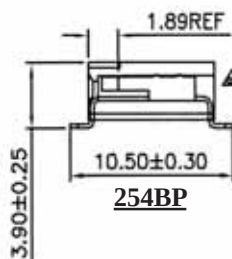
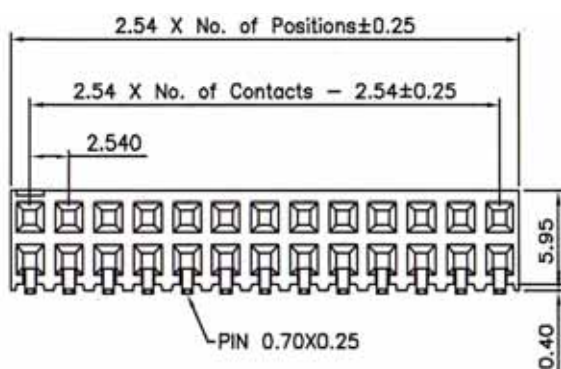
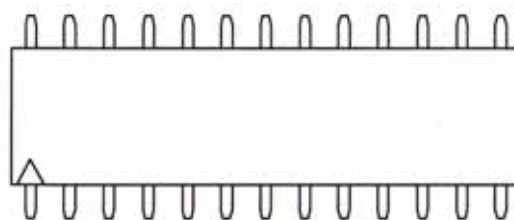
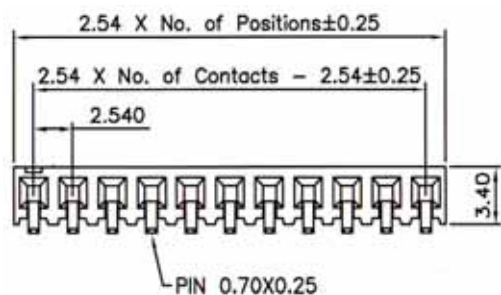
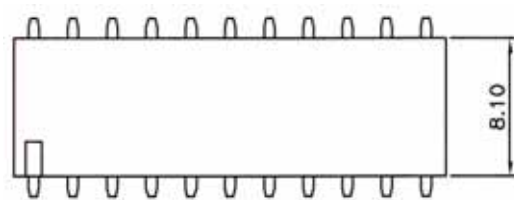
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

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

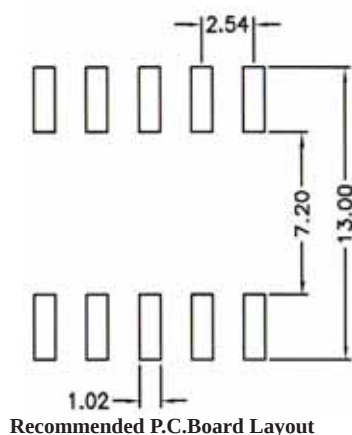
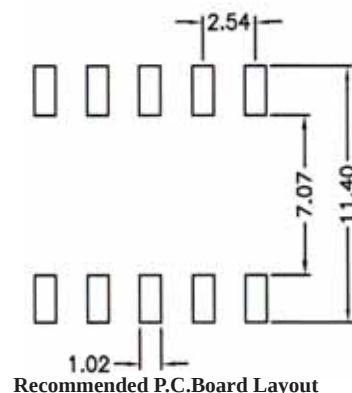


SPECIFICATIONS

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
 Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
 All materials must be RoHS compliant.



ORDERING INFORMATION:

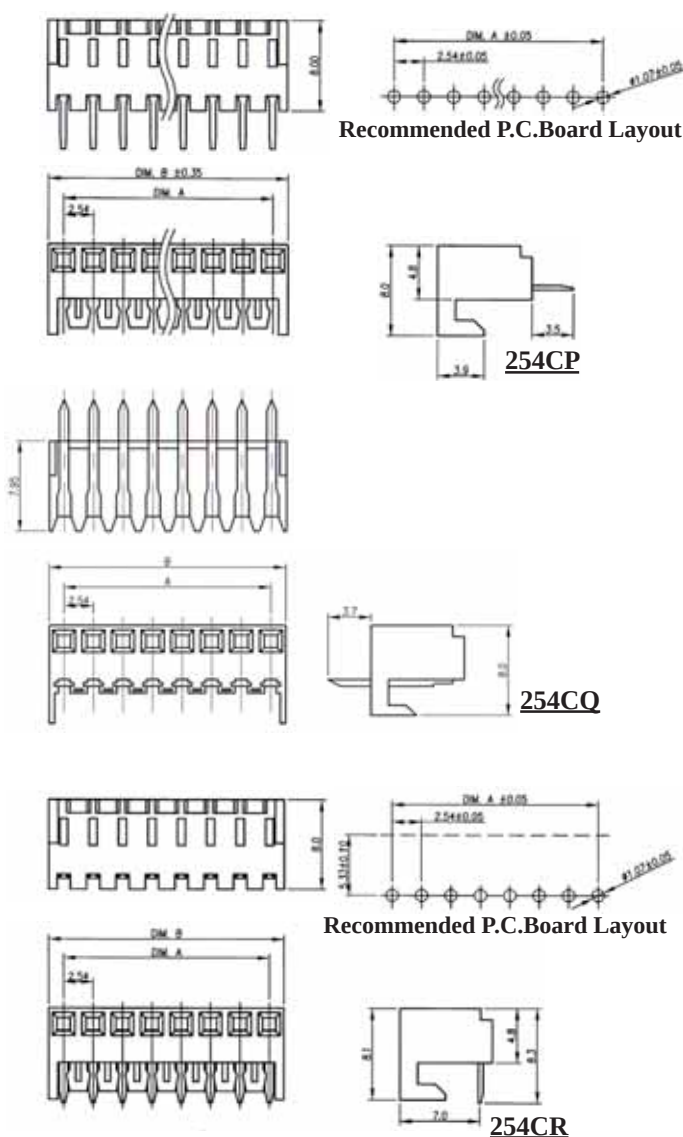
P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

- PCB LAYOUT TYPE:
 "BP" SINGLE ROW SMT TYPE
 "BQ" DOUBLE ROW SMT TYPE
- NO. OF CONTACTS:
 002 through 040 for SINGLE ROW
 004 through 080 for DOUBLE ROW
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

- PACKAGE TYPE:
 "T" WITHOUT PAD IN TUBE
 "R" WITHOUT PAD IN TAPE & REEL

NOTE: THEY NEED NO PAD.

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 x x - x x x x x
1 2 3 4

1. CONNECTOR TYPE:

"CP" TOP ENTRY STRAIGHT TYPE

"CQ" BOTTOM ENTRY STRAIGHT TYPE

"CR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 through 029

3. CONTACT FINISH:

"G" FULL GOLD PLATED

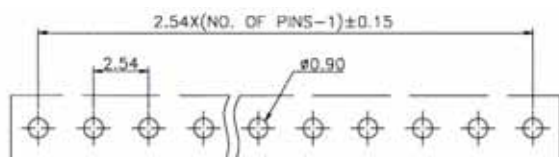
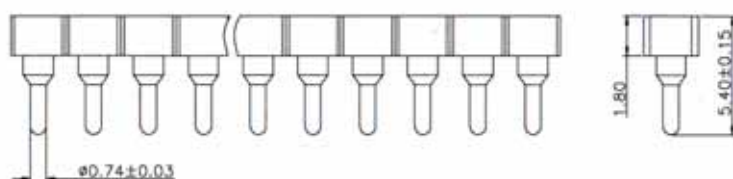
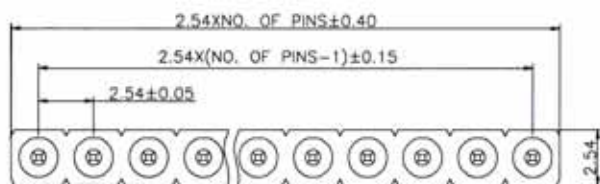
"T" FULL TIN PLATED

4. INSULATOR COLOR:

"W" WHITE (STANDARD)

"B" BLACK

2.54MM(0.100") SIP 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

Soldering Temperature: 260°C

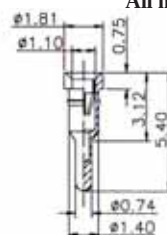
for 10 seconds max.

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.



ORDERING INFORMATION:

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

1. NO. OF ROWS:

"M11" SINGLE ROW

2. NO. OF CONTACTS:

002 through 040

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") SIP 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

Soldering Temperature: 260°C

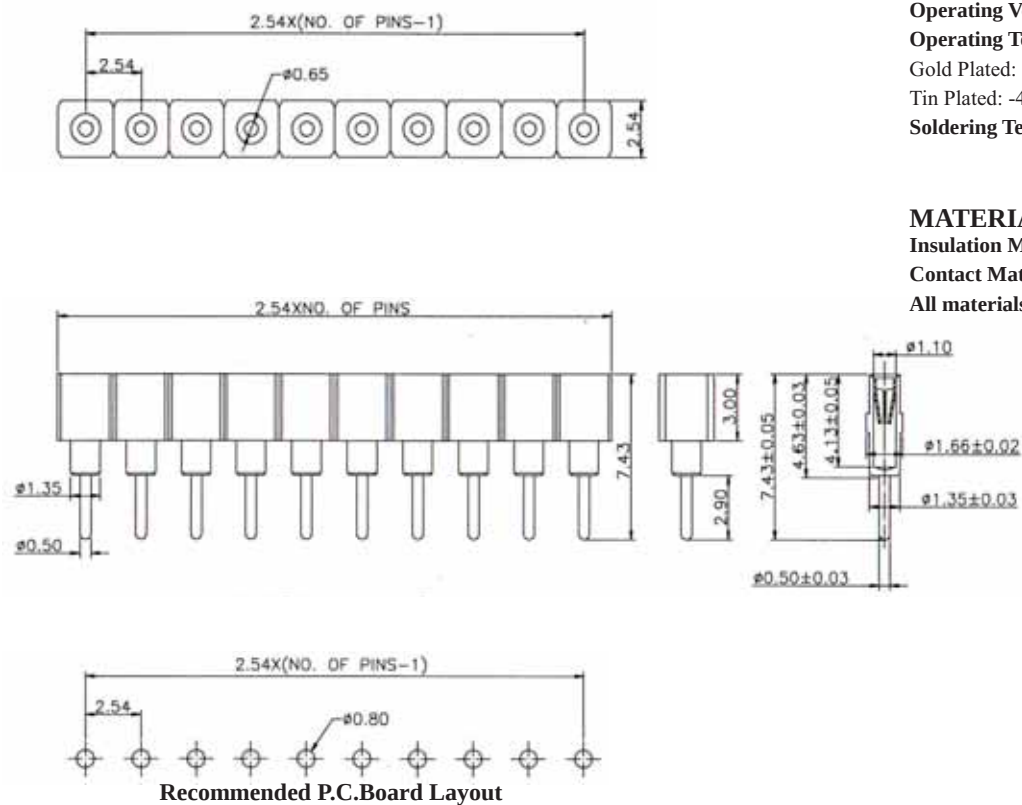
for 10 seconds max.

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 25 **M06** - **x x x** **x** **B**
 1 **2** **3**

1. NO. OF ROWS:
"M06" SINGLE ROW
2. NO. OF CONTACTS:
002 through 040
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED

2.54MM(0.100") SIP 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

Soldering Temperature: 260°C

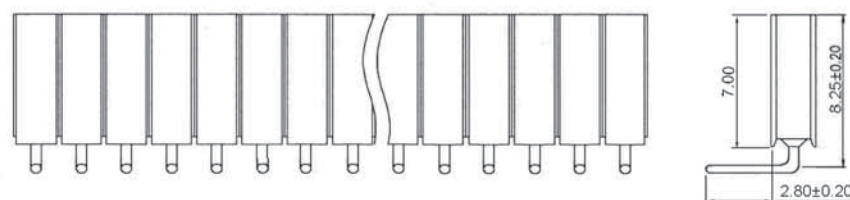
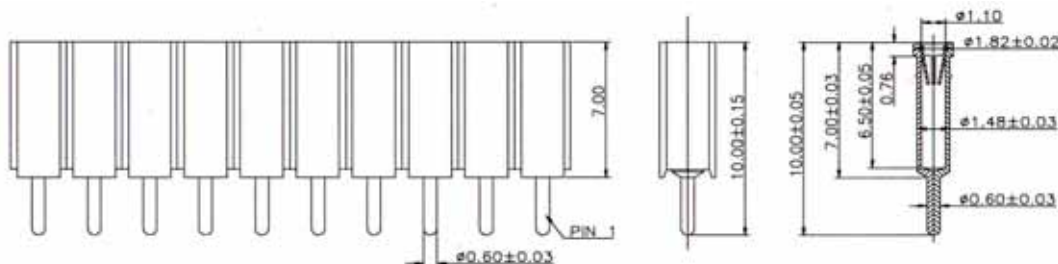
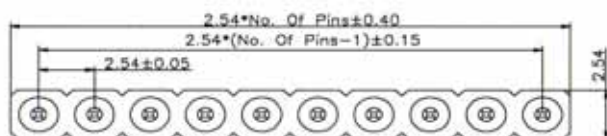
for 10 seconds max.

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.



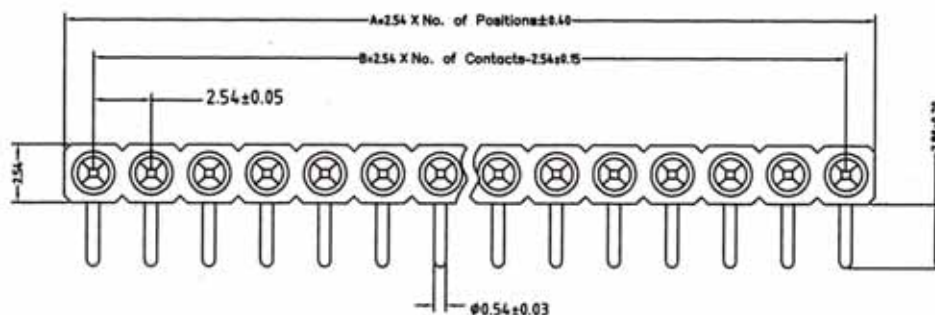
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 XXX - XXX X B

1. NO. OF ROWS:
"M12" STRAIGHT TERMINAL
"M31" RIGHT ANGLE TERMINAL
2. NO. OF CONTACTS:
002 through 040
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED

2.54MM(0.100") SIP 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

Soldering Temperature: 260°C

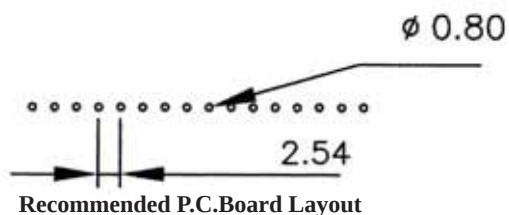
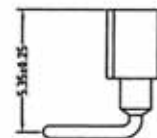
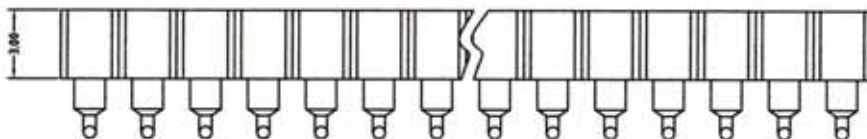
for 10 seconds max.

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

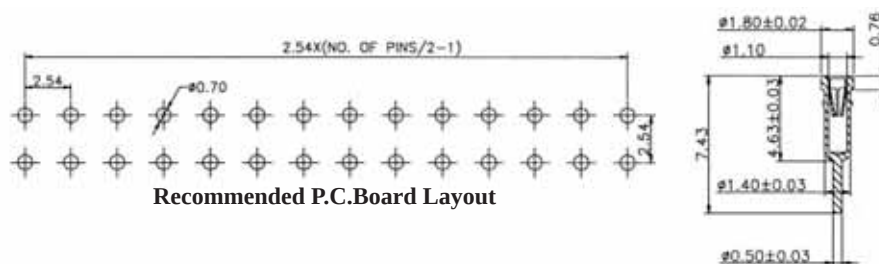
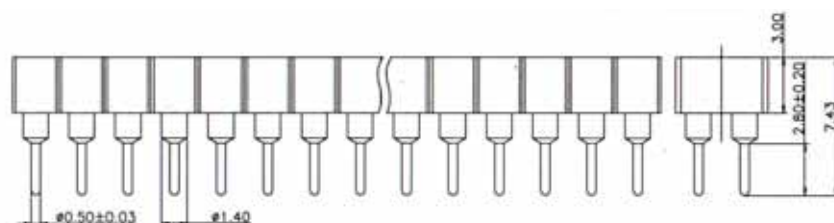
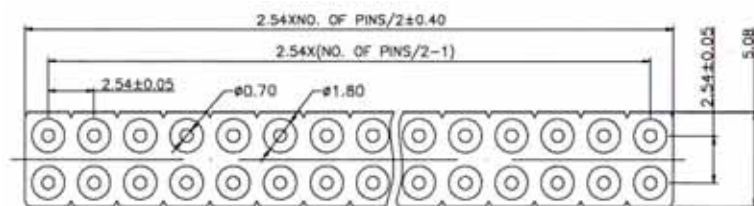


ORDERING INFORMATION:

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

1. NO. OF ROWS:
"M05" SINGLE ROW RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 through 042
3. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED

2.54MM(0.100") SIP 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

Soldering Temperature: 260°C

for 10 seconds max.

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

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

1. NO. OF ROWS:

"M14" DOUBLE ROW

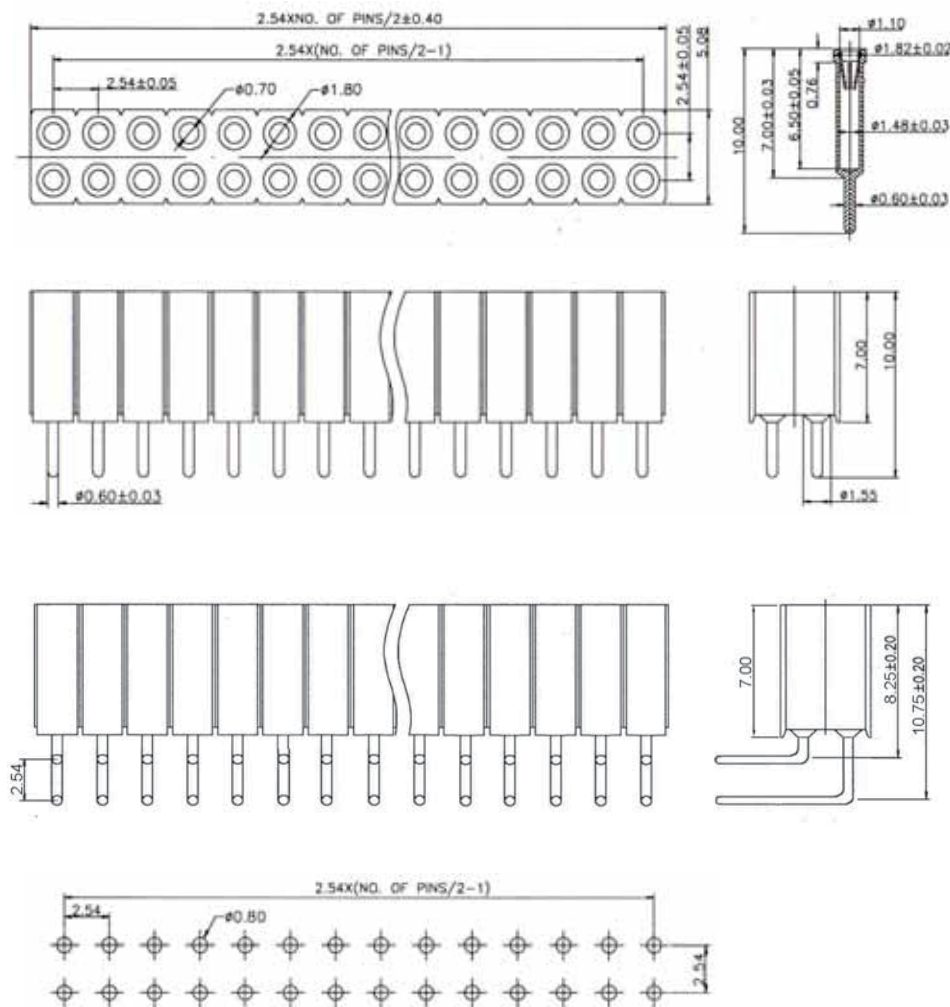
2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") SIP 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

Soldering Temperature: 260°C

for 10 seconds max.

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 2 5 XXX - XXX X B

1. NO. OF ROWS:

"M15" STRAIGHT TERMINAL

"M32" RIGHT ANGLE TERMINAL

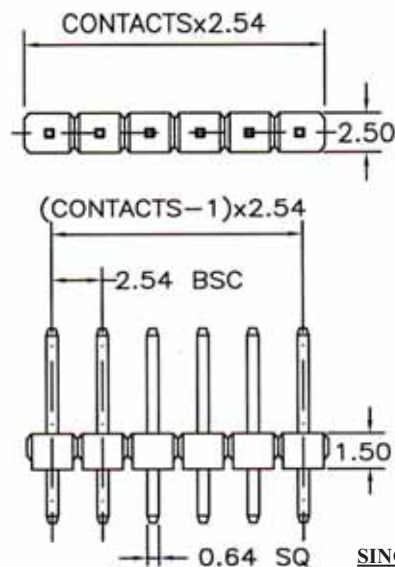
2. NO. OF CONTACTS:

004 through 080

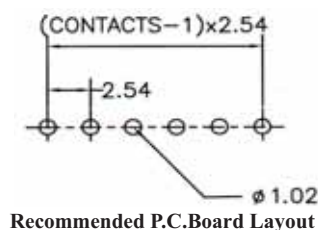
3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

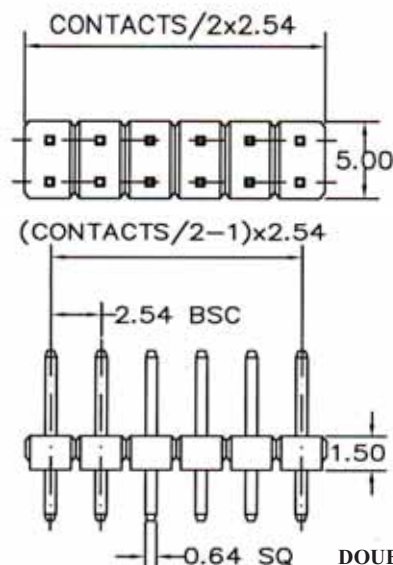
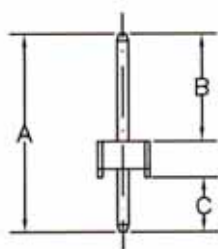
2.54MM(0.100") PIN HEADER STRAIGHT TYPE PROFILE=1.50MM



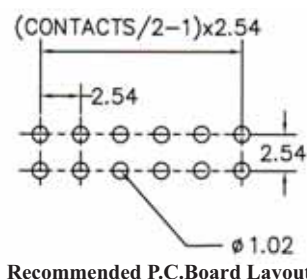
SINGLE ROW



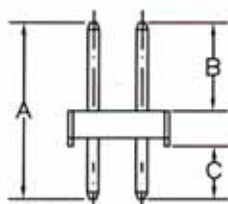
Recommended P.C.Board Layout



DOUBLE 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.

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

ORDERING INFORMATION:

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

1. TERMINAL CODE:

SINGLE ROW PROFILE H=1.5MM:

B90, B91, B92, B93, B94, B95, B96, B97, B98
 B99, C01, C02

DOUBLE ROW PROFILE H=1.5MM:

C03, C04, C05, C06, C07, C08, C09, C10, C11,
 C12, C13, C14

2. NO. OF CONTACTS:

002 through 040 for SINGLE ROW
 004 through 080 for DOUBLE ROW

3. CONTACT FINISH:

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

FOR SPECIAL TYPE GIVE US A CODE :

CODE: 2 $\frac{XXX}{1}$ S 1 - $\frac{A/B/C}{2}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B

THEN WE WILL GIVE YOU

PartN. P $\frac{XXX}{YY}$ $\frac{XXX}{MM}$ $\frac{XXX}{DD}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B

1. EXTERIOR CODE:

"551" SINGLE ROW

"612" DOUBLE ROW

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

3. NO. OF CONTACTS:

002 through 080

4. CONTACT FINISH:

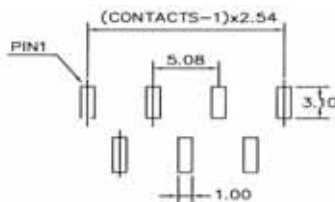
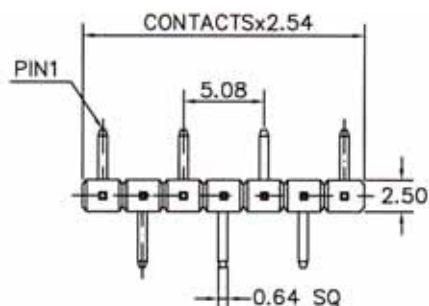
"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

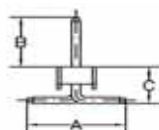
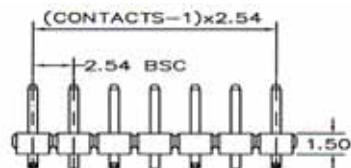
"T" FULL TIN PLATED

203

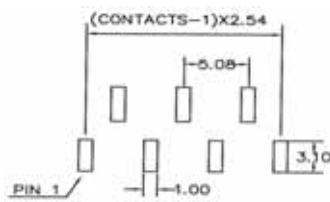
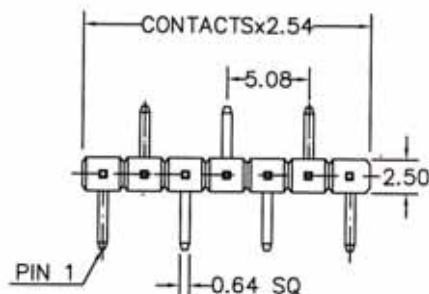
2.54MM(0.100") PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.50MM



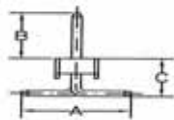
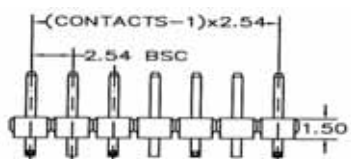
Recommended P.C. Board Layout



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 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

1. EXTERIOR CODE

"1M1" SINGLE ROW SMT TYPE

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

3. NO. OF CONTACTS:

002 through 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:

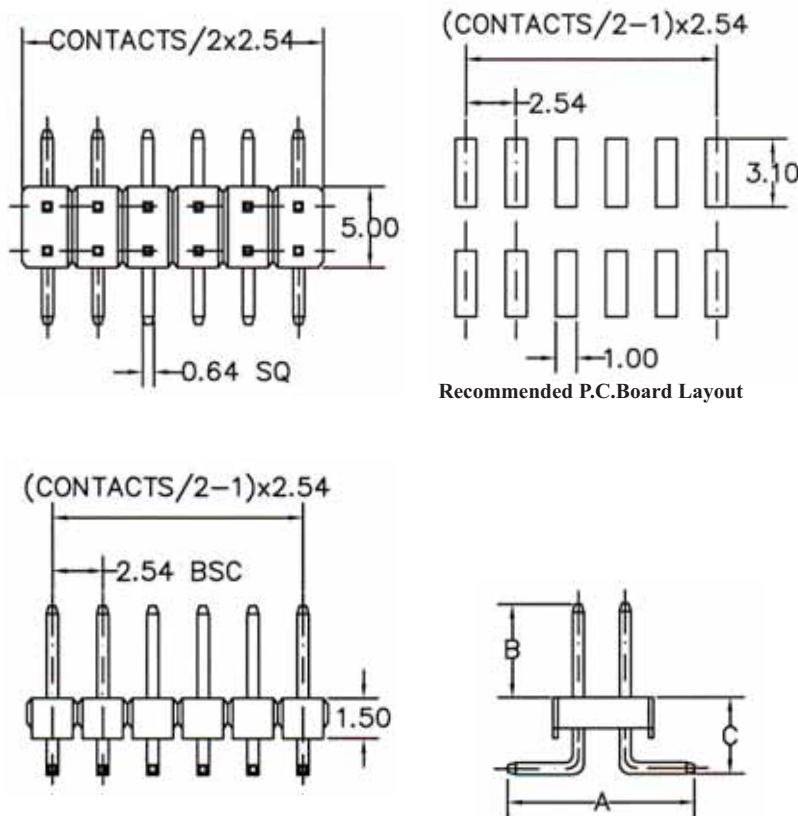
"T" W/O PAD IN TUBE

"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: $2\ 6\ 1\ \frac{2\ M\ 1}{1} - \frac{A/B/C}{2} - \frac{x\ x\ x\ x}{3\ 4} B - \frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N $P\ \frac{x\ x\ x\ x\ x\ x}{YY\ MM\ DD} x - \frac{x\ x\ x\ x}{3\ 4} B$

1. EXTERIOR CODE

"2M1" DOUBLE ROW SMT TYPE

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

3. NO. OF CONTACTS:

004 through 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

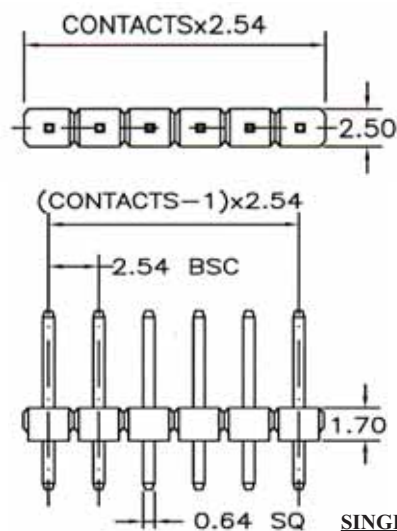
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

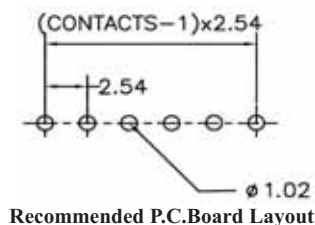
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

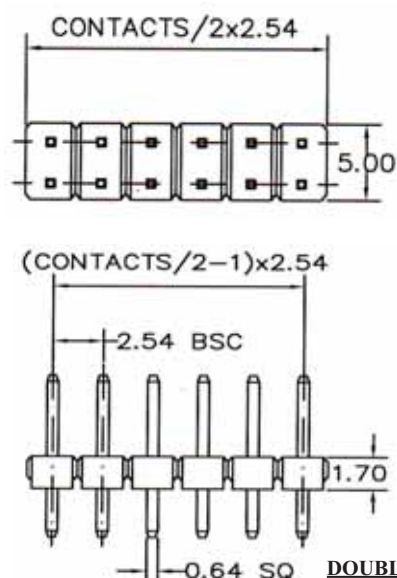
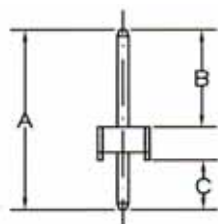
2.54MM(0.100") PIN HEADER STRAIGHT TYPE PROFILE=1.70MM



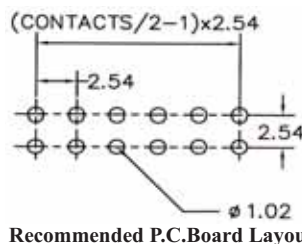
SINGLE ROW



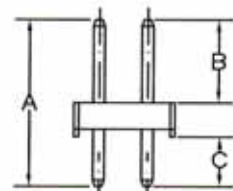
Recommended P.C.Board Layout



DOUBLE 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.

Terminal Code 1	Terminal Code 2	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

ORDERING INFORMATION:

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

1. TERMINAL CODE:
SINGLE ROW PROFILE H=1.7MM:
 C15, C16, C17, C18, C19, C20, C21, C22, C23
 C24, C25, C26
DOUBLE ROW PROFILE H=1.7MM:
 C27, C28, C29, C30, C31, C32, C33, C34, C35,
 C36, C37, C38
2. NO. OF CONTACTS:
 002 through 040 for SINGLE ROW
 004 through 080 for DOUBLE ROW
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

FOR SPECIAL TYPE GIVE US A CODE :

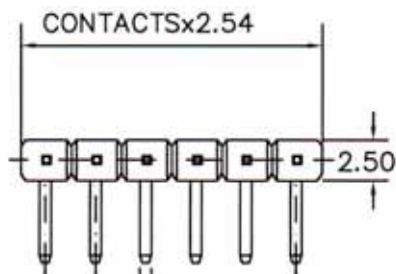
CODE: 2 $\frac{XXX}{1}$ S 1 - $\frac{A/B/C}{2}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B

THEN WE WILL GIVE YOU

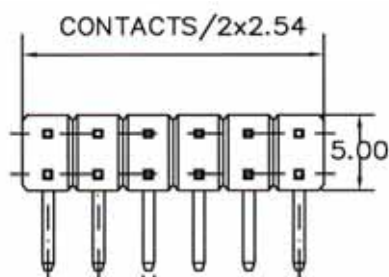
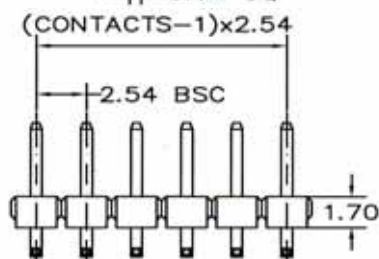
PartN. P $\frac{XX}{YY}$ $\frac{XX}{MM}$ $\frac{XX}{DD}$ X - $\frac{XXX}{3}$ $\frac{X}{4}$ B

1. EXTERIOR CODE:
 "571" SINGLE ROW
 "622" DOUBLE ROW
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
 002 through 080
4. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

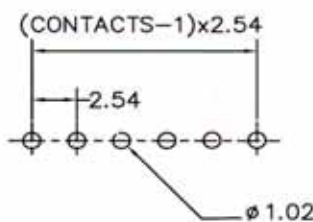
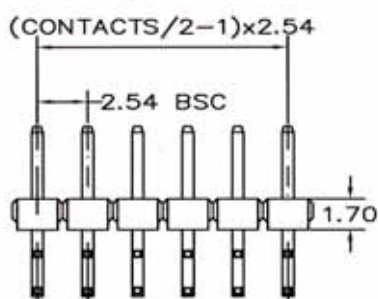
2.54MM(0.100") PIN HEADER RIGHT ANGLE TYPE PROFILE=1.70MM



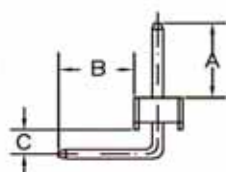
0.64 SQ



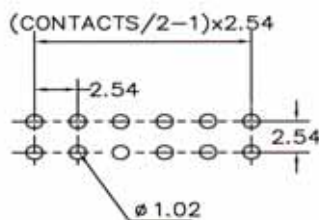
0.64 SQ



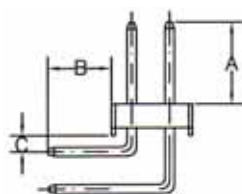
Recommended P.C.Board Layout



SINGLE ROW



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 2 5 $\frac{B}{1} \frac{X}{2} \frac{X}{3} - \frac{X}{2} \frac{X}{3} \frac{X}{4} B$

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, 87, B88, B89
2. NO. OF CONTACTS:
 001 through 040 for SINGLE ROW
 004 through 080 for DOUBLE ROW
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

FOR SPECIAL TYPE GIVE US A CODE :

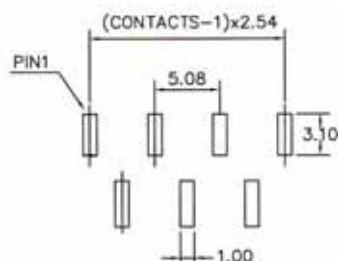
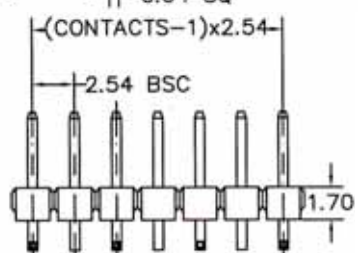
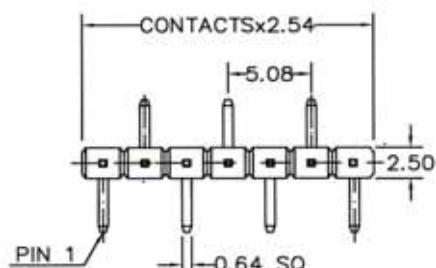
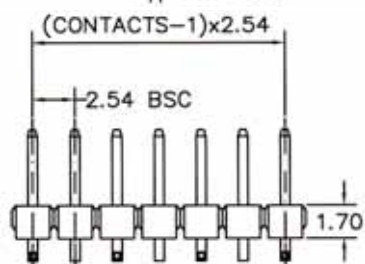
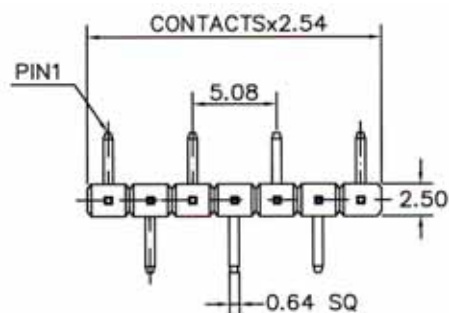
CODE: 2 $\frac{X}{1} \frac{X}{2} \frac{X}{3} D 1 - \frac{A/B/C}{2} - \frac{X}{3} \frac{X}{4} \frac{X}{5} B$

THEN WE WILL GIVE YOU

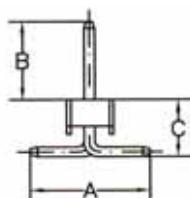
PartN. P $\frac{X}{Y} \frac{X}{Y} \frac{X}{MM} \frac{X}{DD} x - \frac{X}{3} \frac{X}{4} \frac{X}{5} B$

1. EXTERIOR CODE:
 "571" SINGLE ROW
 "622" DOUBLE ROW
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
 002 through 080
4. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

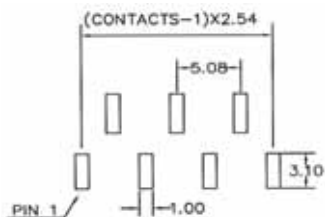
2.54MM(0.100") PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.70MM



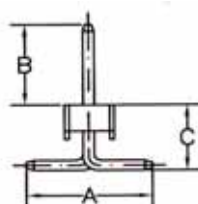
Recommended P.C.Board Layout



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 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" SINGLE ROW SMT TYPE

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

3. NO. OF CONTACTS:

002 through 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:

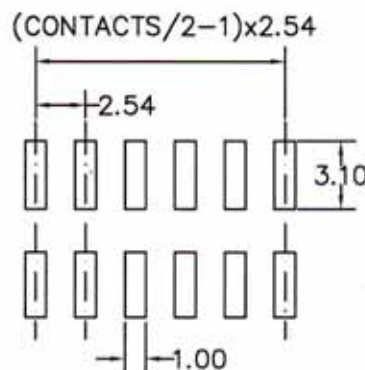
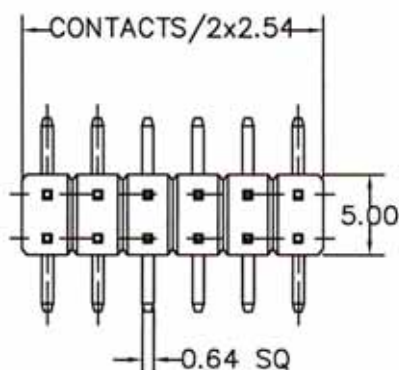
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

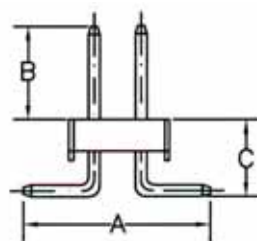
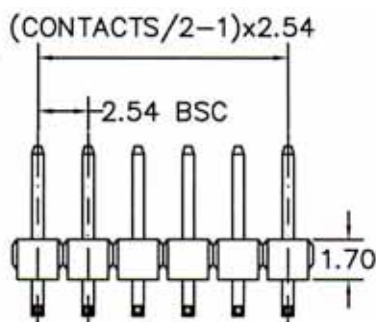
"Q" WITH PAD IN TAPE & REEL

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: $\frac{2}{1} \frac{6}{2} \frac{2}{M} \frac{1}{1} - \frac{A}{2} \frac{B}{C} - \frac{x}{3} \frac{x}{4} \frac{x}{B} - \frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N $\frac{P}{YY} \frac{x}{MM} \frac{x}{DD} x - \frac{x}{3} \frac{x}{4} \frac{x}{B}$

1. EXTERIOR CODE

"2M1" DOUBLE ROW SMT TYPE

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

3. NO. OF CONTACTS:

004 through 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

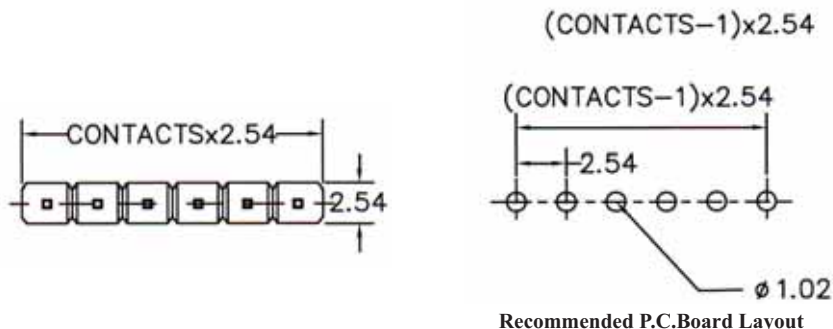
"T" W/O PAD IN TUBE

"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

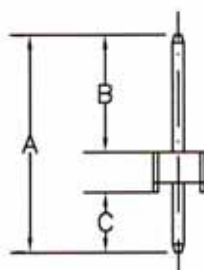
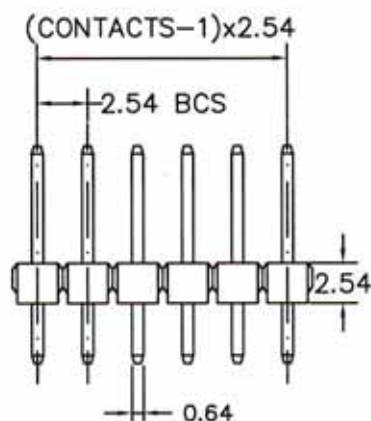
Contact Material: Copper Alloy

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

ORDERING INFORMATION:

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

2. NO. OF CONTACTS:

001 through 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

FOR SPECIAL TYPE GIVE US A CODE :

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

THEN WE WILL GIVE YOU

PartN. P xx xx xx x - xxx x B
YY MM DD 3 4

1. EXTERIOR CODE: "1S1"

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

3. NO. OF CONTACTS:

002 through 040

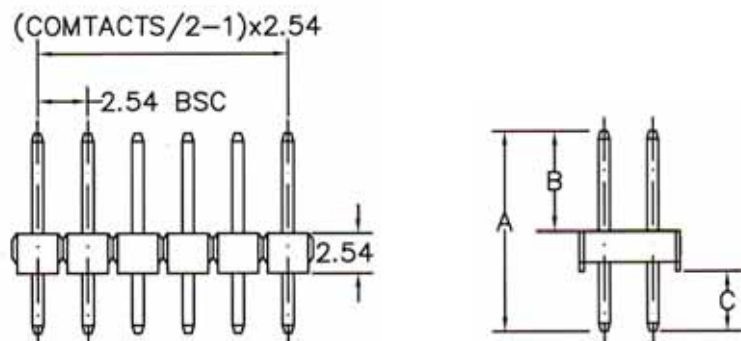
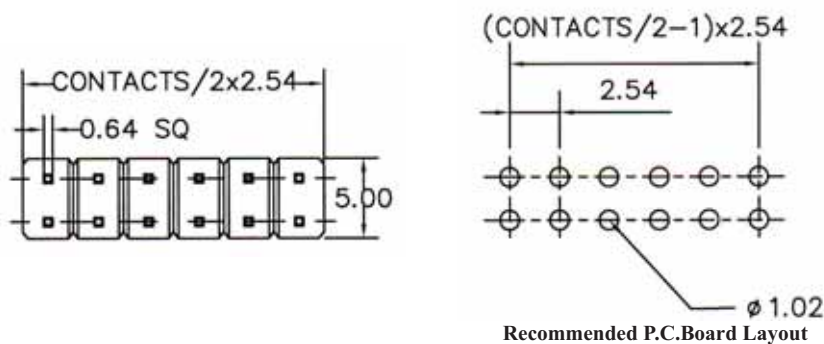
4. CONTACT FINISH:

"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

ORDERING INFORMATION:

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

2. NO. OF CONTACTS:

008 through 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

FOR SPECIAL TYPE GIVE US A CODE :

CODE: 2 6 0 xxx - A/B/C - xxx x B / xx
 1 2 3 4 5

THEN WE WILL GIVE YOU

PartN. P xx xx xx 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 through 080

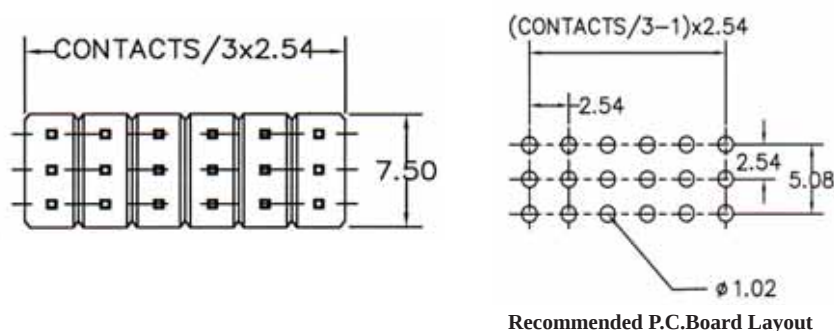
4. CONTACT FINISH:

"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

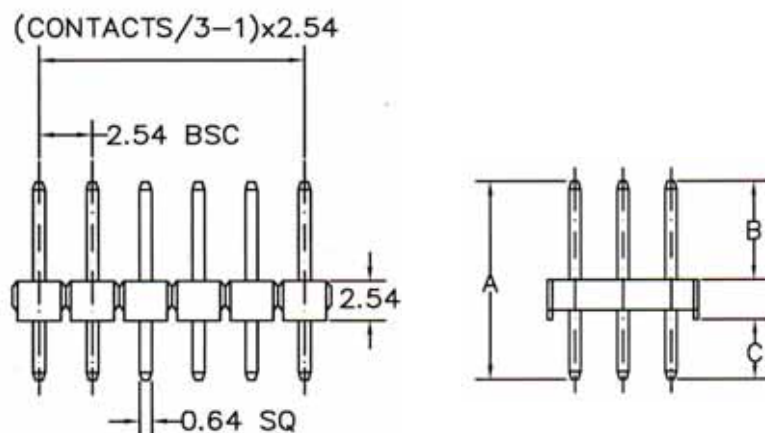
MATERIALS

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

ORDERING INFORMATION:

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

1. TERMINAL CODE:

KA, KB, KC, KD, KE, KF, KG, KH, KJ, KK, KL, KM

2. NO. OF CONTACTS:

006 through 120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

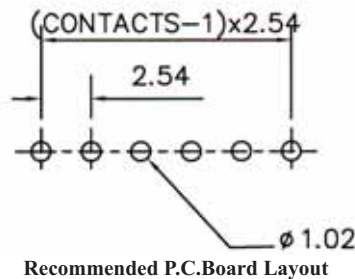
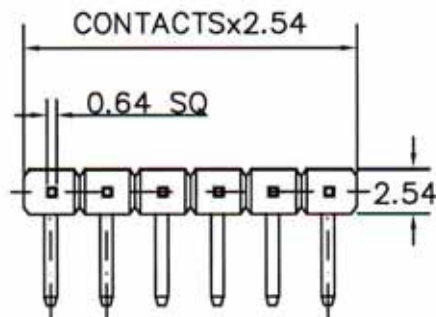
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

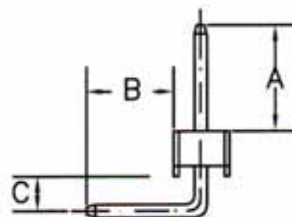
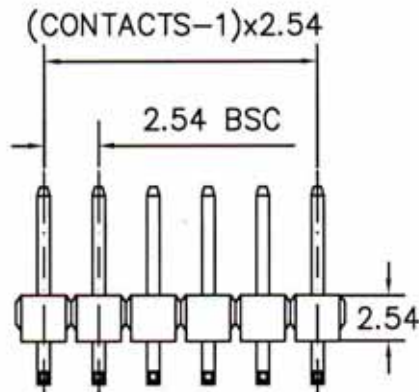
" " PBT

"6T" NYLON 6T

2.54MM(0.100") 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 through 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

FOR SPECIAL TYPE GIVE US A CODE :

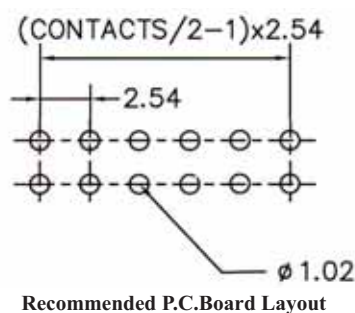
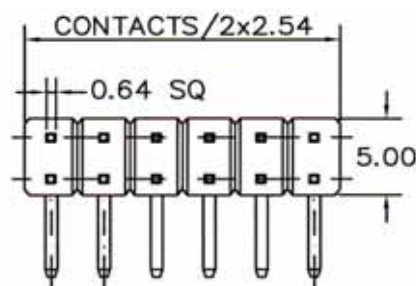
CODE: 2 5 4 $\frac{XXX}{1}$ - $\frac{A/B/C}{2}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B / $\frac{XX}{5}$

THEN WE WILL GIVE YOU

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

1. EXTERIOR CODE: "1D1"
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
002 through 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

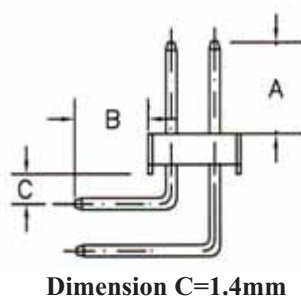
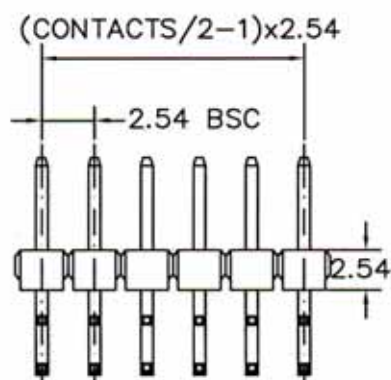
MATERIALS

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

1. TERMINAL CODE:
RN, RP, RQ, RR, RS, RT, LN, LR,
LT, MK, ML, MX, RC, RV, MY
2. NO. OF CONTACTS:
004 through 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

FOR SPECIAL TYPE GIVE US A CODE :

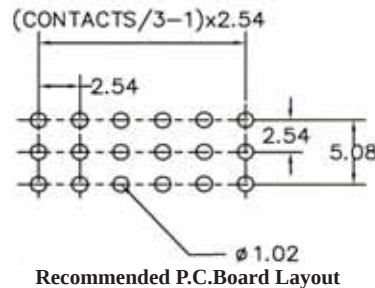
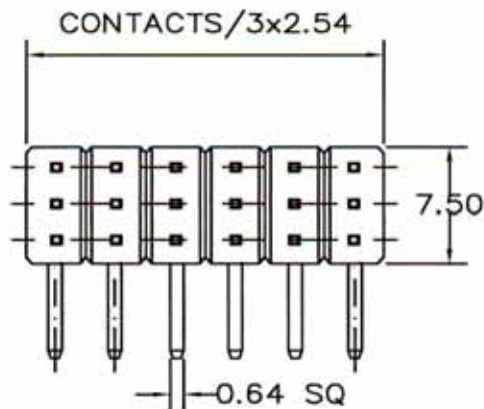
CODE: 2 6 0 $\frac{xxx}{1} - \frac{A/B/C}{2} - \frac{xxx}{3} \frac{x}{4} \frac{B}{5}$

THEN WE WILL GIVE YOU

PartN. P $\frac{xx}{yy} \frac{xx}{mm} \frac{xx}{dd} x - \frac{xxx}{3} \frac{x}{4} \frac{B}{4}$

1. EXTERIOR CODE: "2D1" DOUBLE ROW R/A
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 through 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 RIGHT ANGLE TYPE PROFILE=2.54MM

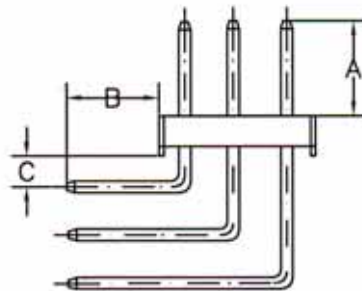
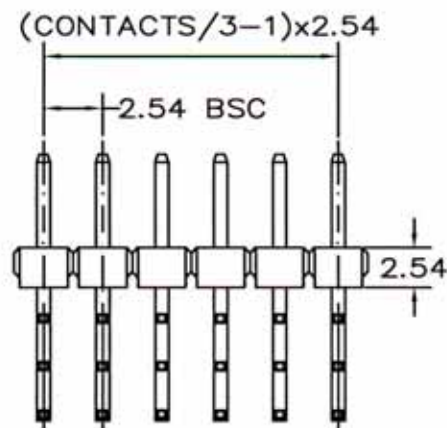


SPECIFICATIONS

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:

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

1. TERMINAL CODE:

"RW" A / B / C = 6.0 / 3.0 / 1.5 MM
 "RX" A / B / C = 10.0 / 2.8 / 1.5 MM
 "RY" A / B / C = 3.3 / 3.5 / 1.5 MM

2. NO. OF CONTACTS:

009 through 120

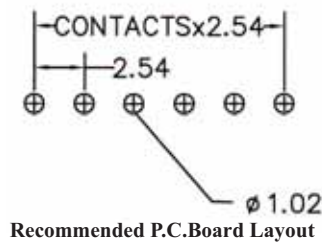
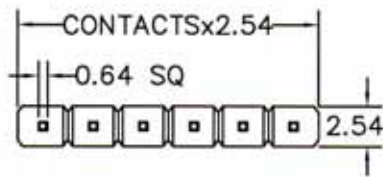
3. CONTACT FINISH:

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

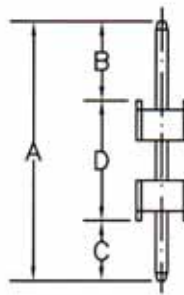
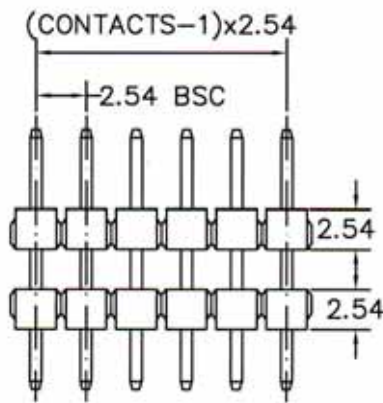
4. INSULATOR MATERIAL:

" " 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: 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
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

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
2. NO. OF CONTACTS:
002 through 040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

FOR SPECIAL TYPE GIVE US A CODE :

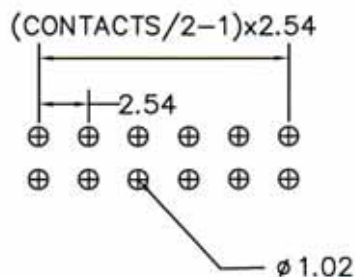
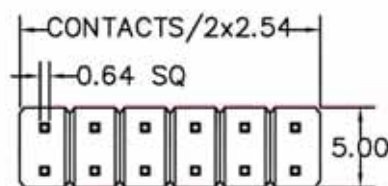
CODE: 2 5 4 $\frac{XXX}{1} - \frac{A/B/C/D}{2} - \frac{XXX}{3} \frac{X}{4} B / \frac{XX}{5}$

THEN WE WILL GIVE YOU

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

1. EXTERIOR CODE: "1S3" SINGLE ROW STRAIGHT
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
002 through 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



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

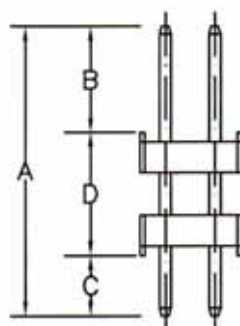
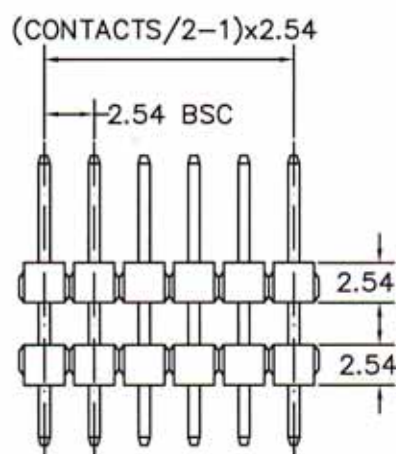
Contact Material: Copper Alloy

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.



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

ORDERING INFORMATION:

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

1. TERMINAL CODE:
HN, HP, HQ, HR, HS, HT, HU, HV, HW, HX, KT
2. NO. OF CONTACTS:
004 through 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

FOR SPECIAL TYPE GIVE US A CODE :

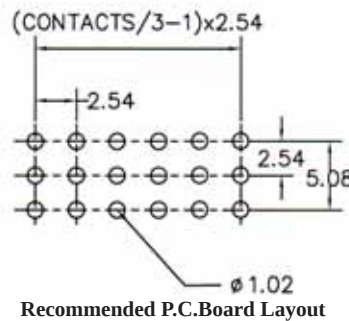
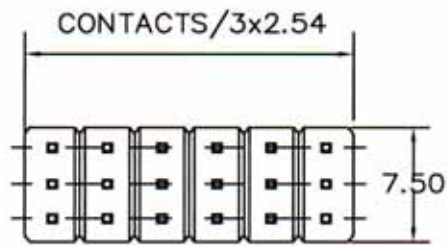
CODE: 2 6 0 $\frac{xxx}{1} - \frac{A/B/C/D}{2} - \frac{xxx}{3} \frac{x}{4} B / \frac{xx}{5}$

THEN WE WILL GIVE YOU

PartN. P $\frac{xx}{YY} \frac{xx}{MM} \frac{xx}{DD} x - \frac{xxx}{3} \frac{x}{4} B$

1. EXTERIOR CODE: "2S3" DOUBLE ROW STRAIGHT
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
004 through 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

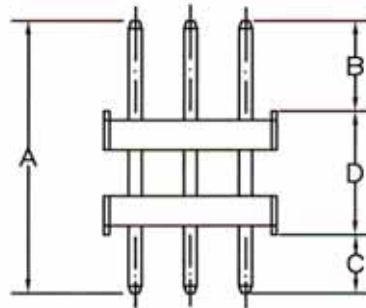
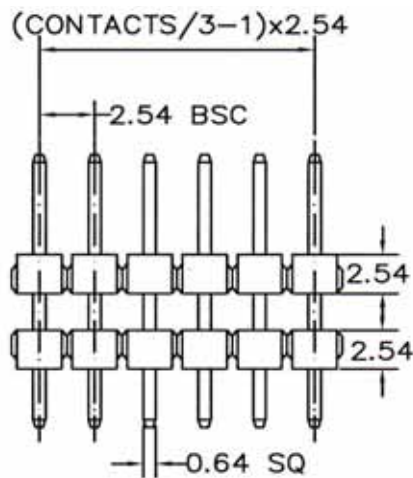


SPECIFICATIONS

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	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

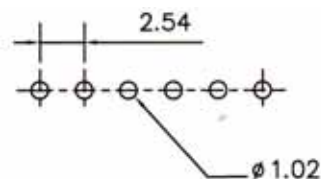
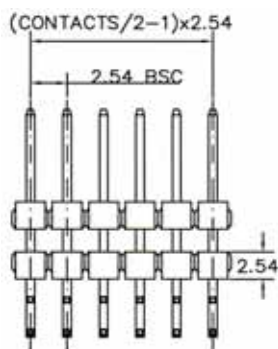
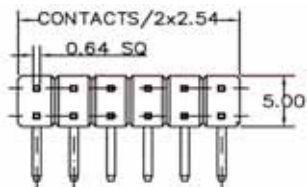
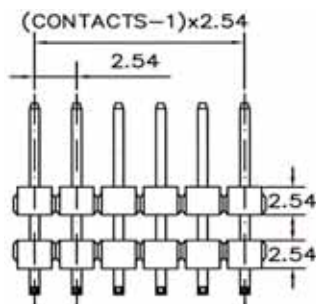
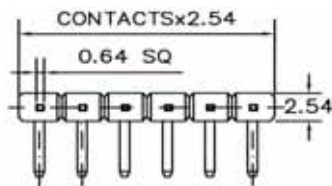
ORDERING INFORMATION:

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

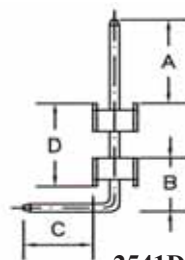
1. TERMINAL CODE:
LA, LB, LC, LD, LE, LF, LG, LH, LJ, LK
2. NO. OF CONTACTS:
006 through 120
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

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

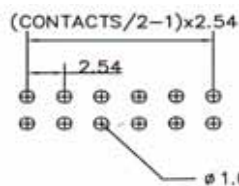
2.54MM(0.100") PIN HEADER RIGHT ANGLE TYPE PROFILE=2.54MM



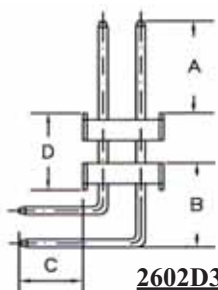
Recommended P.C.Board Layout



2541D3



Recommended P.C.Board Layout



2602D3

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 $\frac{XXX}{1}$ D 3- $\frac{A/B/C/D}{2}$ - $\frac{XXXX}{3}$ $\frac{B}{4}$ / $\frac{XX}{5}$

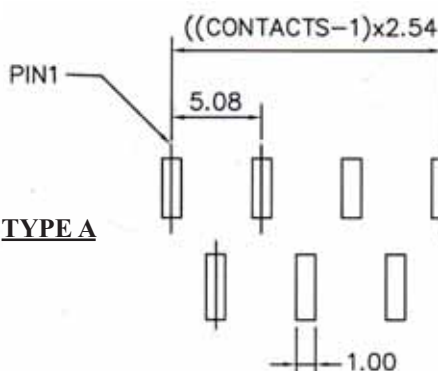
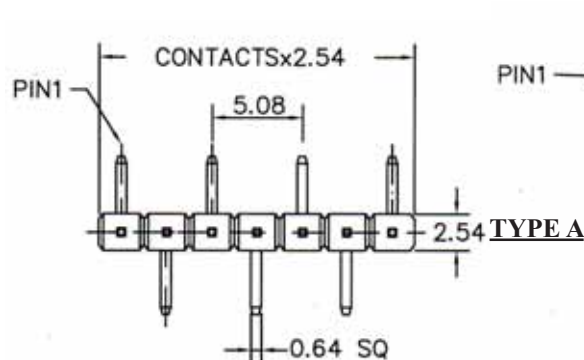
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

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

1. EXTERIOR CODE:
"541" SINGLE ROW
"602" DOUBLE ROW
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:
002 through 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 SMT TYPE PROFILE=2.54MM



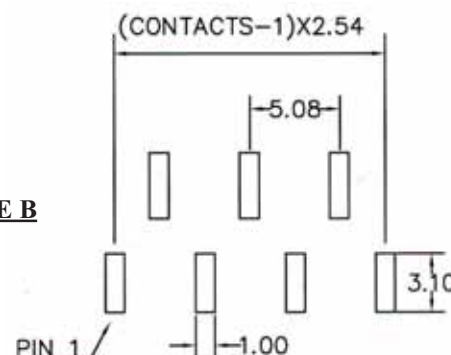
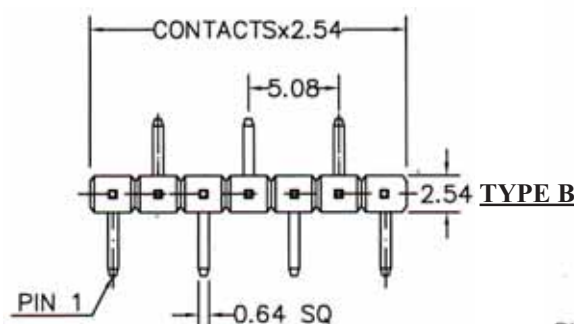
SPECIFICATIONS

Current Rating: 3.0 Amp
Dielectric Withstanding: 1000V AC
Insulation Resistance: 1000MΩ Min
Contact Resistance: 20mΩ Max.
Operating Temperature: -55°C to + 105°C

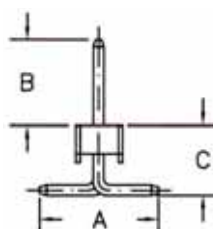
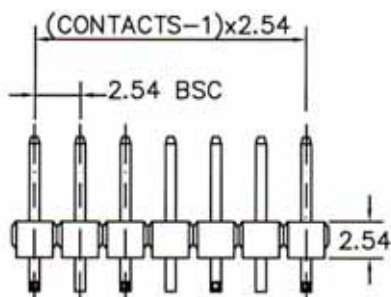
MATERIALS

Insulation Material: Nylon 6T, UL 94V-0
Contact Material: Copper Alloy
All materials must be RoHS compliant.

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 - $\frac{x}{4}$

1. TERMINAL TYPE:
"SY" TYPE A & A/B/C=5.7/5.84/3.8mm
"SZ" TYPE A & A/B/C=4.83/5.84/3.5mm
"XP" TYPE B & A/B/C= 5.7/5.84/3.8mm
"XQ" TYPE B & A/B/C= 4.83/5.84/3.5mm
2. NO. OF CONTACTS:
002 through 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 TPAAE & REEL

NOTE: PAD = Pick & Place Pad

FOR SPECIAL TYPE GIVE US A CODE :

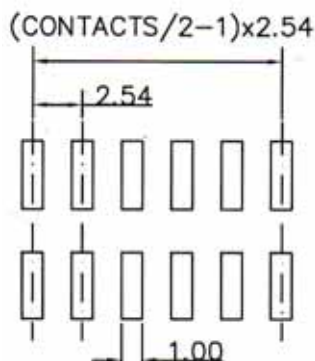
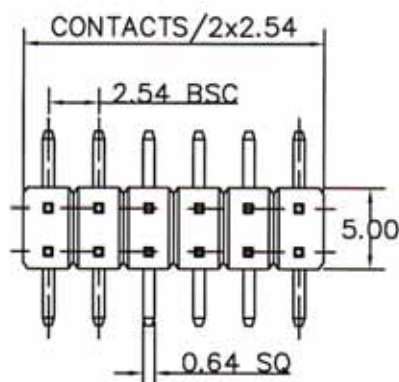
CODE: 2 5 4 $\frac{xxx}{1}$ - $\frac{A/B/C}{2}$ - $\frac{xxx}{3}$ $\frac{x}{4}$ B - $\frac{x}{5}$ $\frac{x}{6}$

THEN WE WILL GIVE YOU

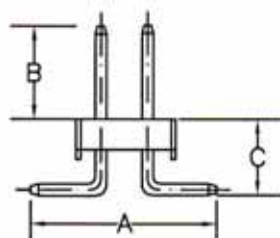
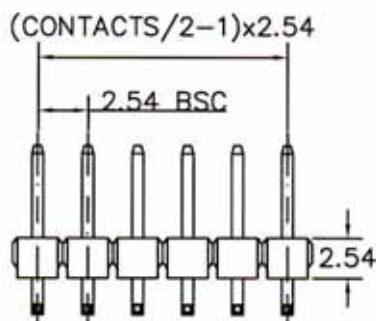
PartN. P $\frac{xx}{YY}$ $\frac{xx}{MM}$ $\frac{xx}{DD}$ - $\frac{xxx}{3}$ $\frac{x}{4}$ B

1. EXTERIOR CODE: "1M1" SINGLE ROW SMT TYPE
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
002 through 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 TPAAE & REEL

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



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: -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 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ 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 through 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

FOR SPECIAL TYPE GIVE US A CODE :

CODE: 2 6 0 $\frac{XXX}{1}$ - $\frac{A/B/C}{2}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B - $\frac{X}{5}$

THEN WE WILL GIVE YOU

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

1. EXTERIOR CODE: "2M1" DOUBLE ROW SMT

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

3. NO. OF CONTACTS:

004 through 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

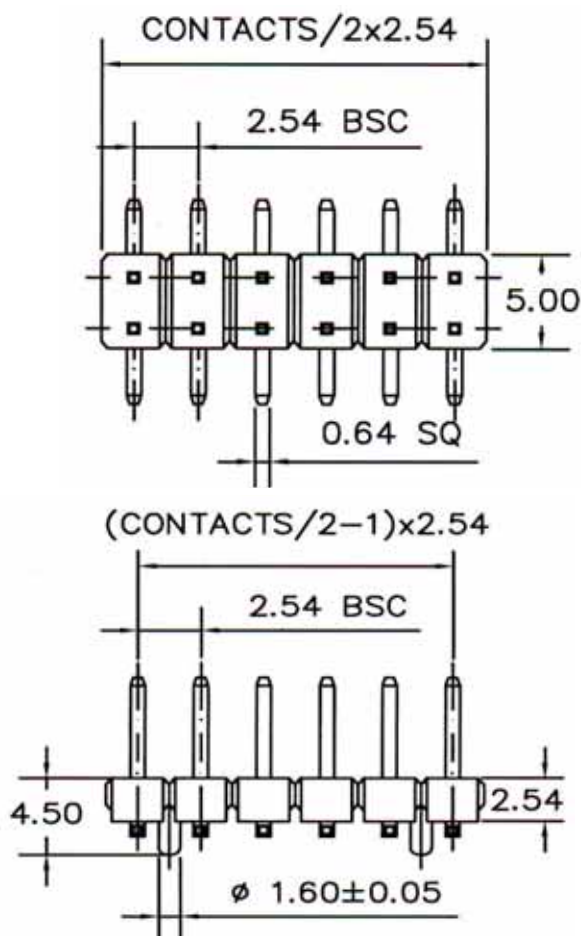
5. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TPAE & REEL

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



Terminal Code 1	Terminal Code 2	Dimensions(mm)		
		A	B	C
UR	K1	5.08	3.50	3.8
US	K2	5.08	4.80	3.8
UT	K3	5.08	6.10	3.8
UU	K4	5.08	6.90	3.8
UV	K5	5.08	9.90	3.8

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

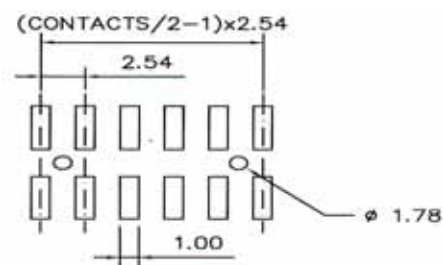
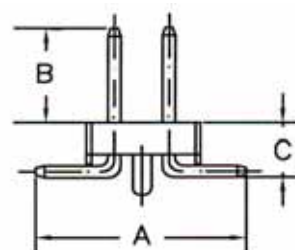
MATERIALS

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.



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. TERMINAL CODE:
W/O LOCATING PEG: UR, US, UT, UU, UV
WITH LOCATING PEG: K1, K2, K3, K4, K5
2. NO. OF CONTACTS:
004 through 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

FOR SPECIAL TYPE GIVE US A CODE :

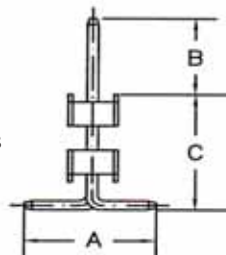
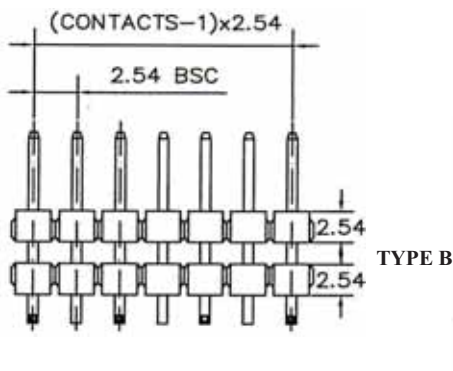
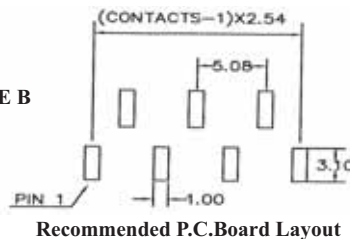
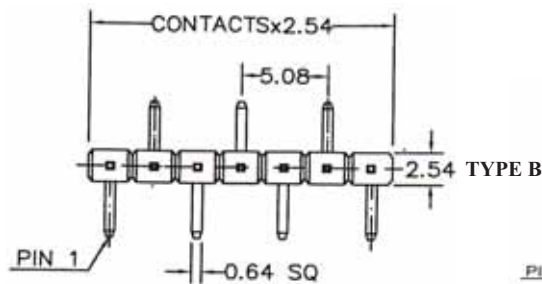
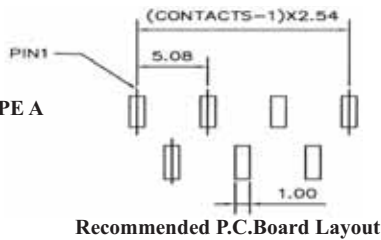
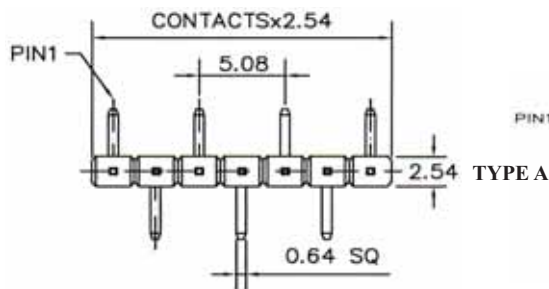
CODE: 2 6 0 $\frac{xxx}{1}$ - $\frac{A/B/C}{2}$ - $\frac{xxx}{3}$ $\frac{x}{4}$ B - $\frac{x}{5}$

THEN WE WILL GIVE YOU

PartN. P $\frac{xx}{YY}$ $\frac{xx}{MM}$ $\frac{xx}{DD}$ x - $\frac{xxx}{3}$ $\frac{x}{4}$ B

1. EXTERIOR CODE: "2M3" WITH LOCATING PEG
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 through 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

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.

Terminal Code 1	Terminal Code 2	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

ORDERING INFORMATION:

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

1. TERMINAL CODE:
 TYPE A: B12, B13, B14, B15
 TYPE B: B24, B25, B26, B27
2. NO. OF CONTACTS:
 002 through 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

FOR SPECIAL TYPE GIVE US A CODE :

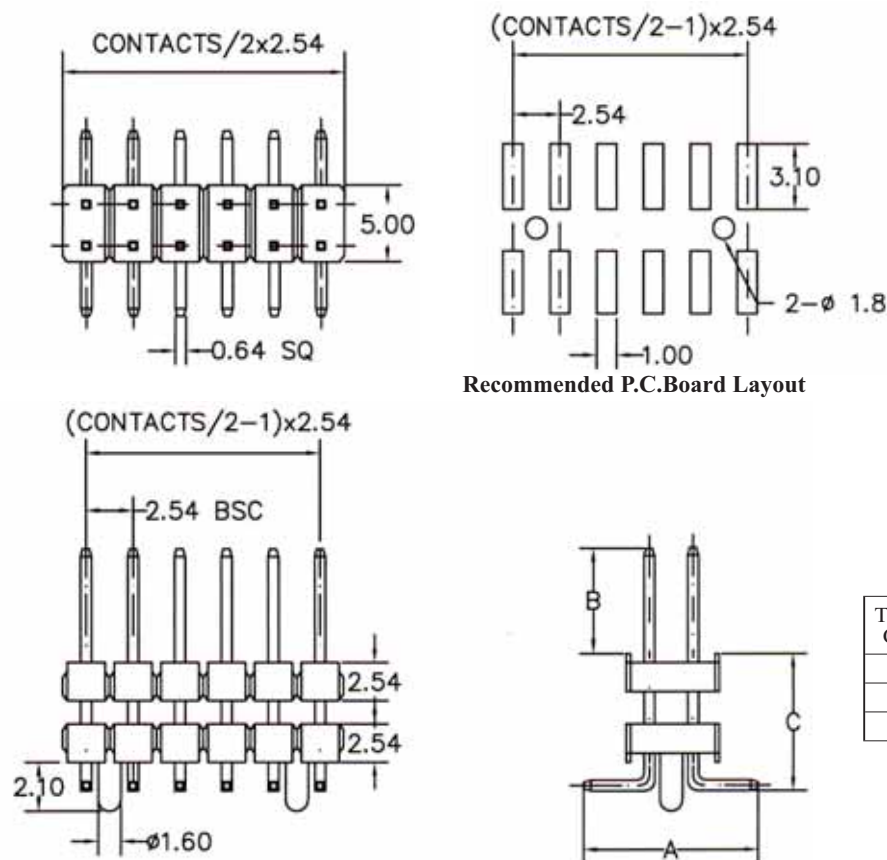
CODE: 2 5 4 x x x - A/B/C - x x x x B - x x
 1 2 3 4 5 6

THEN WE WILL GIVE YOU

PartN. P x x x x x x x - x x x x B
 Y Y M M D D 3 4

1. EXTERIOR CODE: "1M5" SINGLE ROW SMT
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
 002 through 040
4. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED
5. PCB LAYOUT TYPE: "A" or "B"
6. PAD & PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

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.

Terminal Code 1	Terminal Code 2	Dimensions(mm)		
		B	A	C
B36	B45	3.50	7.50	8.77
B37	B46	4.80	7.50	8.27
B38	B47	6.50	7.50	11.07

ORDERING INFORMATION:

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

1. TERMINAL CODE:
W/O LOCATING PEG:
B36, B37, B38
WITH LOCATING PEG:
B45, B46, B47
2. NO. OF CONTACTS:
004 through 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

FOR SPECIAL TYPE GIVE US A CODE :

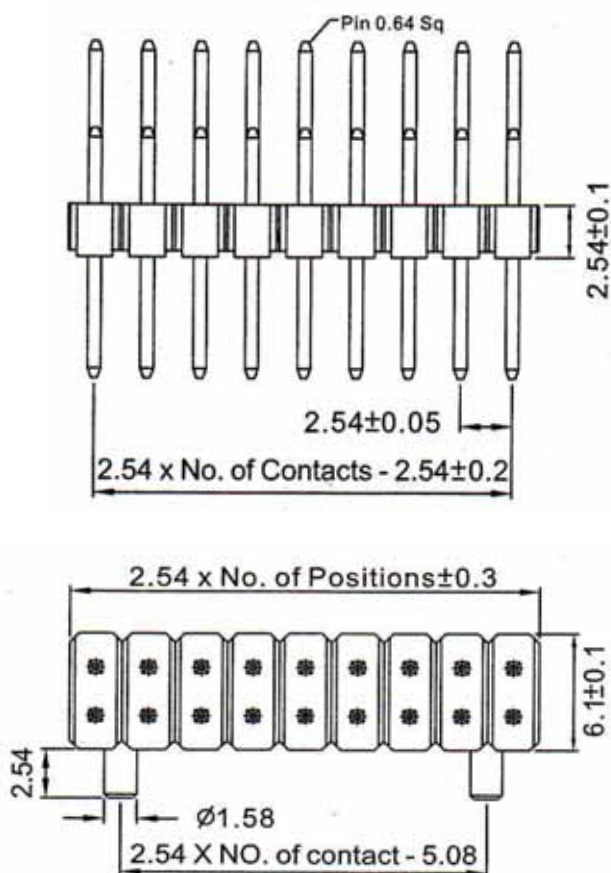
CODE: 2 6 0 xxx - A/B/C - xxx x B - x
1 2 3 4 5

THEN WE WILL GIVE YOU

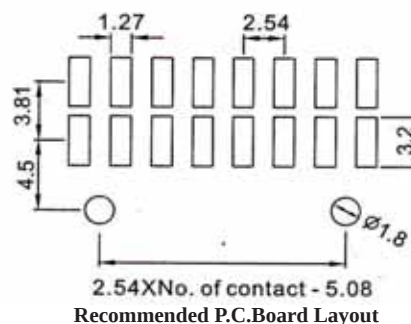
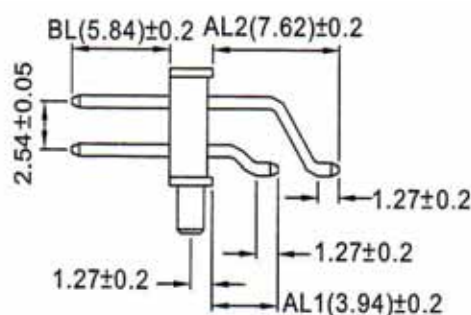
PartN. P xx xx xx x - xxx x B
YY MM DD 3 4

1. EXTERIOR CODE:
"2M5" W/O LOCATING PEG
"2M7" WITH LOCATING PEG
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:
004 through 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

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



Terminal Code 1	Terminal Code 2	Dimensions(mm)	
		AL	BL
G73	G77	7.62	3.05
G74	G78	7.62	5.84
G75	G79	7.62	8.13
G76	G80	7.62	10.67



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 G x x - x x x x B - x
 1 2 3 4

1. TERMINAL CODE:

W/O LOCATING PEG:

G73, G74, G75, G76

WITH LOCATING PEG:

G77, G78, G79, G80

2. NO. OF CONTACTS:

004 through 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

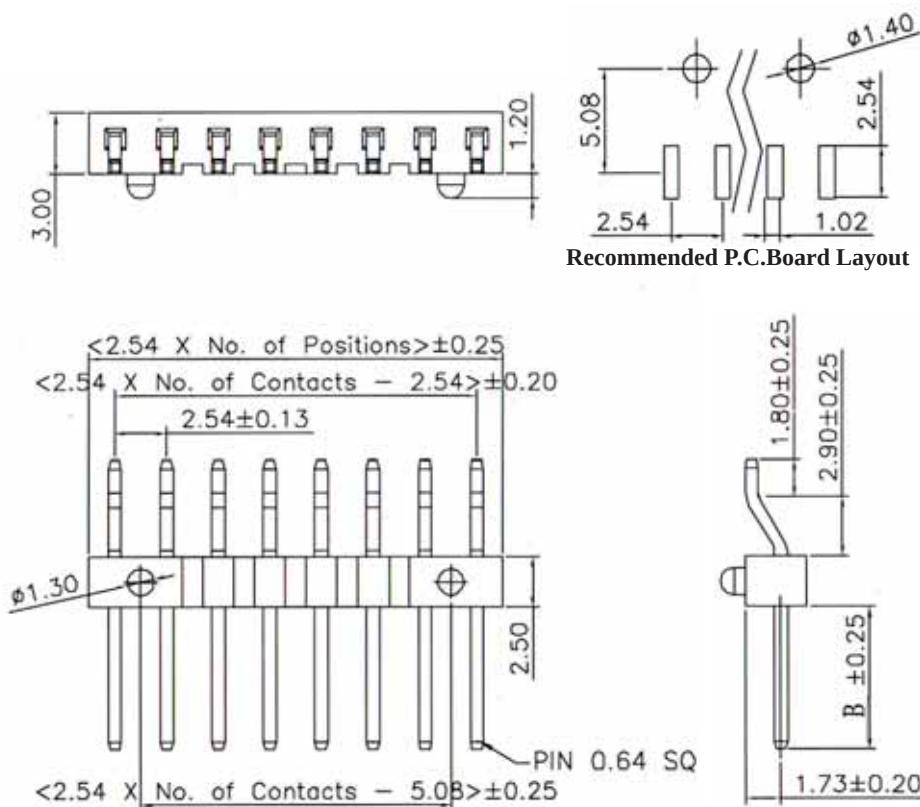
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= Pick & Place Pad

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



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 through 030

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

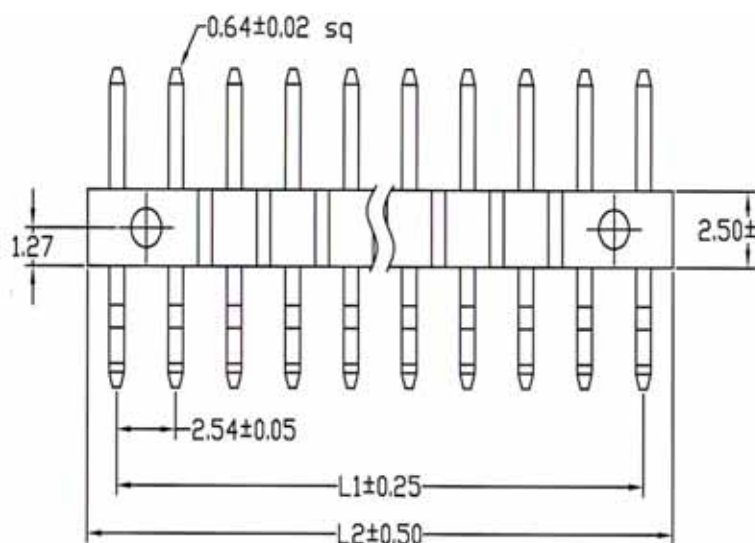
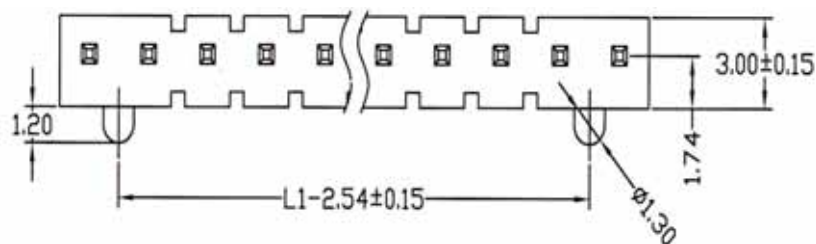
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TPAAE & REEL

NOTE: PAD = Pick & Place Pad

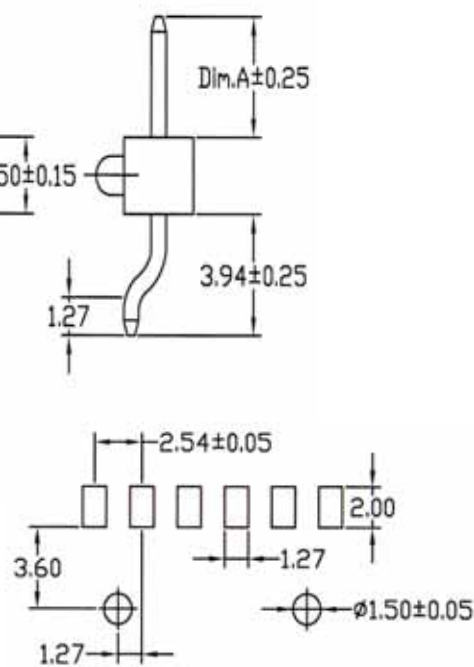
2.54MM(0.100") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.54MM



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 - $\frac{A}{2}$ - $\frac{x}{3}$ $\frac{x}{4}$ 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 - $\frac{x}{3}$ $\frac{x}{4}$ B

1. EXTERIOR CODE:

"1J4" SINGLE ROW SMT TYPE

2. DIMENSION A (UNIT: mm)

3. NO. OF CONTACTS:

004 through 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

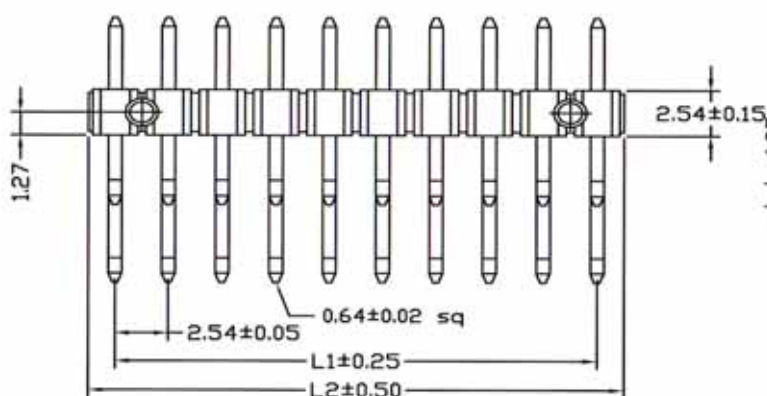
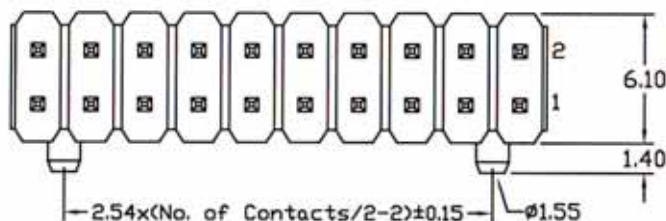
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

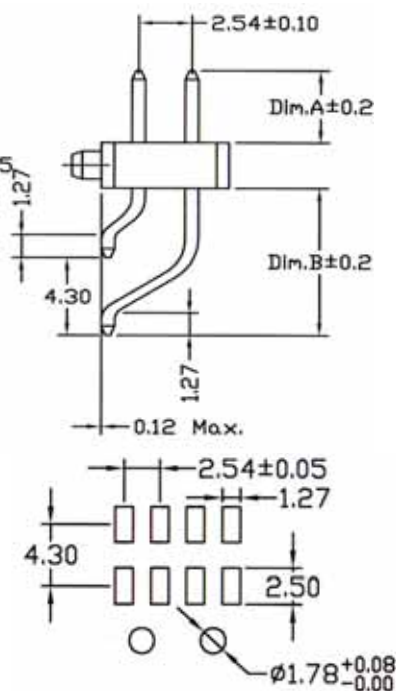
2.54MM(0.100") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.54MM



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: $\frac{2}{1} \frac{6}{2} \frac{5}{3} \frac{J}{4} \frac{x}{5} - \frac{A/B}{2} - \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{B}{4} - \frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N $\frac{P}{YY} \frac{x}{MM} \frac{x}{DD} \frac{x}{DD} \frac{x}{DD} \frac{x}{DD} - \frac{x}{3} \frac{x}{4} \frac{x}{4} \frac{B}{4}$

1. EXTERIOR CODE:

"2J1" W/O LOCATING PEG

"2J2" WITH LOCATING PEG

2. DIMENSION A/B (UNIT: mm)

3. NO. OF CONTACTS:

008 through 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

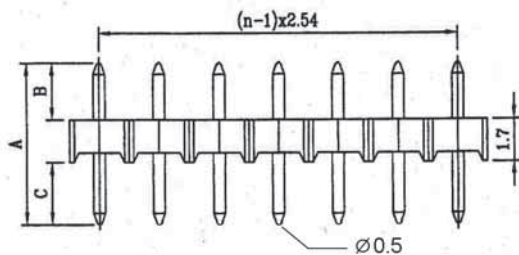
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

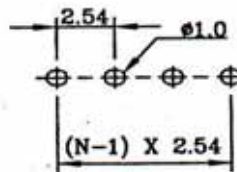
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

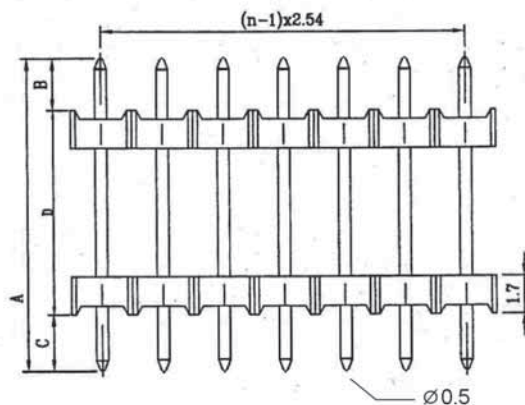
2.54MM(0.100") PIN HEADER WITH 0.5MM ROUND CONTACTS PROFILE=1.70MM



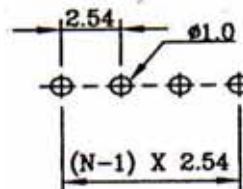
SINGLE BODY TYPE



Recommended P.C.Board Layout



DOUBLE BODY 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.

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:

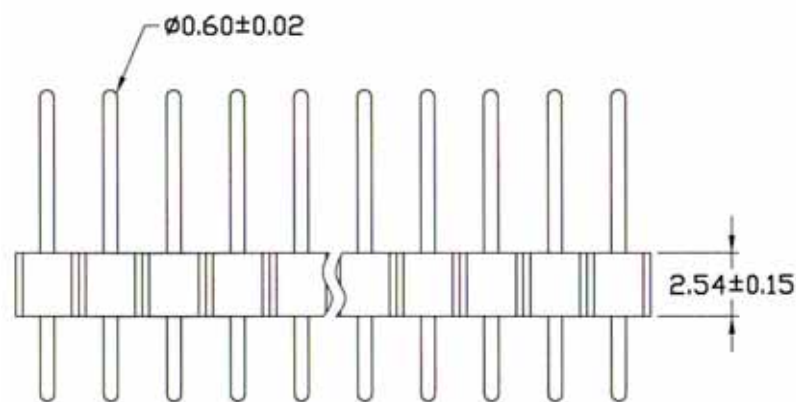
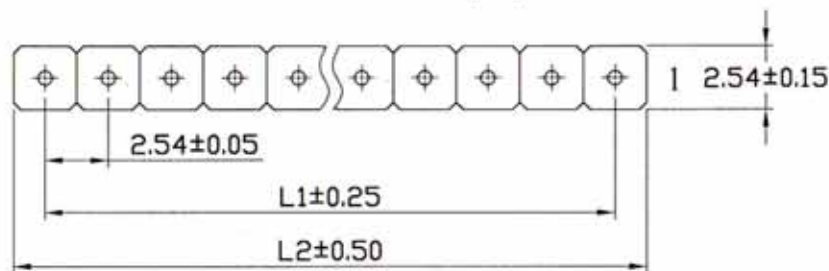
002 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER SINGLE ROW WITH 0.60MM ROUND CONTACTS



DIMENSIONS:

L1 = 2.54 x No. of Contacts/Row-2.54

L2 = 2.54 x No. of Contacts/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

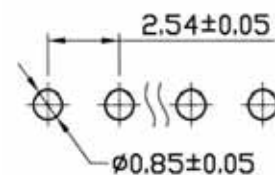
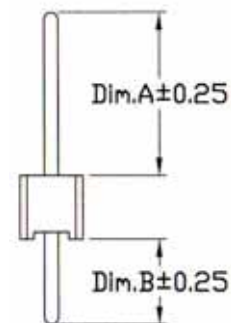
Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

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

P.B.T or Nylon-6T

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

CODE: $\frac{2}{1} \frac{5}{2} \frac{9}{3} \frac{1}{4} \frac{S}{5} \frac{1}{B} - \frac{A}{B} - \frac{x}{3} \frac{x}{4} \frac{x}{B} / \frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N $\frac{P}{YY} \frac{x}{MM} \frac{x}{DD} x - \frac{x}{3} \frac{x}{4} \frac{x}{B}$

1. EXTERIOR CODE

"1S1" ROUND TERMINAL

2. DIMENSION A/B (UNIT: mm)

3. NO. OF CONTACTS:

001 through 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

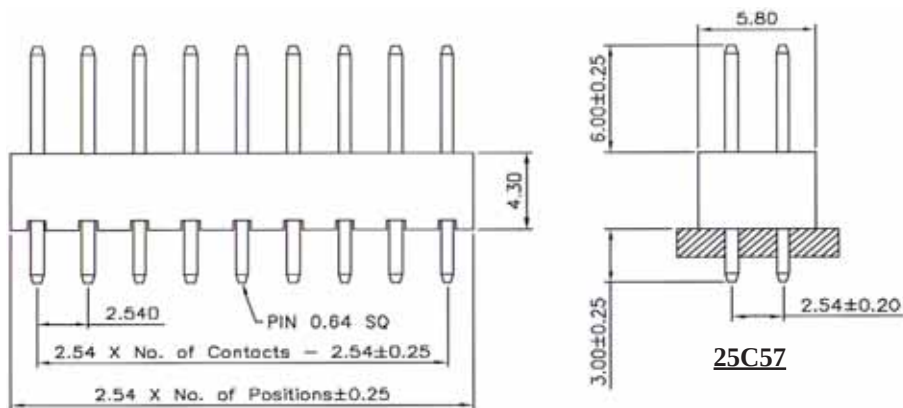
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

2.54MM(0.100") PIN HEADER DOUBLE ROW DIP TYPE PROFILE=4.30MM

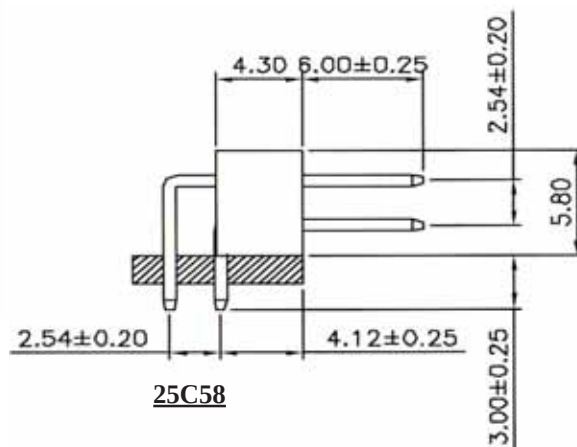
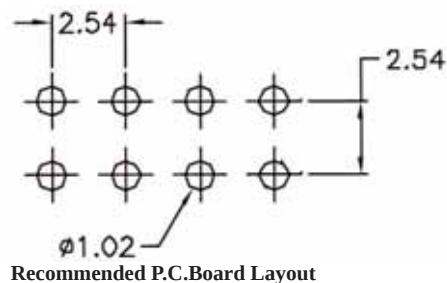
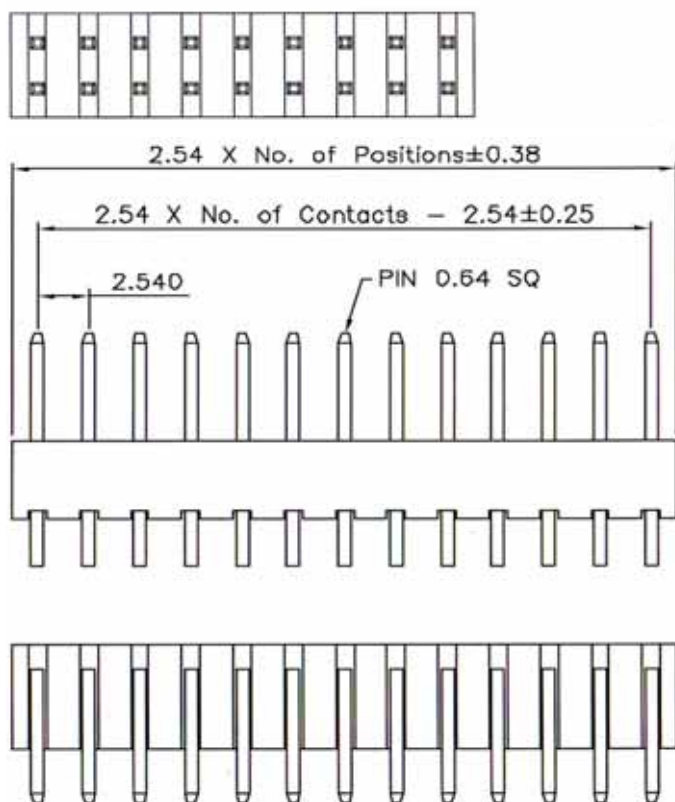


SPECIFICATIONS

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.



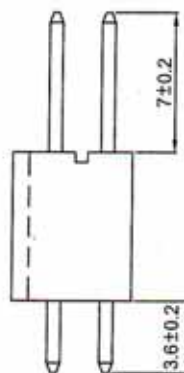
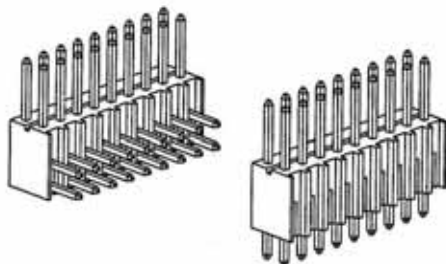
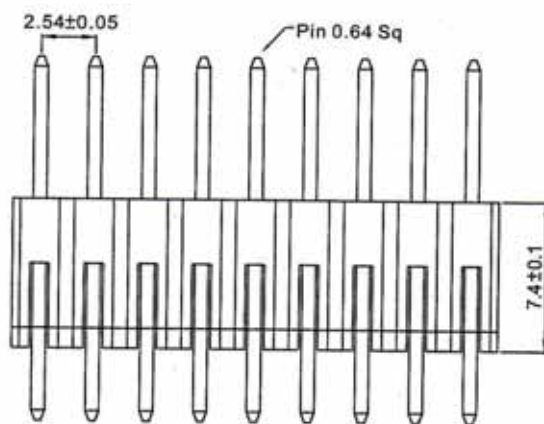
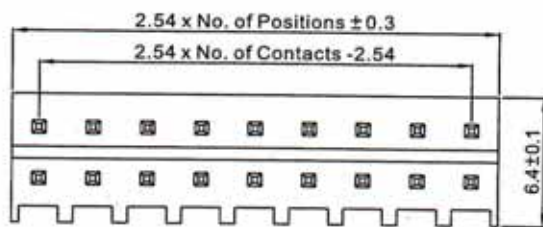
ORDERING INFORMATION:

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

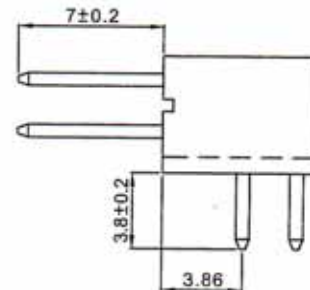
1. CONNECTOR TYPE:
 "C57" STRAIGHT TYPE
 "C58" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
 008 through 080
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED

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

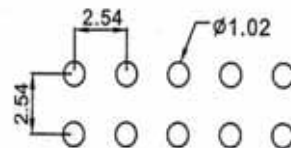
2.54MM(0.100") PIN HEADER DOUBLE ROW DIP TYPE PROFILE=7.40MM



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

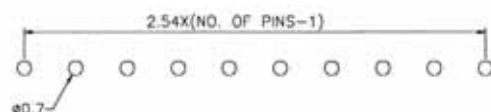
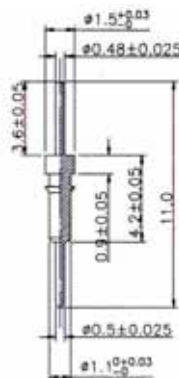
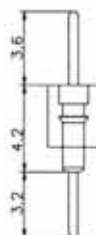
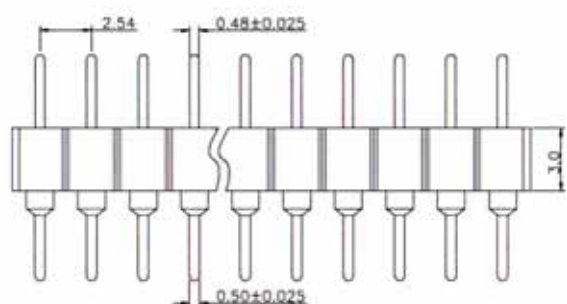
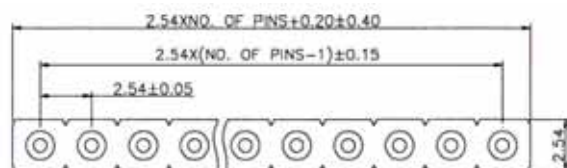
All materials must be RoHS compliant.

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 through 080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS



Recommended P.C.Board Layout

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 3 - x x x x B
1 2 3

1. NO. OF ROWS:

"M23" SINGLE ROW

2. NO. OF CONTACTS:

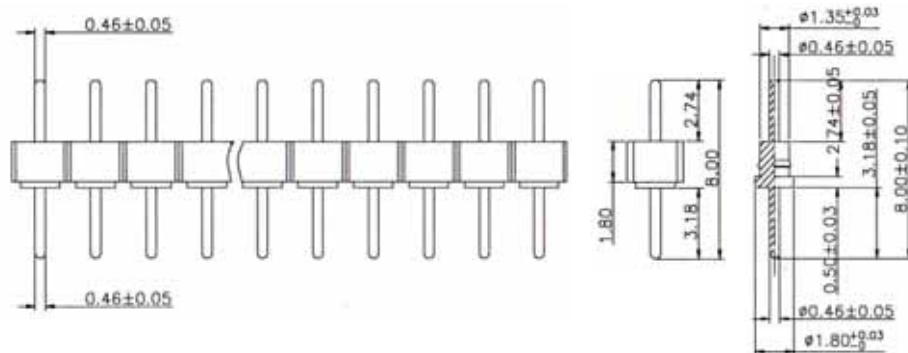
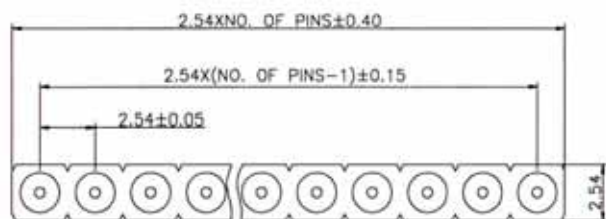
002 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED (STANDARD)

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER 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 4 - x x x x B
1 2 3

1. NO. OF ROWS:

"M24" SINGLE ROW

2. NO. OF CONTACTS:

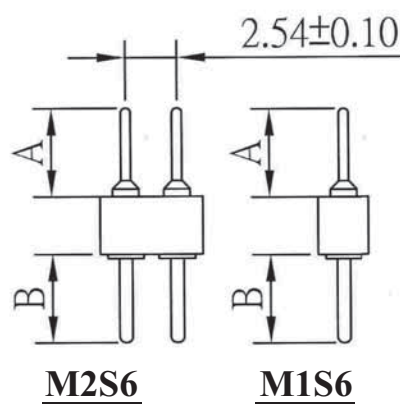
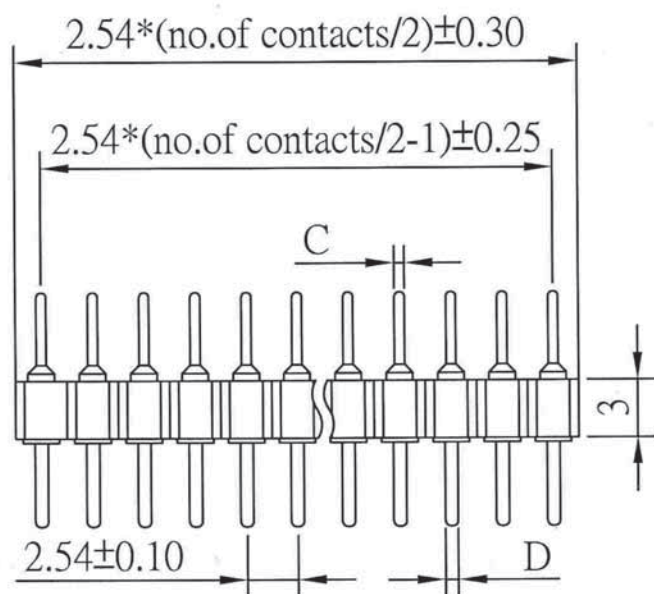
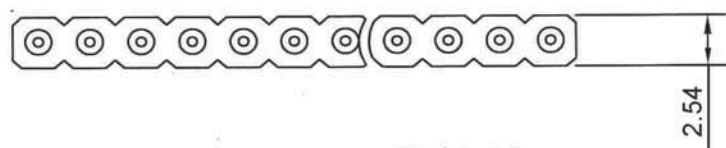
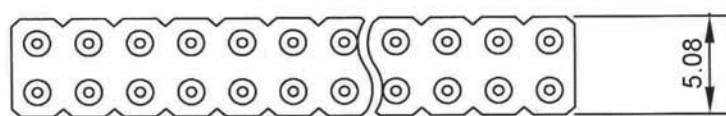
002 through 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED (STANDARD)

"T" FULL TIN PLATED

2.54MM(0.100") PIN HEADER WITH SCREW MACHINED CONTACTS



SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 1000V AC

Insulation Resistance: 5000MΩ Min

Contact Resistance: 20mΩ Max.

Operating Temperature: -55°C to + 175°C

MATERIALS

Insulation Material: PPS, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.

ORDERING INFORMATION:

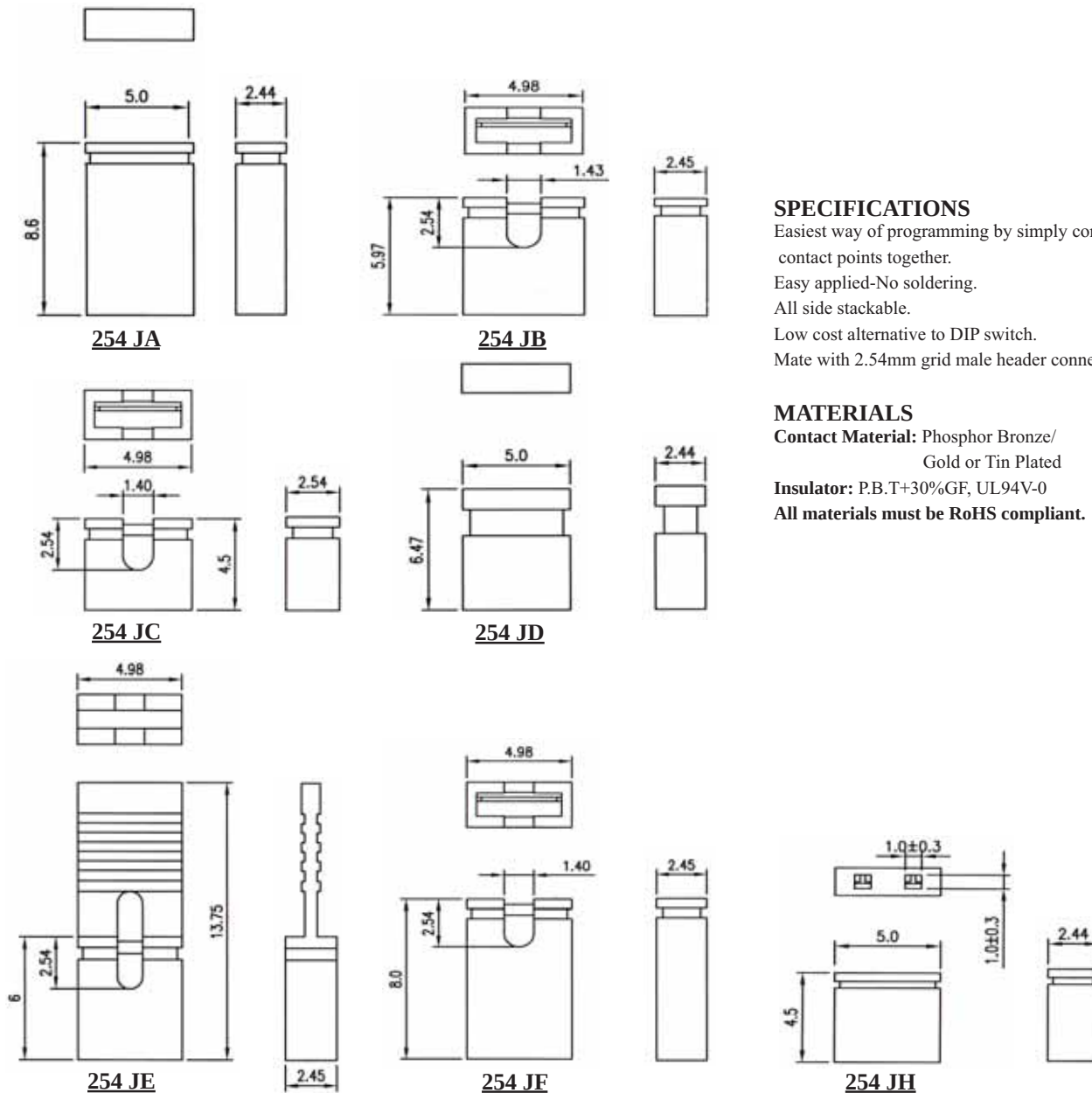
CODE: 2 5 M $\frac{xxx}{1}$ - $\frac{A/B/C/D}{2}$ - $\frac{xxx}{3}$ $\frac{x}{4}$ B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{xxx}{YY}$ $\frac{xxx}{MM}$ $\frac{xxx}{DD}$ x - $\frac{xxx}{2}$ $\frac{x}{3}$ B

1. EXTERIOR CODE:
"1S6" SINGLE ROW
"2S6" DOUBLE ROW
2. DIMENSION A/B/C/D (Unit:mm)
C= Φ0.50mm (STANDARD)
D= Φ0.48mm (STANDARD)
3. NO. OF CONTACTS:
004 through 080
4. CONTACT FINISH:
"G" FULL GOLD PLATED
"T" FULL TIN PLATED

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 $\frac{x}{1}$ - 0 0 2 $\frac{x}{2}$ $\frac{x}{3}$

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

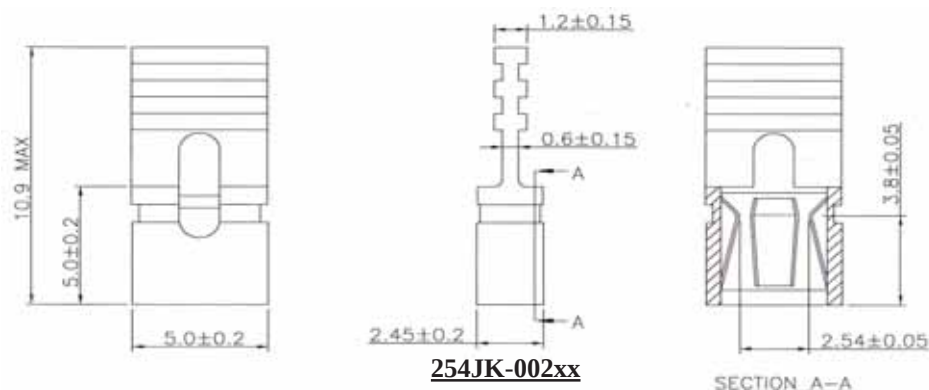
2. CONTACT FINISH:

"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

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.

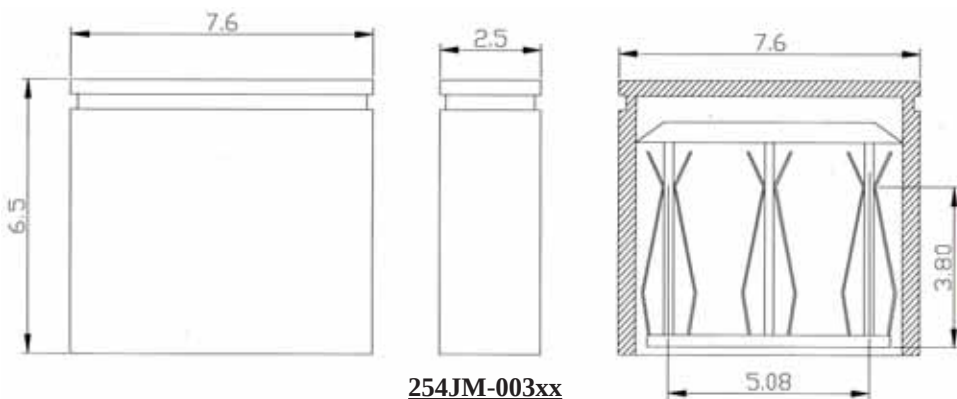
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Polyester, UL 94V-0
P.B.T or Nylon 66

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



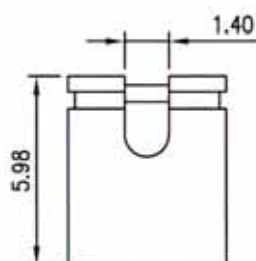
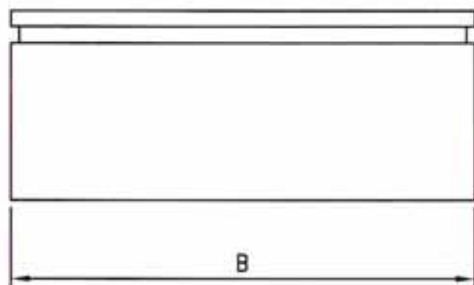
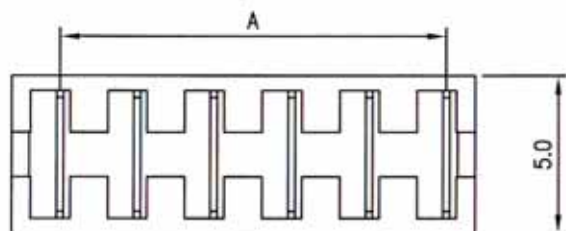
ORDERING INFORMATION:

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

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

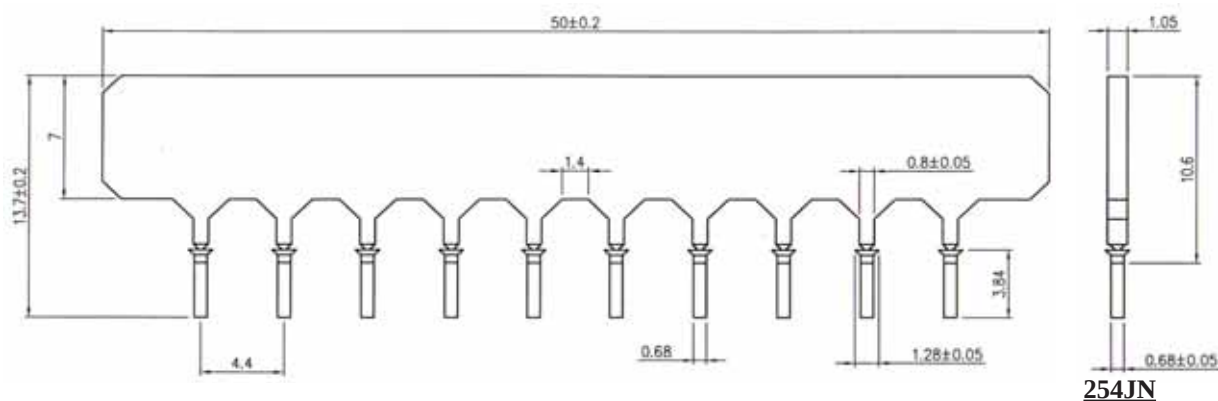
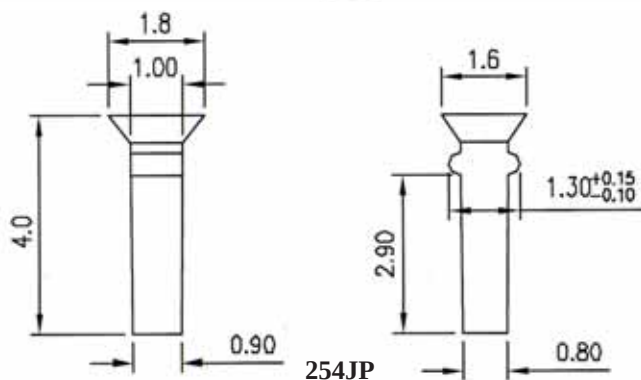
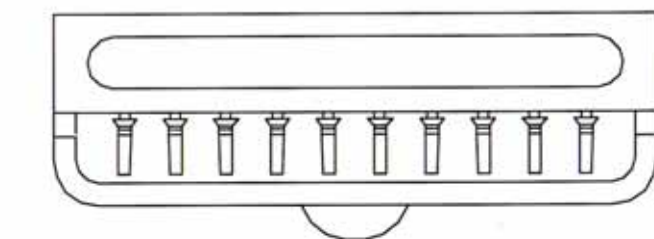
ORDERING INFORMATION:

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 through 020
3. CONTACT FINISH:
"G" FULL GOLD PLATED

4. INSULATOR COLOR:
"B" BLACK (STANDARD)
"R" RED
"N" GREEN
"U" BLUE
"Y" YELLOW
"W" WHITE
"A" GRAY

2.54MM(0.100") PLUGGED KEY



MATERIALS

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

All materials must be RoHS compliant.

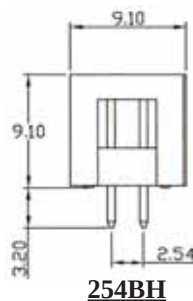
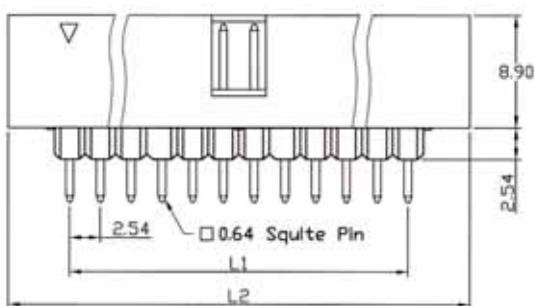
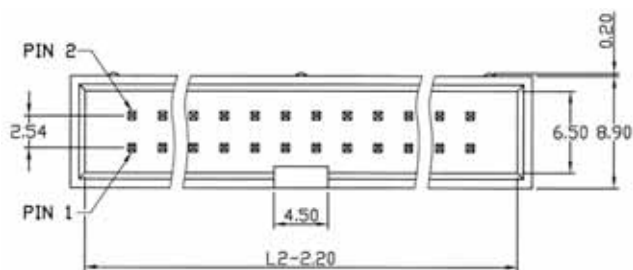
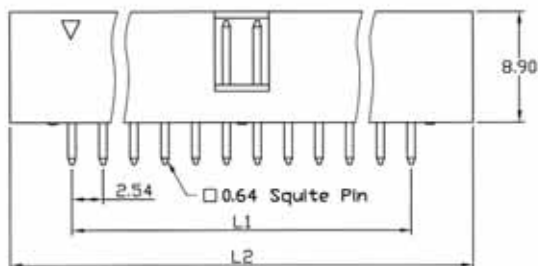
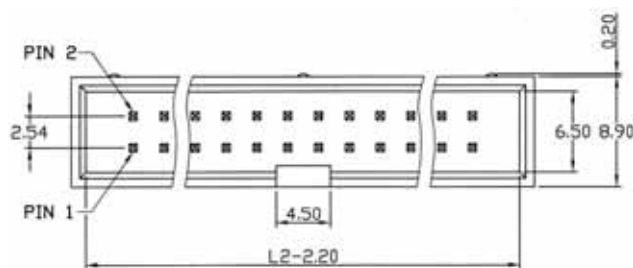
ORDERING INFORMATION:

PLUGGED KEY:

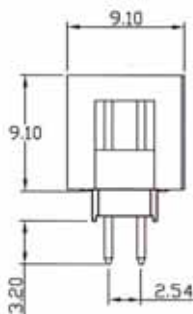
P/N 2 5 4 $\frac{x}{1}$ - $\frac{010}{2}$ P $\frac{x}{3}$

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") BOX HEADER STRAIGHT TYPE



254BH



254EU

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

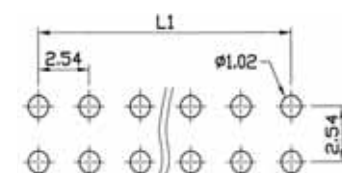
Contact Material: Copper Alloy

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

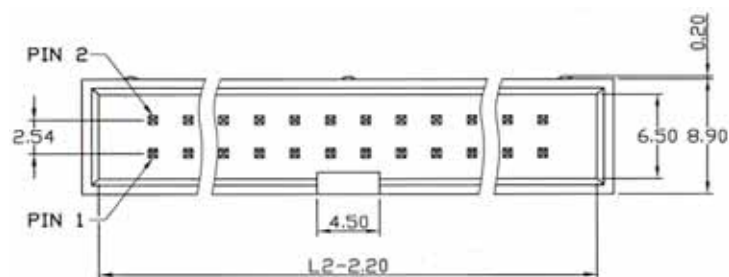
ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{xx}{34}$ / $\frac{xx}{5}$

- ELEVATED HEIGHT:
"BH" W/O ELEVATION
"EU" WITH ELEVATION
- 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") ELEVATED BOX 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

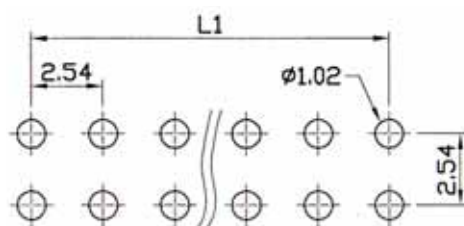
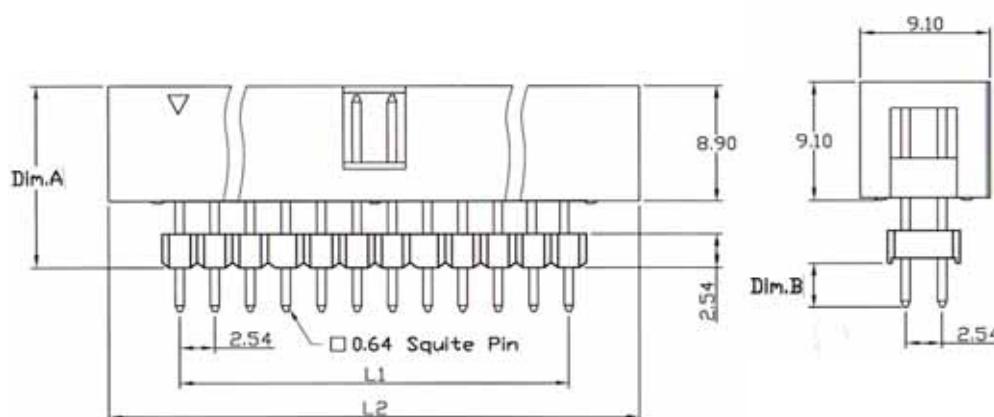
Contact Material: Copper Alloy

Contact Plating: Gold / Tin over Nickel

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

P.B.T 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

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

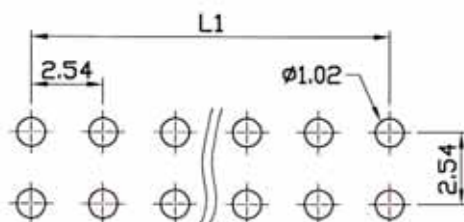
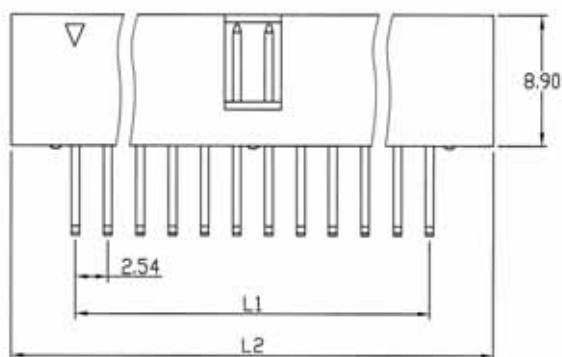
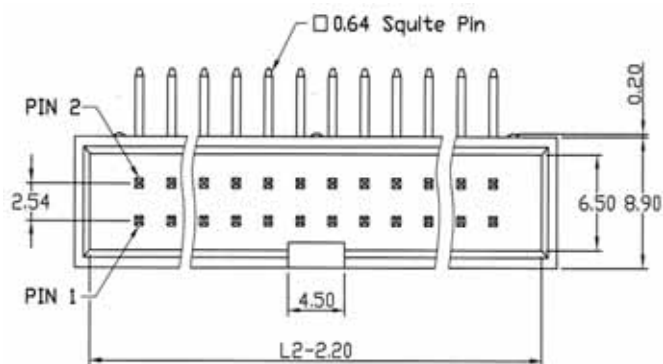
"W" WHITE

5. INSULATOR MATERIAL:

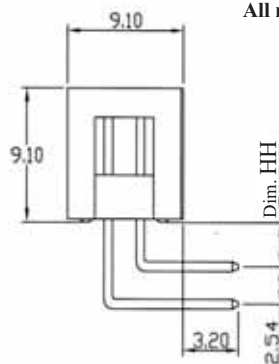
" " PBT

"6T" NYLON 6T

2.54MM(0.100") 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 - $\frac{HH}{1}$ - $\frac{xxx}{2}$ $\frac{xx}{3}$ $\frac{B}{4}$ / $\frac{xx}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

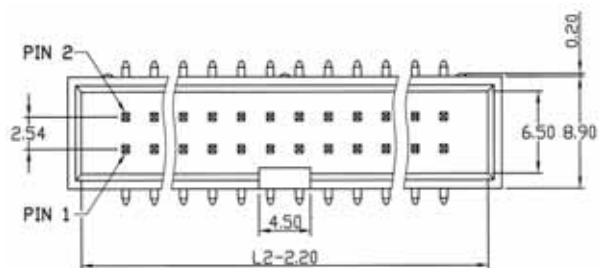
P/N P $\frac{xx}{YY}$ $\frac{xx}{MM}$ $\frac{xx}{DD}$ x - $\frac{xxx}{2}$ $\frac{xx}{3}$ $\frac{B}{4}$

1. DIMENSION AA (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)

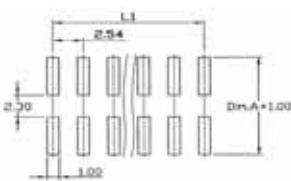
5. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

NOTE: **REVERSE** TYPE WITH OPPOSITE
POLARIZATION WINDOWS,
PLS USE **2682D6...** AS INITIAL CODE

2.54MM(0.100") BOX HEADER SMT TYPE



Recommended P.C.Board Layout



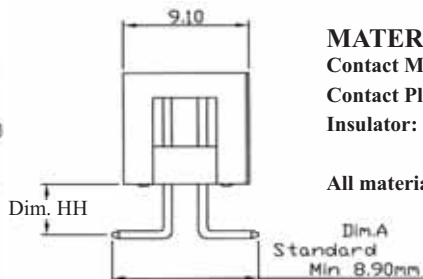
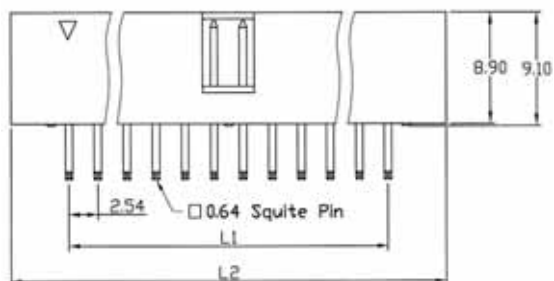
SPECIFICATIONS

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

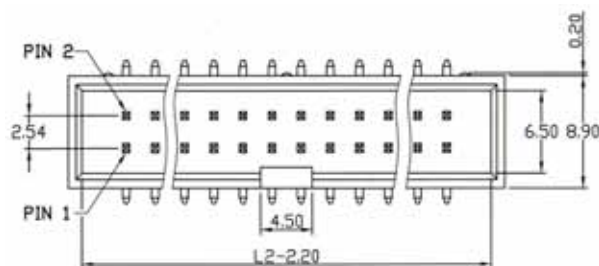
MATERIALS

Contact Material: Copper Alloy
Contact Plating: Gold / Tin over Nickel
Insulator: Glass Filled Polyester (UL 94V-0)
 Nylon-6T

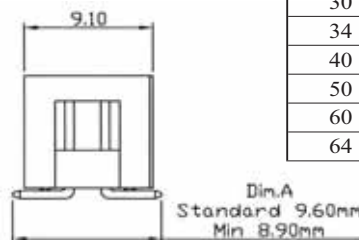
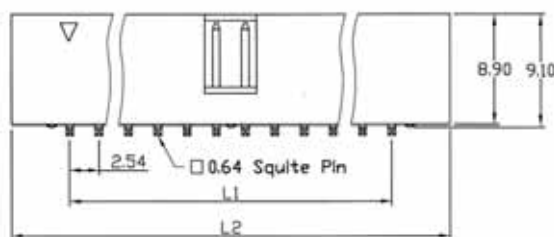
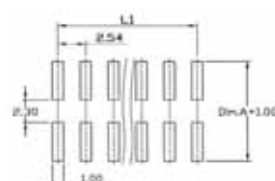
All materials must be RoHS compliant.



254BS, 254CN



Recommended P.C.Board Layout



254CV

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

1. CONNECTOR TYPE:

"BS" A=11.6mm, HH=1.9mm
 "CN" A=9.6mm, HH=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:

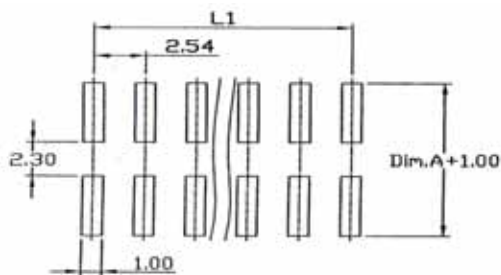
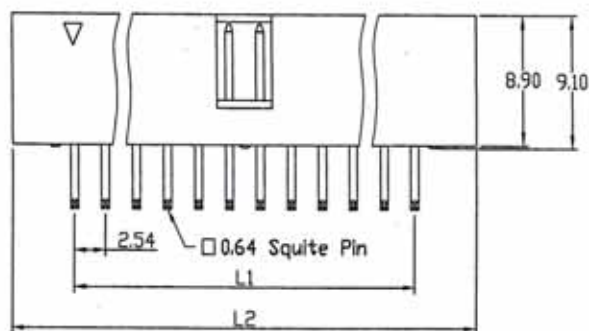
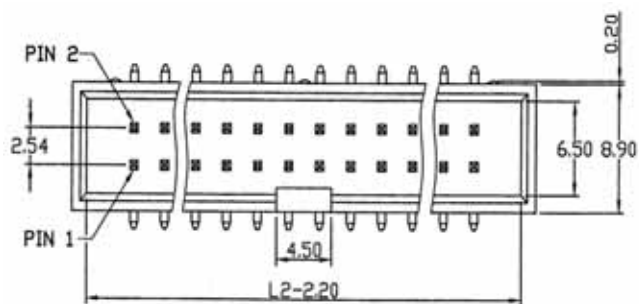
"B" BLACK(STANDARD)
 "A" GRAY

5. PAD & PACKAGE OPTION:

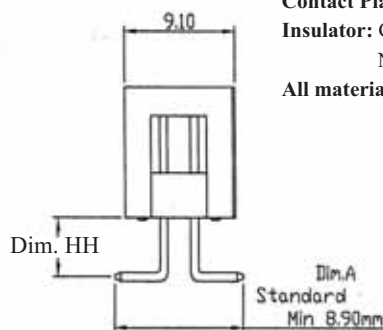
"0" BULK PACKAGE
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.54MM(0.100") 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 - $\frac{HH}{1}$ - $\frac{xx}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$ $\frac{B}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{xx}{YY}$ $\frac{xx}{MM}$ $\frac{xx}{DD}$ x - $\frac{xx}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$ $\frac{B}{5}$

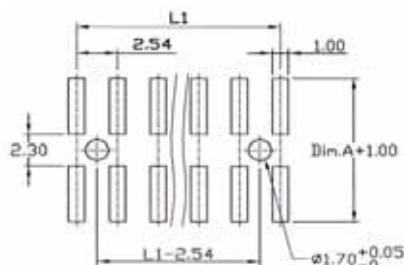
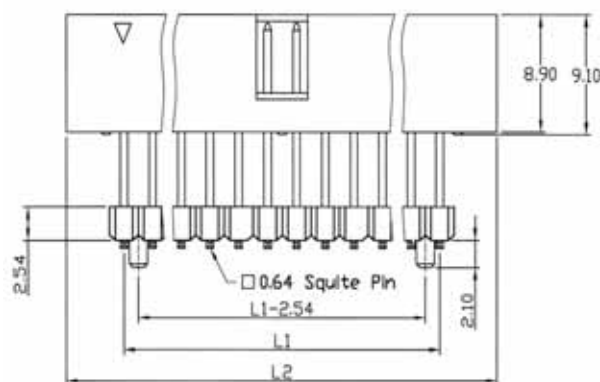
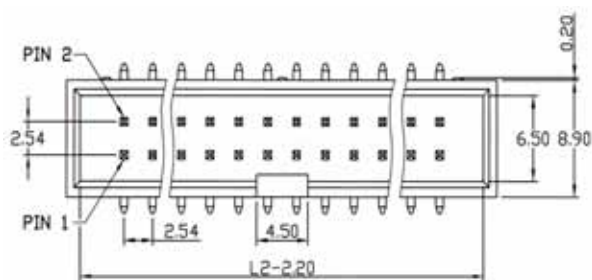
1. DIMENSION xx (UNIT: mm) (A= 9.60mm)
2. NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 050, 060, 064
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK (STANDARD)

5. PAD & PACKAGE OPTION:

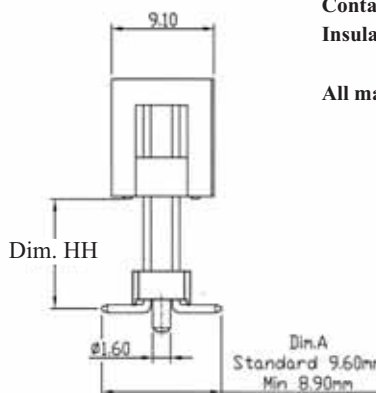
- "0" BULK PACKAGE
- "T" W/O PAD IN TUBE
- "P" WITH PAD IN TUBE
- "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.54MM(0.100") 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 x x x - HH - x x x x B - x
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 2 3 4

1. LOCATING PEG OPTION:

"2M4" W/O LOCATING PEG

"2M7" WITH LOCATING PEG

2. DIMENSION HH (UNIT: mm) (A = 9.60mm)

3. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024, 026,

030, 034, 040, 050, 060, 064

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. INSULATOR COLOR:

"B" BLACK (STANDARD)

6. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

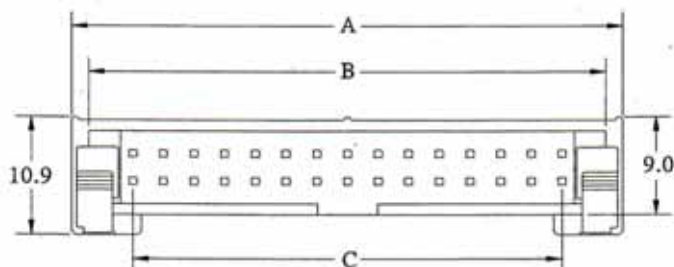
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.54MM(0.100") 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

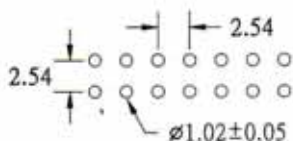
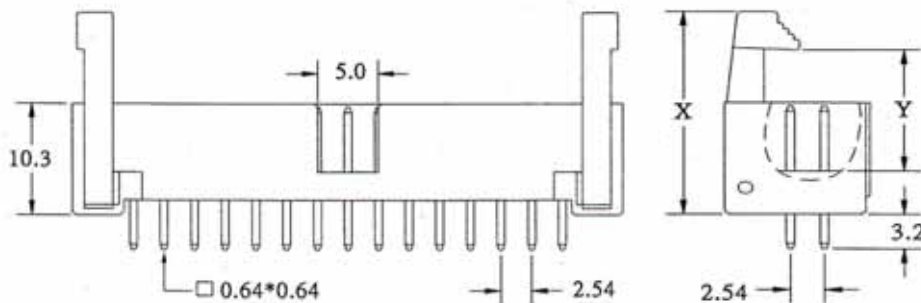
Contact Material: Copper Alloy

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

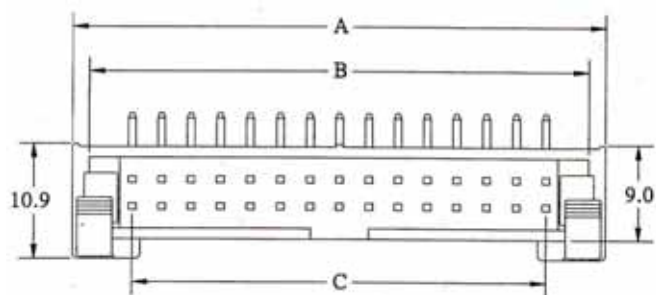
3. CONTACT FINISH:

"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

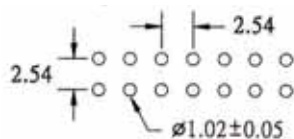
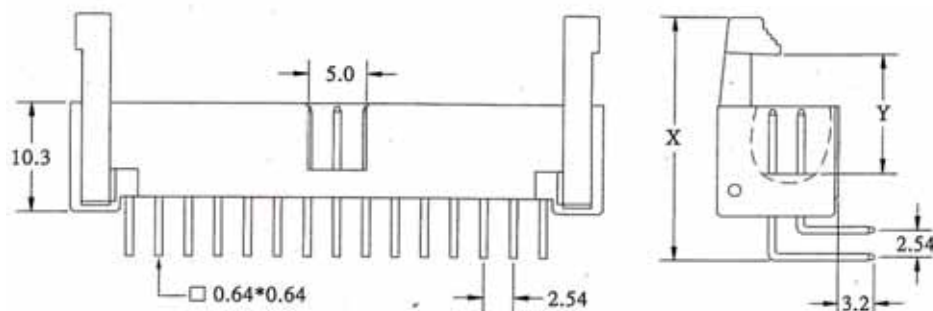
Contact Material: Copper Alloy

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

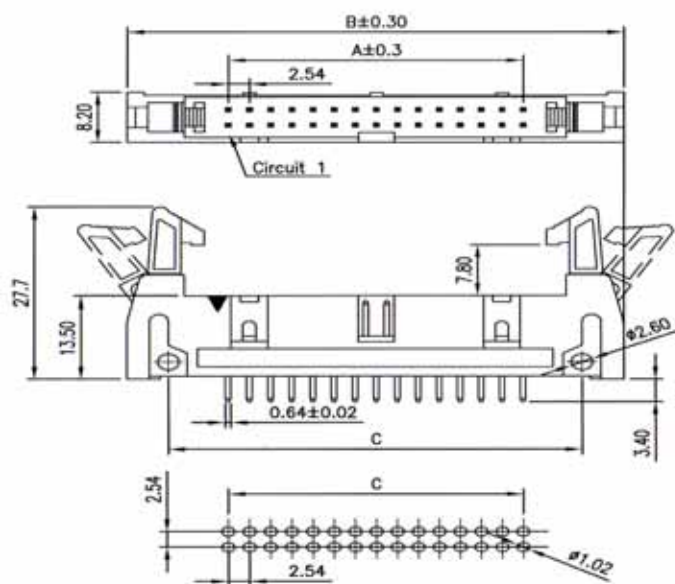
3. CONTACT FINISH:

"G" FULL GOLD PLATED

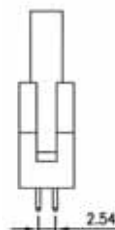
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") SHROUDED HEADER WITH LONG LEVERS



Recommended P.C.Board Layout



254SE

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

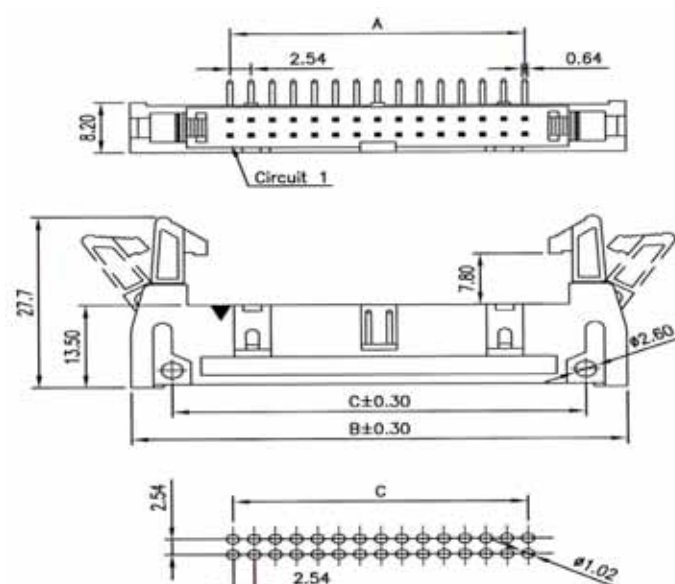
Contact Material: Copper Alloy

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



254SG

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 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$

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 LOVERS

"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

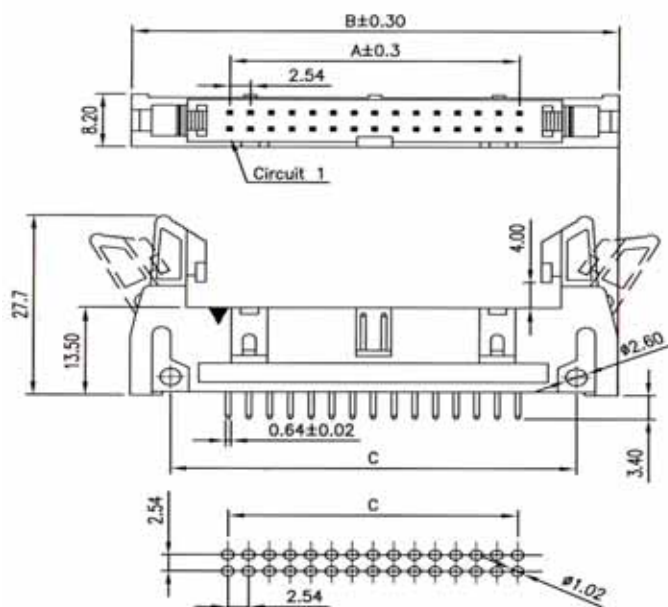
"L" LEVER

4. HOUSING COLOR:

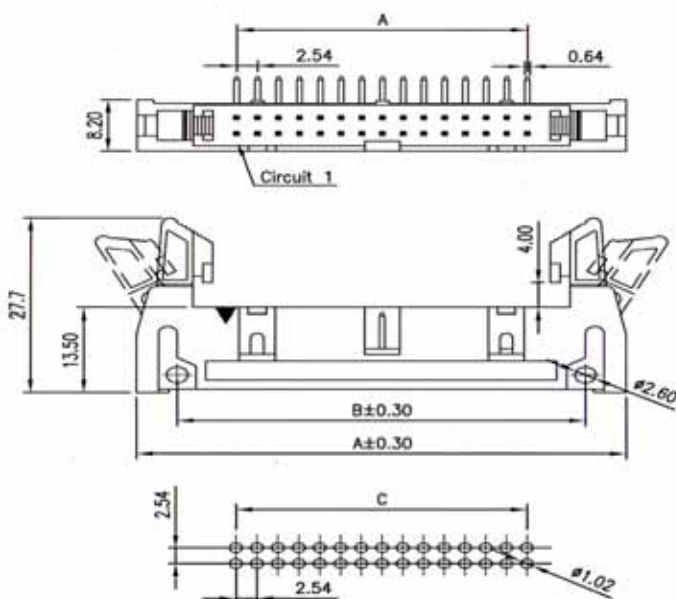
"B" BLACK (STANDARD)

"A" GRAY (OPTIONAL)

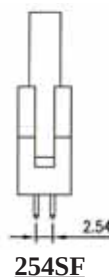
2.54MM(0.100") SHROUDED HEADER WITH SHORT LEVERS



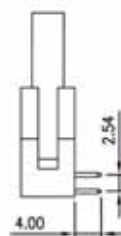
Recommended P.C.Board Layout



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 $\frac{xx}{1}$ - $\frac{xxxx}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$

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 LOVERS

"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

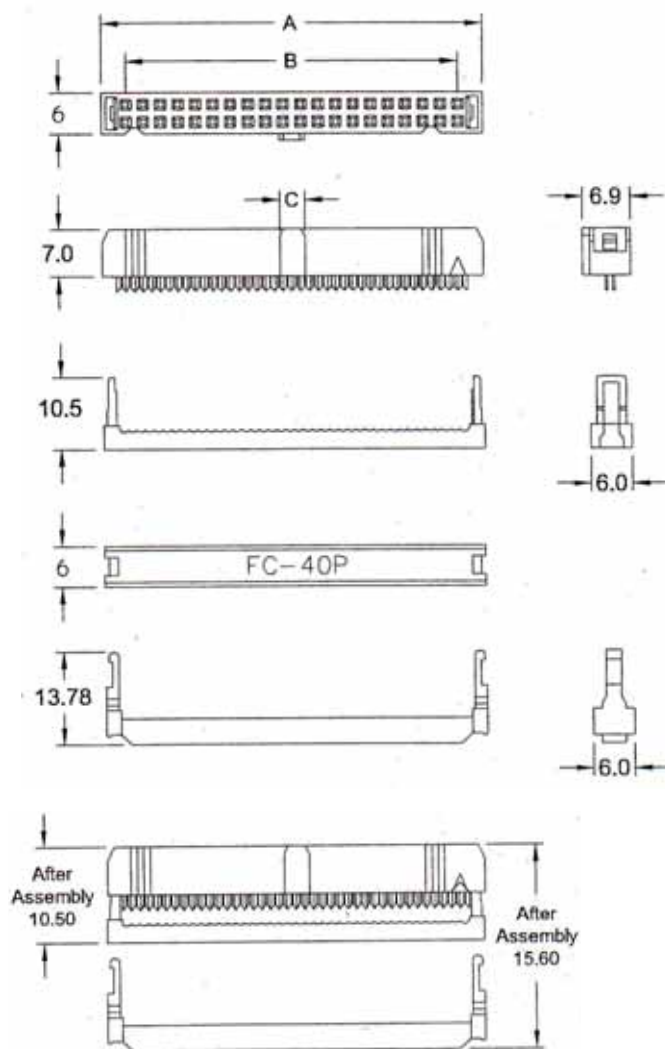
"L" LEVER

4. HOUSING COLOR:

"B" BLACK (STANDARD)

"A" GRAY (OPTIONAL)

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	1.80
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 - xx xx 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

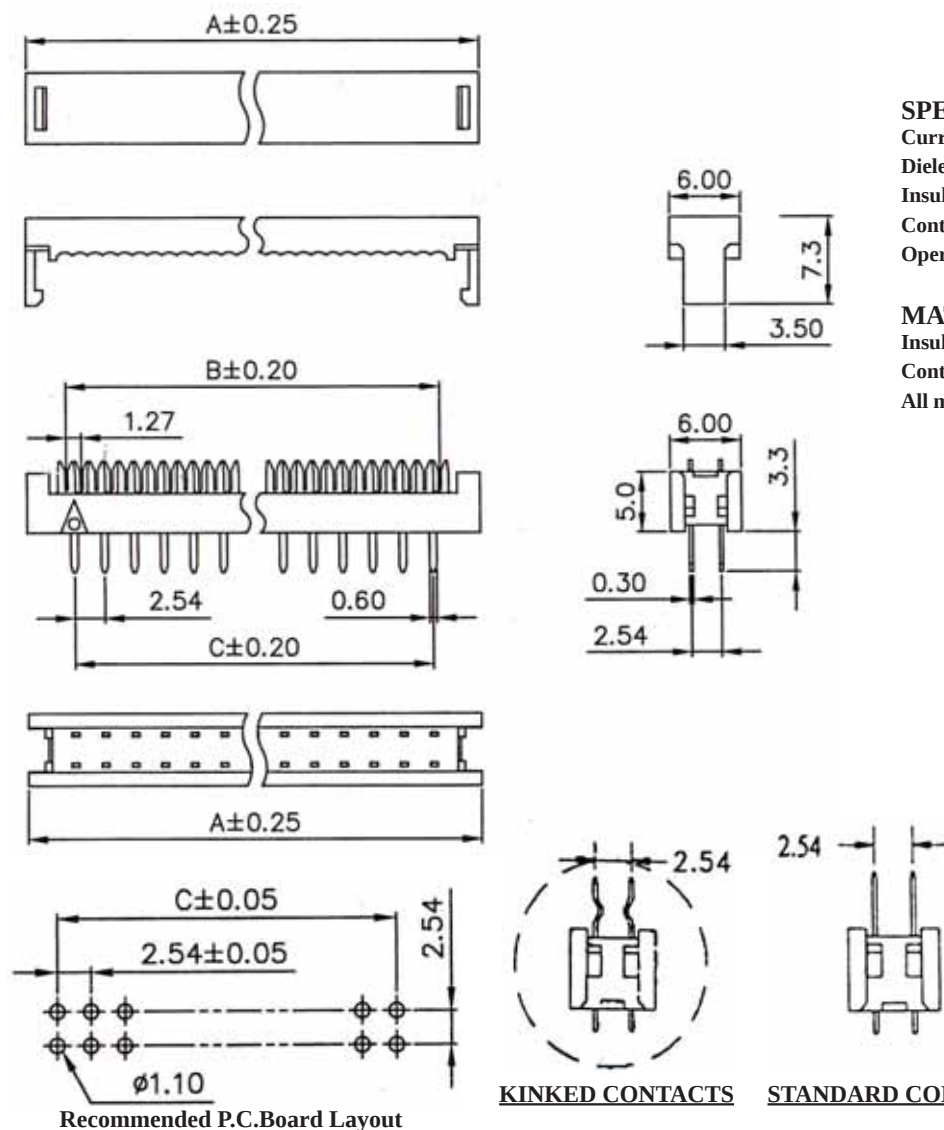
"X" FOR STRAIN RELIEF (DE)

4. INSULATOR COLOR:

"B" BLACK (STANDARD)

"A" GRAY (OPTIONAL)

2.54MM x 2.54MM(0.100" x 0.100") DIP PLUG



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

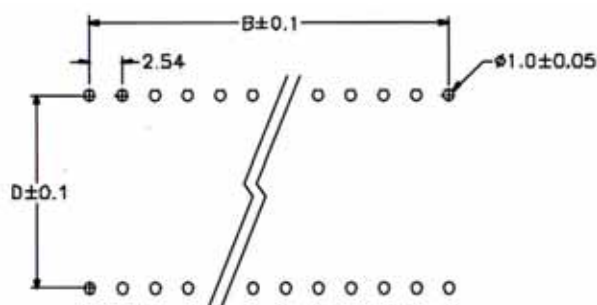
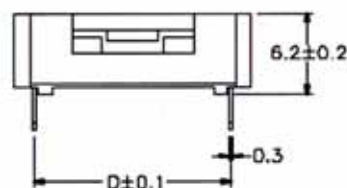
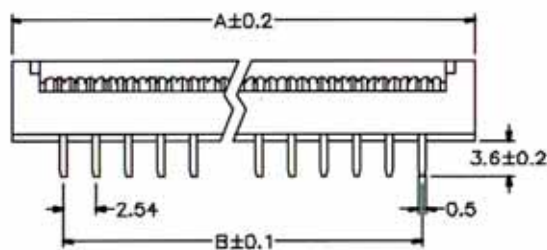
ORDERING INFORMATION:

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

- CONTACT TYPE:
"DU" STANDARD CONTACTS
"DZ" KINKED CONTACTS
- NO. OF CONTACTS:
006, 008, 010, 012, 014, 016, 018, 020, 024, 026, 030, 034, 036, 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 (OPTIONAL)

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	254DW
24	34.78	27.94	18.18	15.24	
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 x x - x x x T B
 1 2 3 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

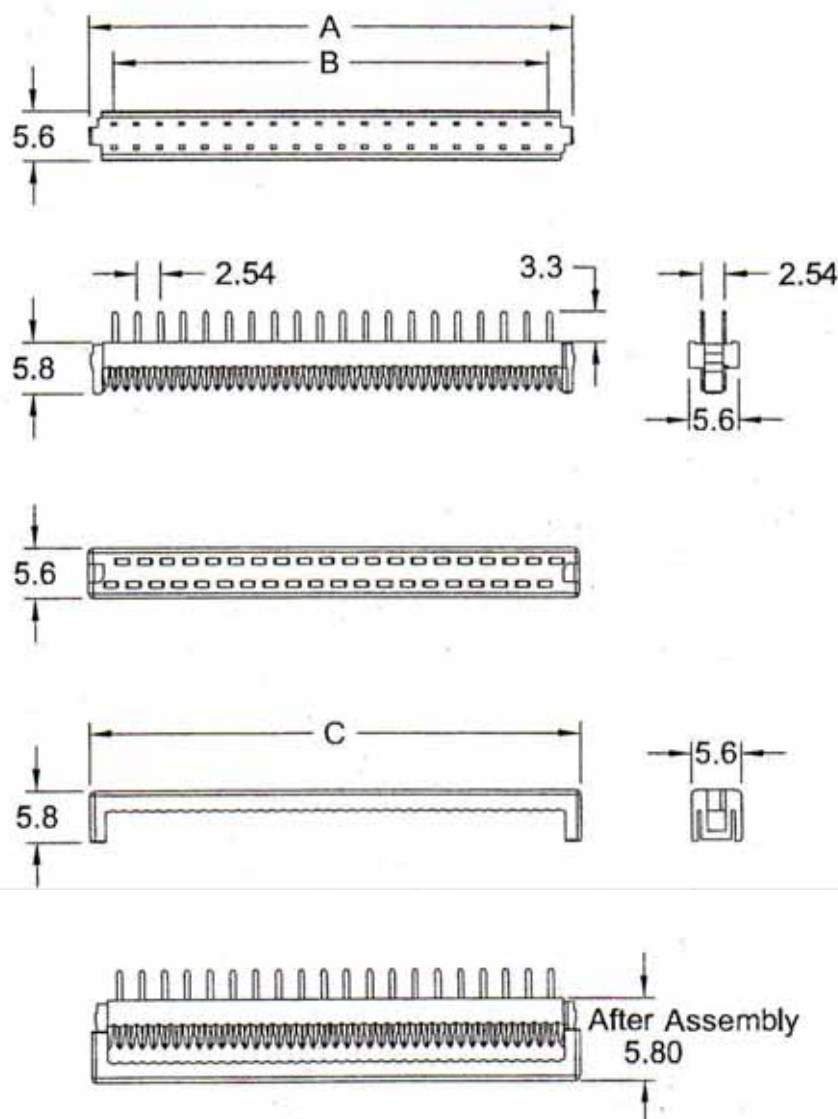
3. CONTACT FINISH:

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

4. INSULATOR COLOR:

"B" BLACK (STANDARD)
 "A" GRAY

2.54MM(0.100") DIP PLUG IDC TYPE H=5.80MM



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

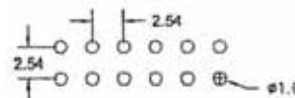
MATERIALS

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



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 G 9 9 - $\frac{x x x}{1}$ $\frac{S}{2}$ $\frac{B}{3}$

1. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 018, 020,
024, 026, 030, 034, 036, 040, 050, 060,
064

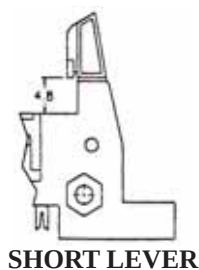
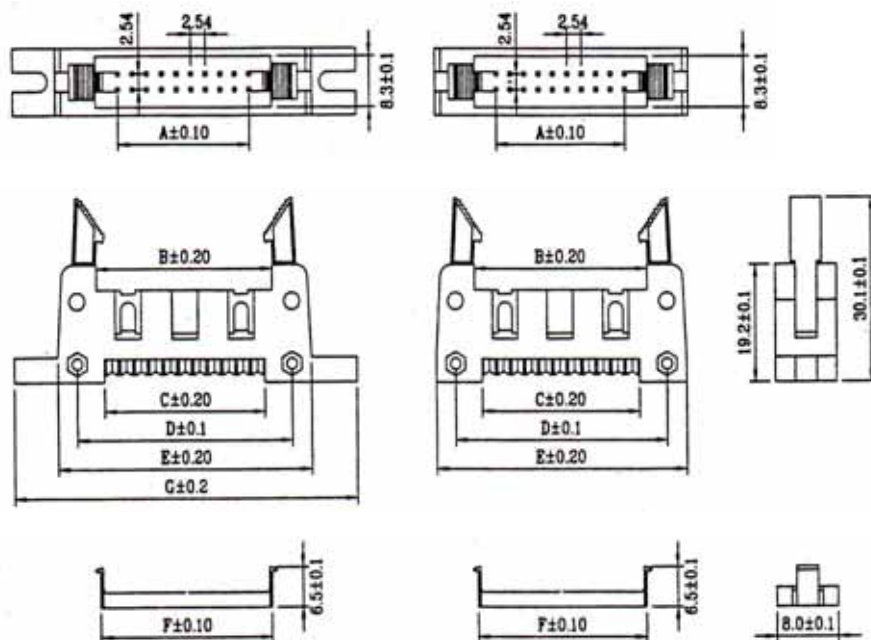
2. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

3. COLOR OF INSULATOR:

"B" BLACK

2.54MM(0.100") IDC PLUG WITH EJECTORS



SHORT LEVER



LONG LEVER

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.

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 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{SA}{34}$

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

2. NO. OF CONTACTS:

010, 014, 016, 020, 024, 026, 030, 034,
040, 050, 060, 064

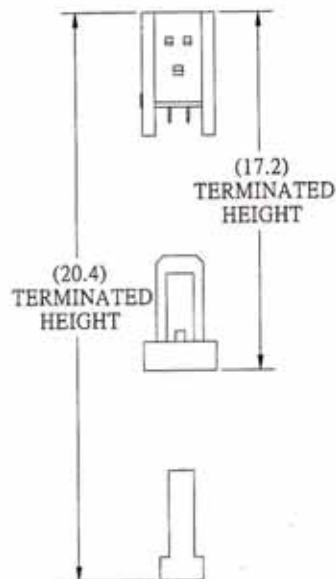
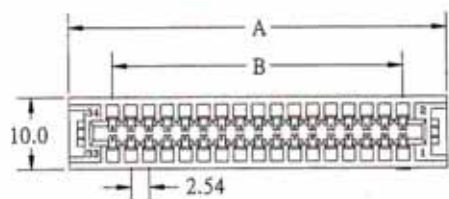
3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

4. INSULATOR COLOR:

"A" GRAY

2.54MM(0.100") 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 - xxxxxx
1 2 3 4

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" SELECITIVE GOLD PLATED

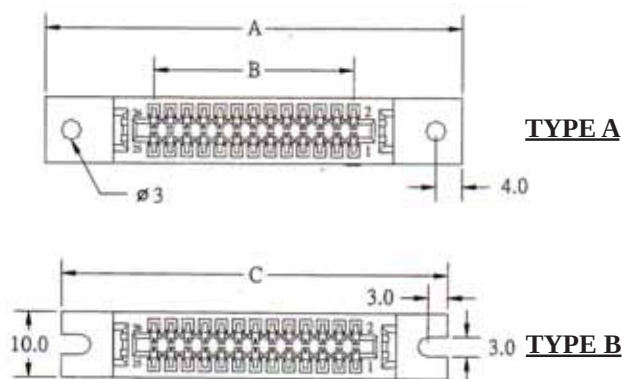
"X" FOR STRAIN RELIEF (CJ)

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.

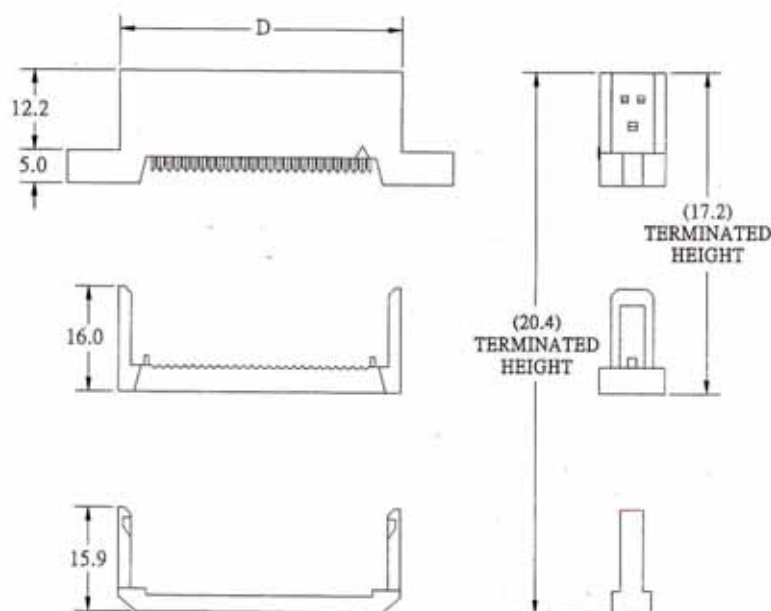
Operating Temperature: -40°C to +105°C

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 x x - x x x 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,

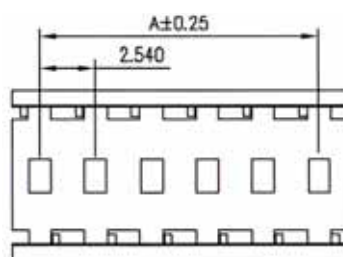
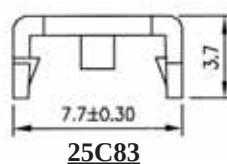
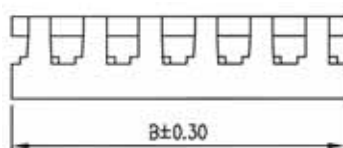
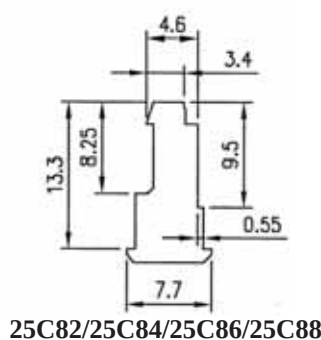
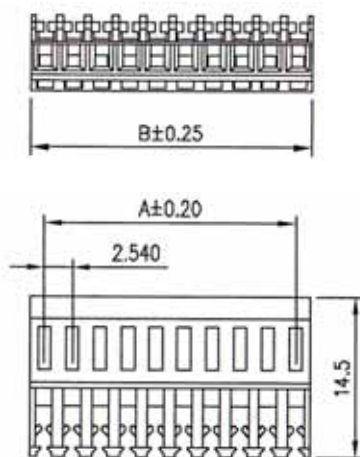
060, 062, 064

3. COLOR OF INSULATOR:

"B" BLACK (STANDARD)

"A" GRAY (OPTIONAL)

2.54MM(0.100") IDC CONNECTOR



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: Copper Alloy

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	48.28
20	48.26	50.80

ORDERING INFORMATION:

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

1. APPLICABLE AWG NO.:

"C82" AWG# 22 (RED)
 "C84" AWG# 24 (BLACK)
 "C86" AWG# 26 (BLUE)
 "C88" AWG# 28 (GREEN)
 "C83" STRAIN RELIEFER COVER

2. NO. OF CONTACTS:

002 through 020

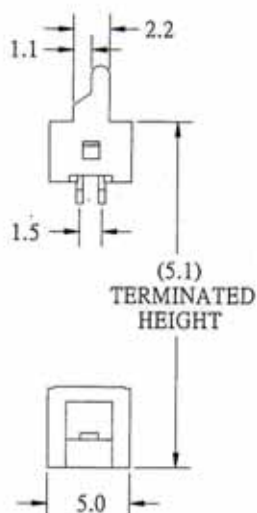
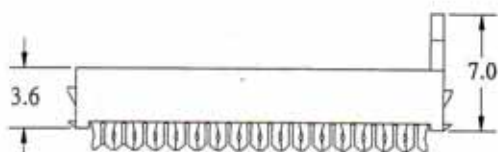
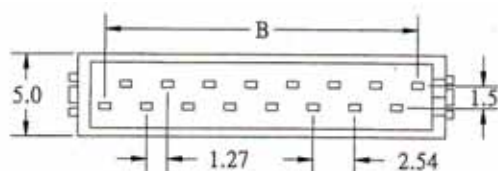
3. CONTACT FINISH:

"T" FULL TIN PLATED
 "C" FOR STRAIN RELIEFE COVER

4. INSULATOR COLOR:

"R" RED (#22 and COVER)
 "B" BLACK (#24 and COVER)
 "U" BLUE (#26 and COVER)
 "N" GREEN (#28 and COVER)

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 through 020

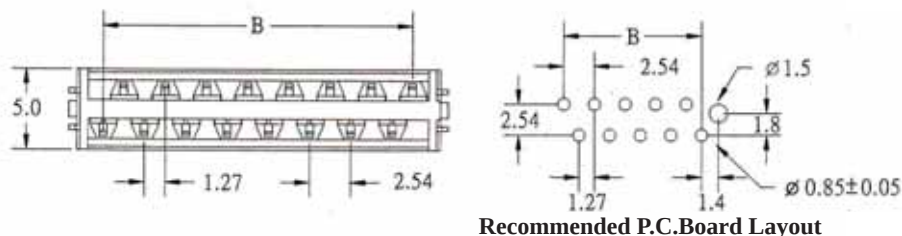
2. CONTACT FINISH:

"T" FULL TIN PLATED

3. INSULATOR COLOR:

"R" RED

2.54MM(0.100") MINIATURE CONNECTOR FEMALE PADDLE BOARD TYPE (2)



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstanding: 500V AC

Insulation Resistance: 3000MΩ Min

Contact Resistance: 30mΩ Max.

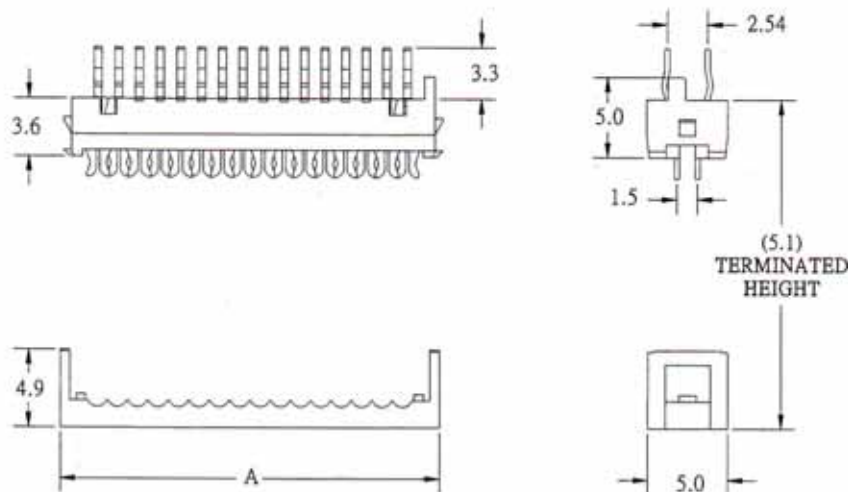
Operating Temperature: -40°C to + 105°C

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 - $\frac{x}{1} \frac{x}{2} \frac{T}{3} \frac{R}{3}$

1. NO. OF CONTACTS:

004 through 020

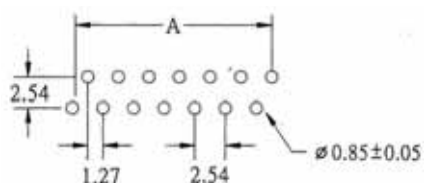
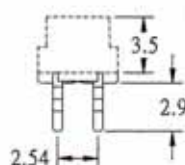
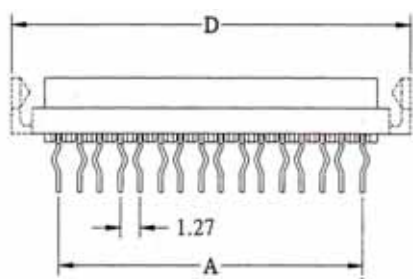
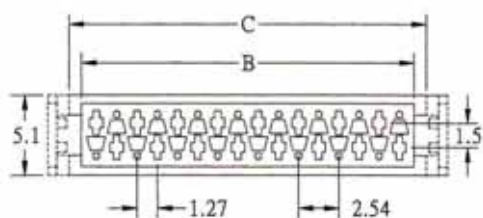
2. CONTACT FINISH:

"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.

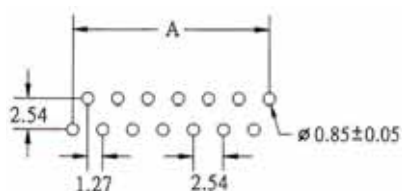
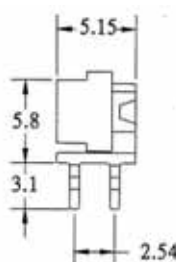
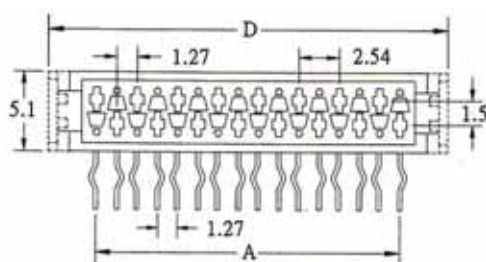
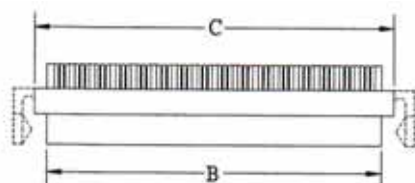
No. of Contacts	Dimensions(mm)			
	A	B	C	D
04	3.81	5.60	7.10	9.70
06	6.35	8.14	9.70	12.20
08	8.89	10.68	12.20	14.70
10	11.43	13.22	14.70	17.30
12	13.97	15.76	17.30	19.80
14	16.51	18.30	19.80	22.40
16	19.05	20.84	22.40	24.90
18	21.59	23.38	24.90	27.40
20	24.13	25.92	27.40	30.00
24	29.21	31.00	32.40	35.00
26	31.75	33.54	34.90	37.50

ORDERING INFORMATION:

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

1. LOCKING OPTION:
"M3" WITHOUT LOCKING
"M8" WITH LOCKING
2. NO. OF CONTACTS:
004 through 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.

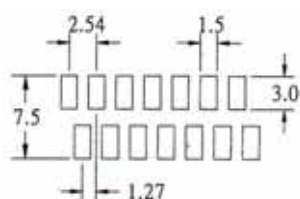
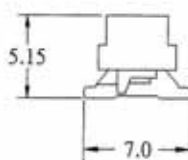
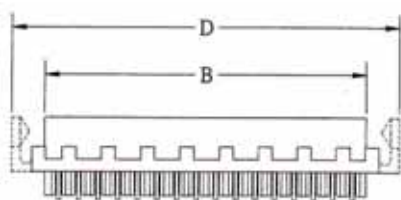
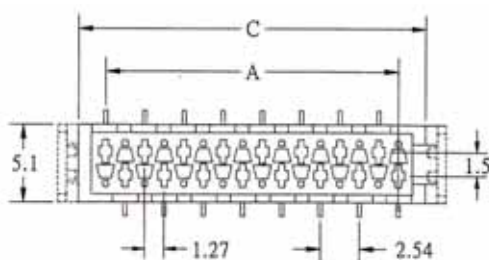
No. of Contacts	Dimensions(mm)			
	A	B	C	D
04	3.81	5.60	7.10	9.70
06	6.35	8.14	9.70	12.20
08	8.89	10.68	12.20	14.70
10	11.43	13.22	14.70	17.30
12	13.97	15.76	17.30	19.80
14	16.51	18.30	19.80	22.40
16	19.05	20.84	22.40	24.90
18	21.59	23.38	24.90	27.40
20	24.13	25.92	27.40	30.00
24	29.21	31.00	32.40	35.00
26	31.75	33.54	34.90	37.50

ORDERING INFORMATION:

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

1. LOCKING OPTION:
"M5" WITHOUT LOCKING
"M9" WITH LOCKING
2. NO. OF CONTACTS:
004 through 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 through 020

3. CONTACT FINISH:

"T" FULL TIN PLATED

4. INSULATOR COLOR:

"R" RED

5. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

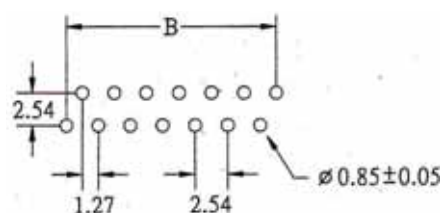
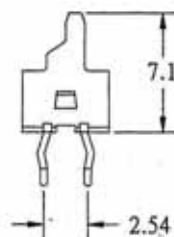
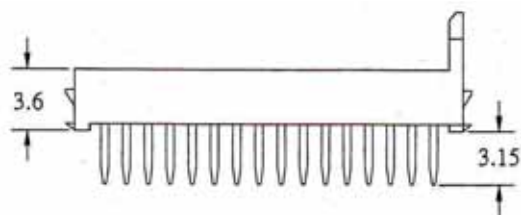
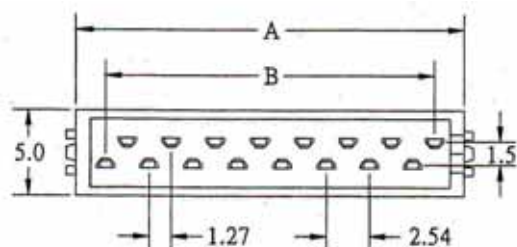
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.54MM(0.100") MINIATUR CONNCTOR MALE ON BOARD STRAIGHT TYPE (6)



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.

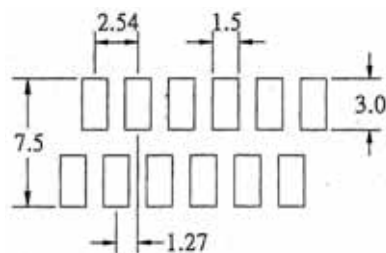
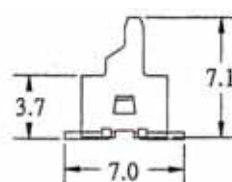
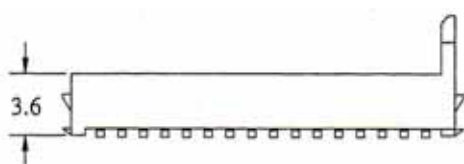
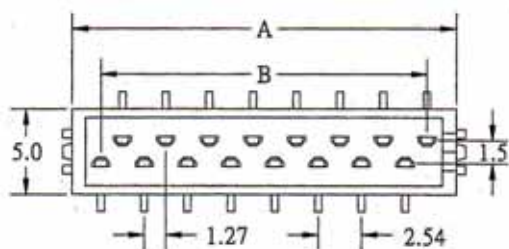
No. of Contacts	Dimensions(mm)	
	A	B
04	8.20	3.81
06	10.70	6.35
08	13.30	8.89
10	15.80	11.43
12	18.30	13.97
14	20.80	16.51
16	23.40	19.05
18	25.90	21.59
20	28.40	24.13
24	33.40	29.21
26	35.90	31.75

ORDERING INFORMATION:

P/N 2 5 E 2 1 - $\frac{xxx}{1} \frac{TR}{23}$

1. NO. OF CONTACTS:
004 through 026
2. CONTACT FINISH:
"T" FULL TIN PLATED
3. INSULATOR COLOR:
"R" RED

2.54MM(0.100") MINIATURER CONNECTOR MALE ON BOARD SMT TYPE (7)



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 - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{T}{4} \frac{R}{3} - \frac{x}{4}$

1. NO. OF CONTACTS:

004 through 026

2. CONTACT FINISH:

"T" FULL TIN PLATED

3. INSULATOR COLOR:

"R" RED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

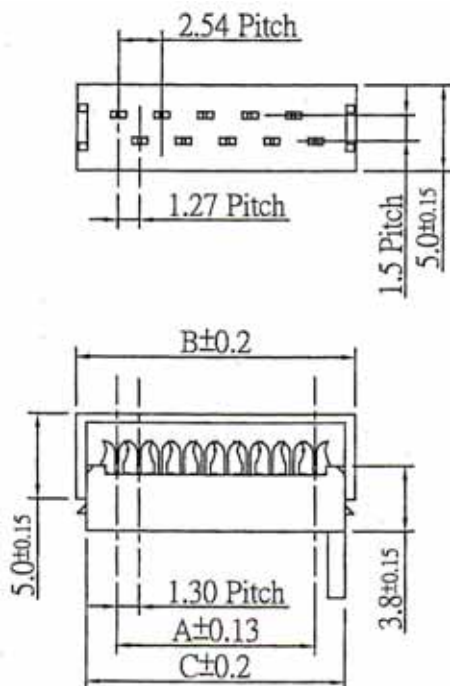
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

2.54MM(0.100") 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.

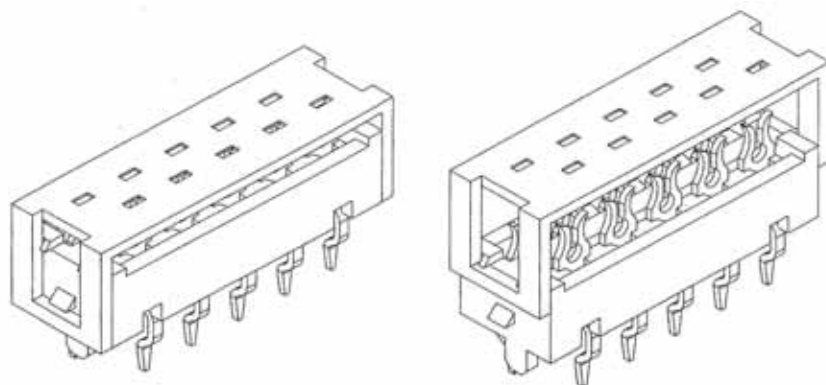
No. of Contacts	Dimensions(mm)		
	A	B	C
04	3.81	8.58	7.18
06	6.35	11.12	9.72
08	8.89	13.66	12.26
10	11.43	16.20	14.80
12	13.97	18.74	17.34
14	16.51	21.28	19.88
16	19.05	23.82	22.42
18	21.59	26.36	24.96
20	24.13	28.90	27.50

ORDERING INFORMATION:

P/N 2 5 C 8 9 - 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

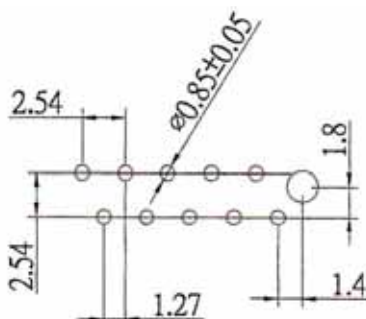
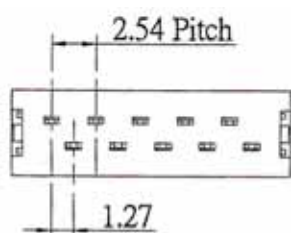


MATERIALS

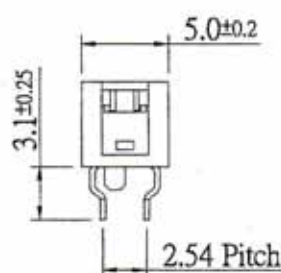
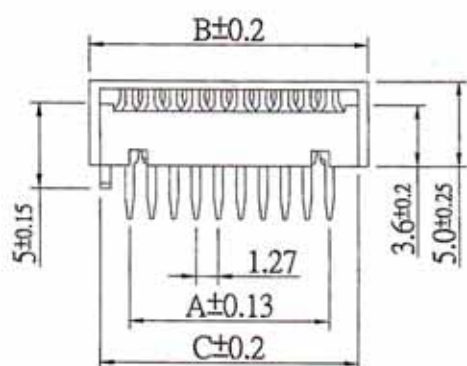
Insulation Material: P.B.T, UL 94V-0

Contact Material: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



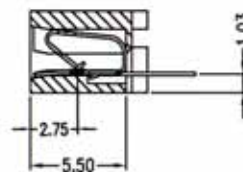
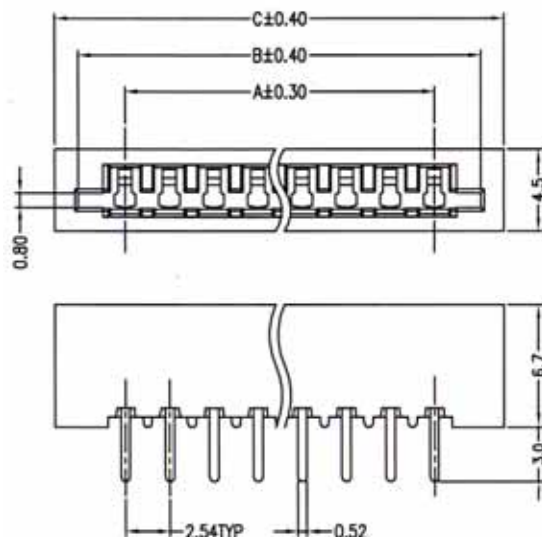
No. of Contacts	Dimensions(mm)		
	A	B	C
04	3.81	8.78	7.13
06	6.35	11.32	9.67
08	8.89	13.86	12.21
10	11.43	16.10	14.75
12	13.97	18.89	17.29
14	16.51	18.74	17.51
16	19.05	21.48	22.37
18	21.59	24.02	24.91
20	24.13	29.10	27.45

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 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

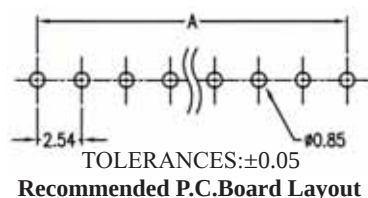
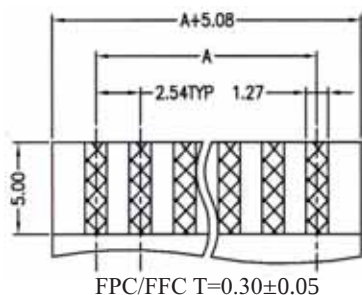
MATERIALS

Insulation Material:

Glass-Reinforced Thermoplastic

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



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

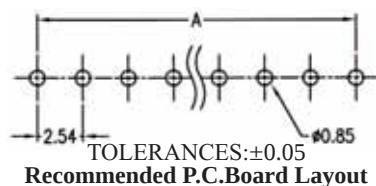
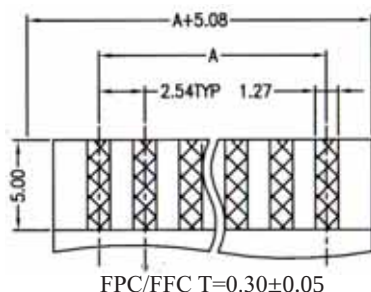
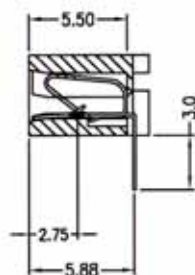
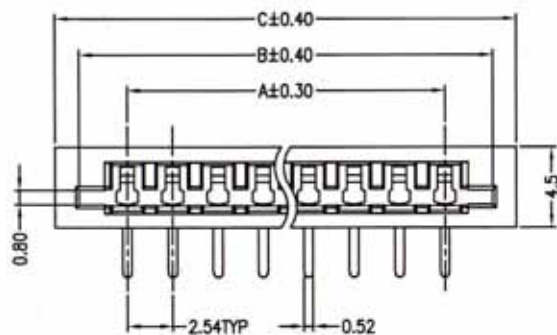
ORDERING INFORMATION:

P/N 2 5 4 Z S - x x x T B
1

1. NO. OF CONTACTS:
002 through 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

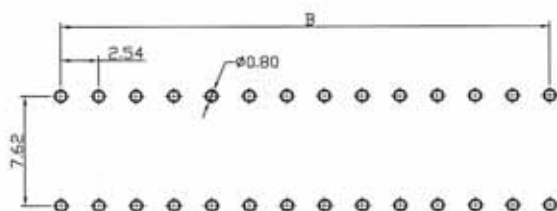
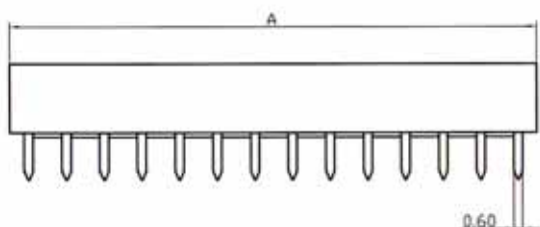
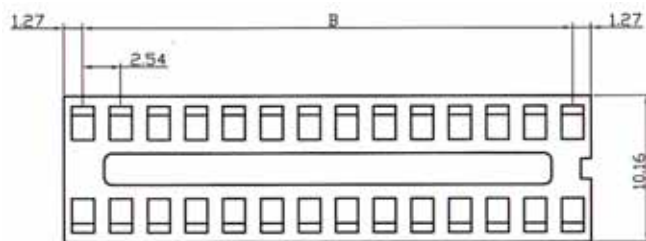
ORDERING INFORMATION:

P/N 2 5 4 Z R - x x x T B
1

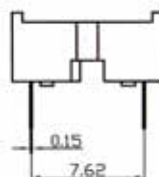
1. NO. OF CONTACTS:
002 through 030

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 $\frac{C}{1} S - \frac{x}{2} x x \frac{T}{3} B$

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:

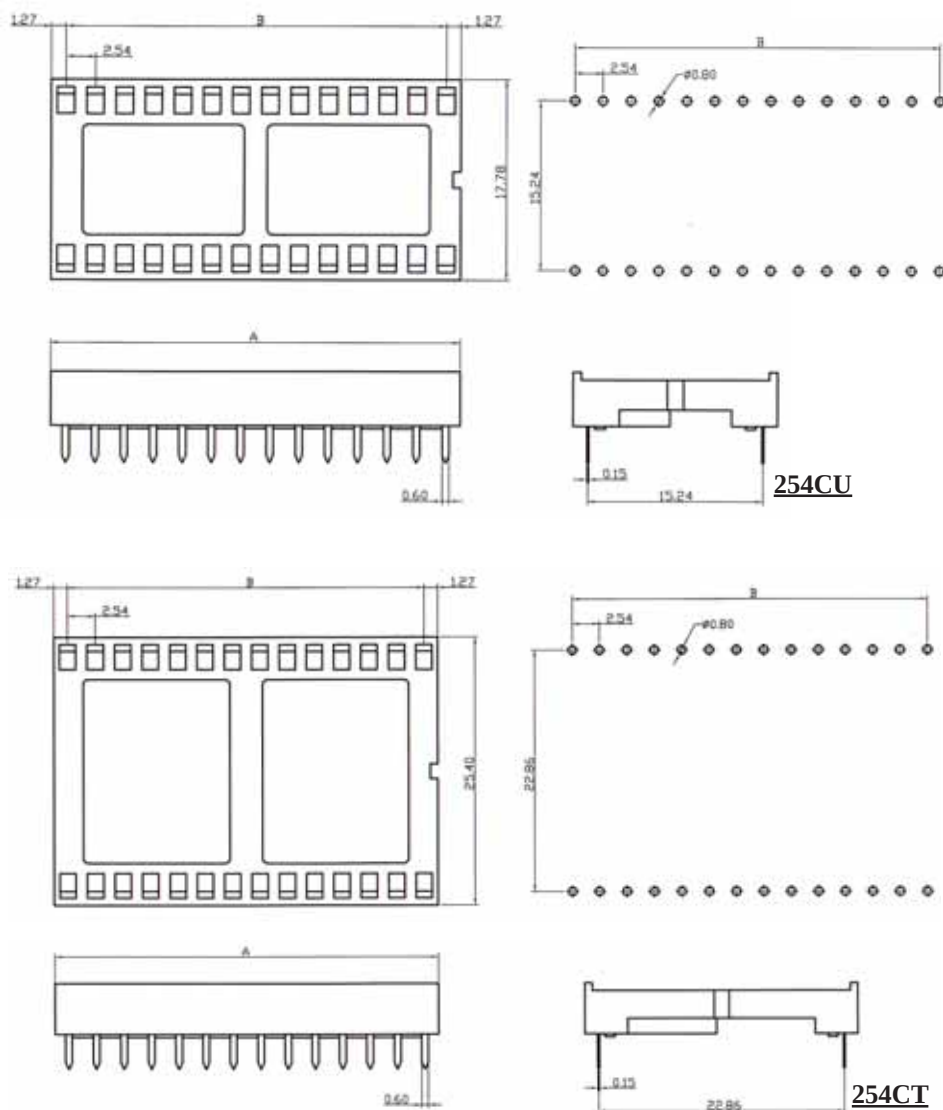
"T" FULL TIN PLATED

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: 5000M Ω Min

Contact Resistance: 20m Ω Max.

Operating Temperature: -55 $^{\circ}$ C to + 105 $^{\circ}$ 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 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ B

1. SPACING OF DUAL ROW CONTACTS:

"CU" 15.24mm WITH BEAM

"CT" 22.86mm WITH BEAM

2. NO. OF CONTACTS:

FOR 254CU: 024, 028, 032, 040, 042, 048

FOR 254CT: 064

3. CONTACT FINISH:

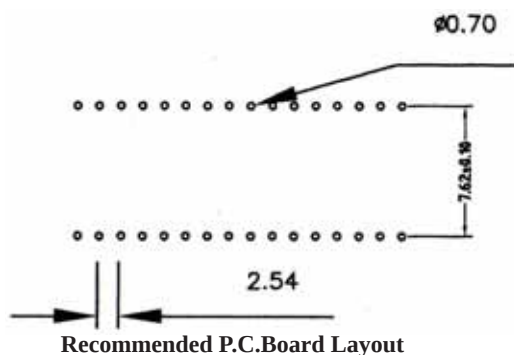
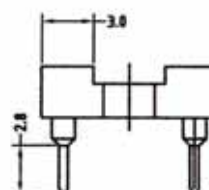
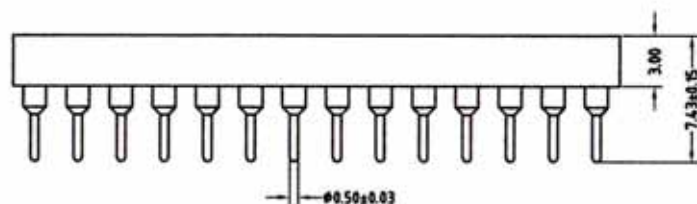
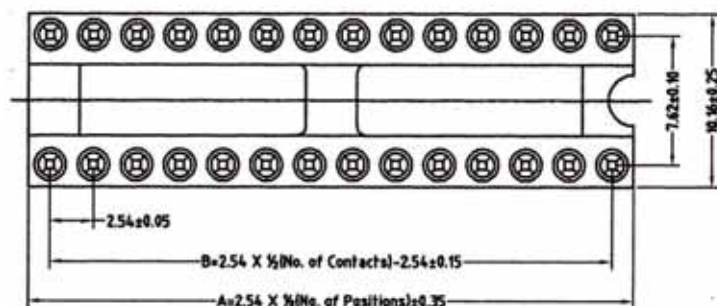
"T" FULL TIN PLATED

NOTE: 1. PACKED IN TUBE

2. IC CONTACT EXTRACTOR:

P/N HT-103A

2.54MM(0.100") IC SOCKET WITH 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")

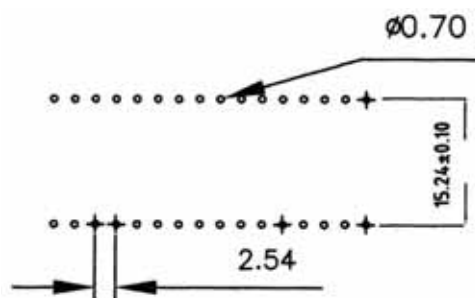
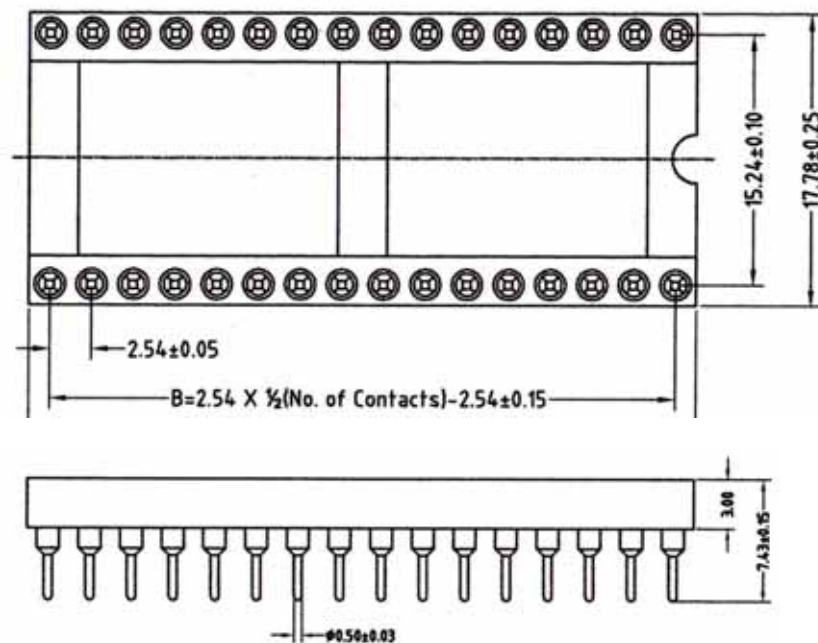
2. NO. OF CONTACTS:

006, 008, 014, 016, 018, 020, 024, 028

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") IC SOCKET WITH SCREW MACHINED CONTACTS ROW SPACING=15.24MM



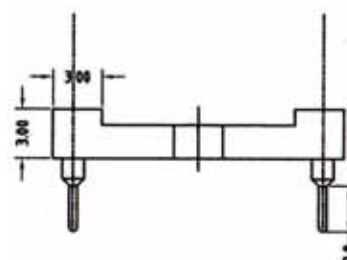
Recommended P.C.Board Layout

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.



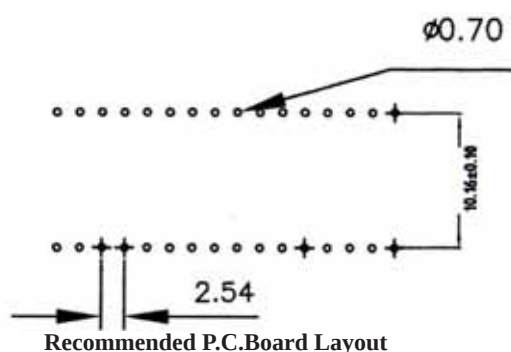
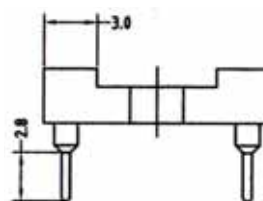
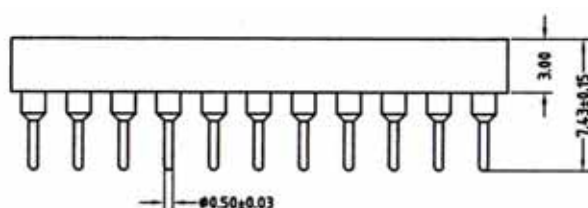
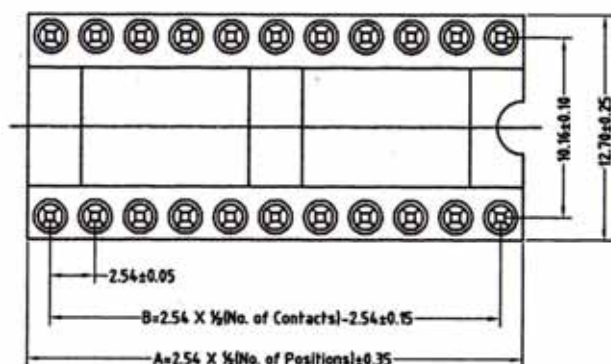
No. of Contacts	Dimensions(mm)	
	A	B
24	30.48	27.94
28	35.56	33.02
32	40.64	38.10
40	50.80	48.26
48	60.96	58.42

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 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")

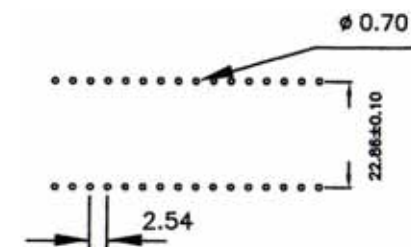
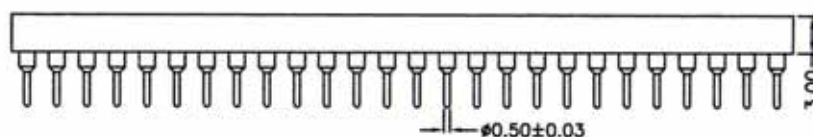
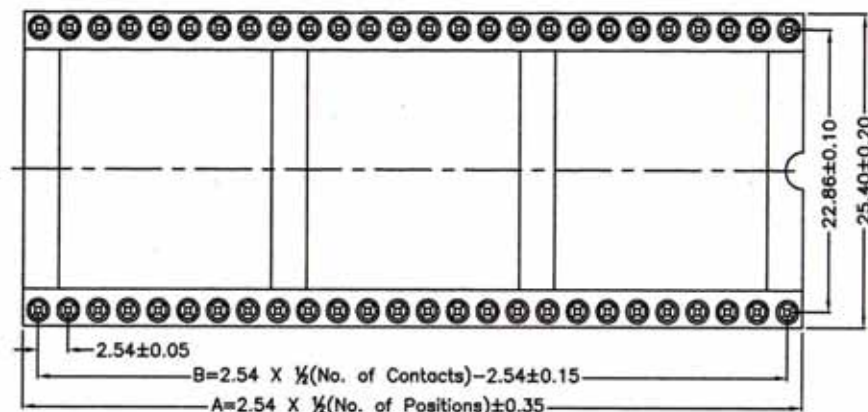
2. NO. OF CONTACTS:

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



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

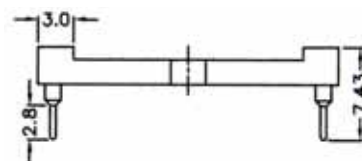
Tin Plated: -40°C to + 105°C

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
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")

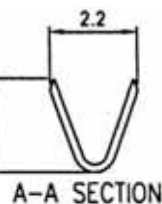
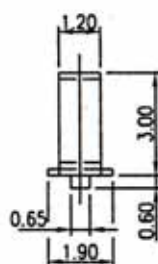
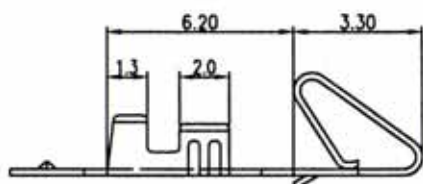
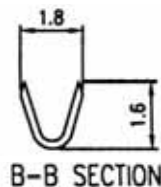
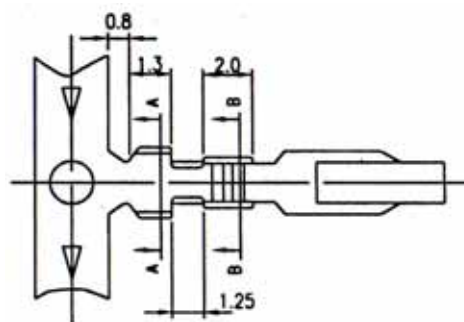
2. NO. OF CONTACTS:

050, 052, 064

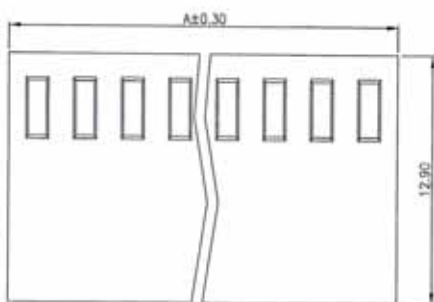
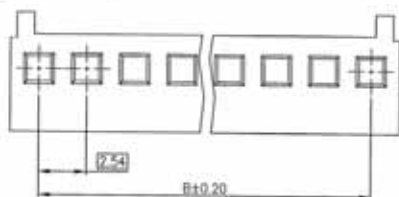
3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (A1)



254MQ-10KT



254MG

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 through 020

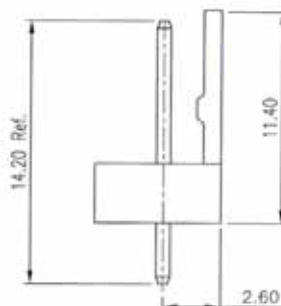
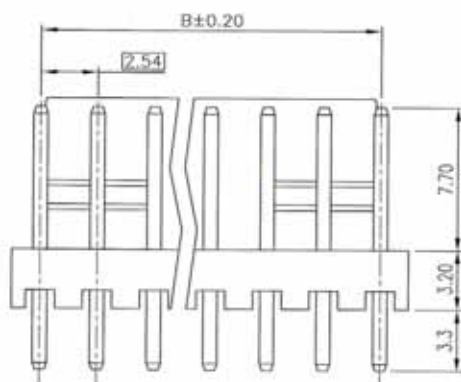
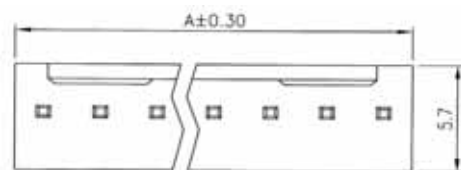
2. INSULATOR COLOR:

"V" IVORY (STANDARD)

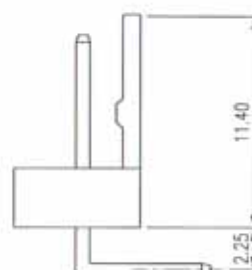
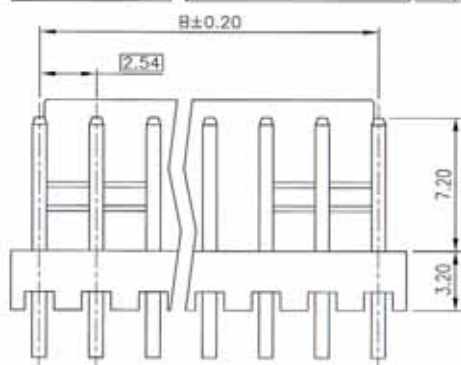
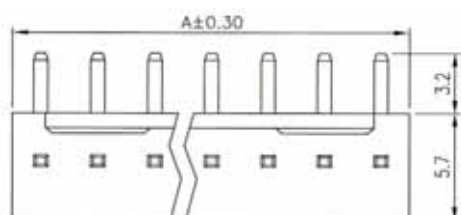
"R" DARK RED

NOTE: ACCEPTS 254MQ TERMINAL

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (A2)



254MM



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

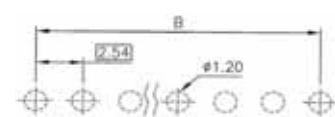
MATERIALS

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

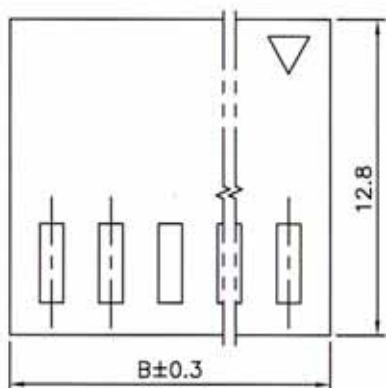
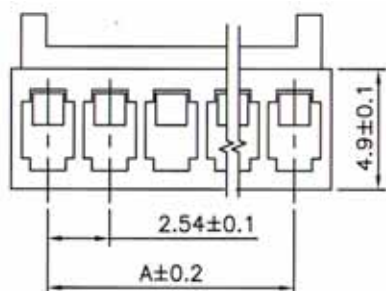
ORDERING INFORMATION:

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

1. CONNECTOR TYPE:
"MM" STRAIGHT TYPE
"MN" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 through 020
3. INSULATOR COLOR:
"V" IVORY (STANDARD)
"R" DARK RED

NOTE: MATES WITH 254MG HOUSING

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (A3)



SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 1000M Ω Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 20m Ω Max.

Operating Temperature: -25 $^{\circ}$ C to +85 $^{\circ}$ 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 - $\frac{x}{1} \frac{x}{2} H \frac{x}{2}$

1. NO. OF CONTACTS:

002 through 012

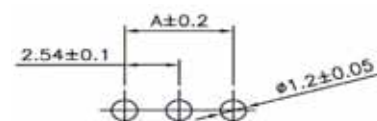
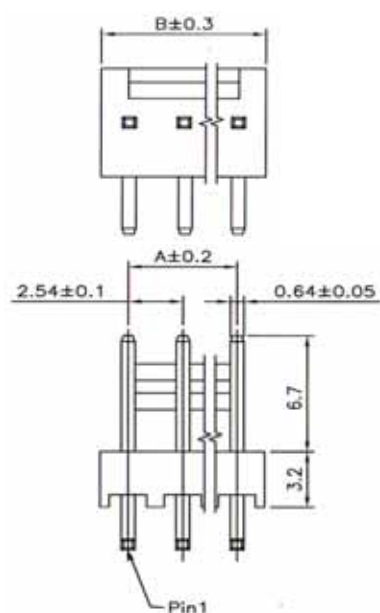
2. INSULATOR COLOR:

"B" BLACK

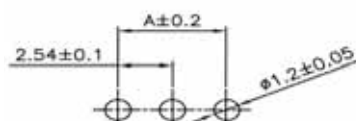
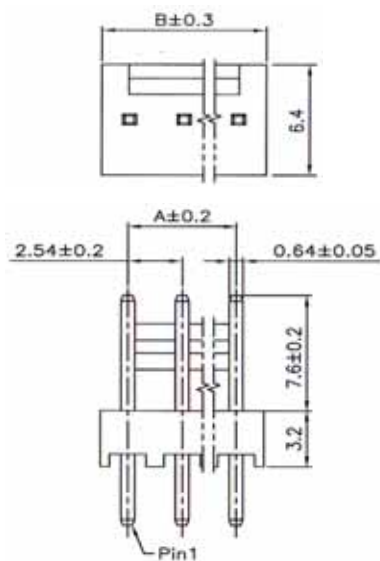
"V" IVORY

NOTE: ACCEPTS 254MQ TERMINAL

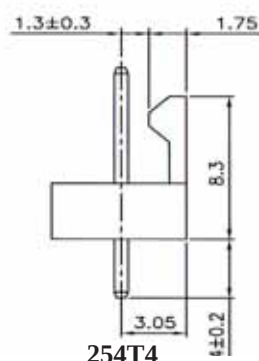
2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (A4)



Recommended P.C.Board Layout



Recommended P.C.Board Layout



254T4

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

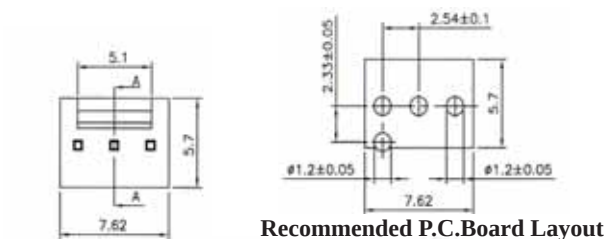
ORDERING INFORMATION:

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

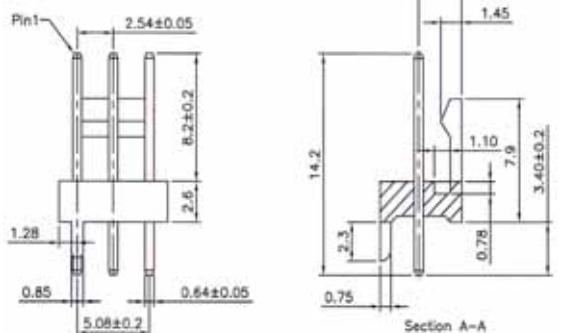
1. TERMINAL TYPE:
"T3" RIGHT ANGLE TYPE
"T4" STRAIGHT TYPE
2. NO. OF CONTACTS:
002 through 012
3. INSULATOR COLOR:
"B" BLACK
"V" IVORY

NOTE: MATES WITH 254T2 HOUSING

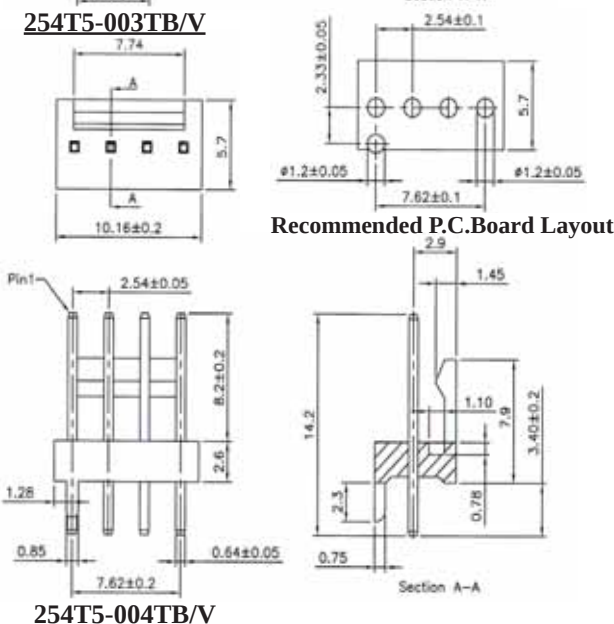
2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (A5)



Recommended P.C.Board Layout



Recommended P.C.Board Layout



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.

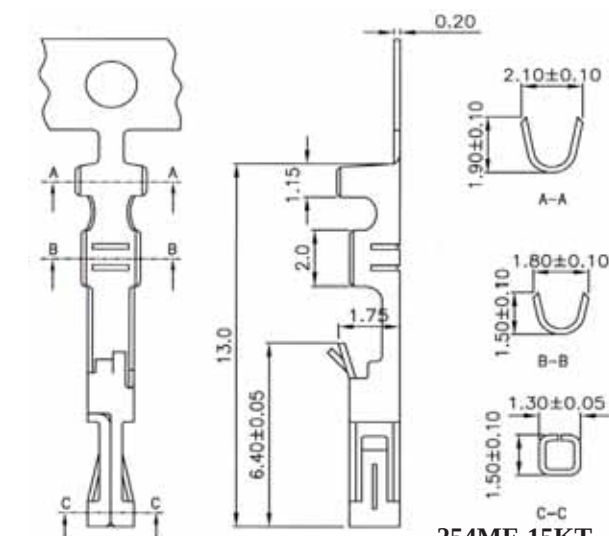
ORDERING INFORMATION:

P/N 2 5 4 T 5 - $\frac{x \times x}{1} T \frac{x}{2}$

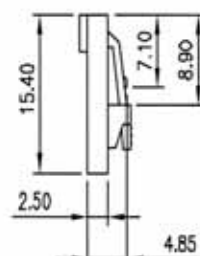
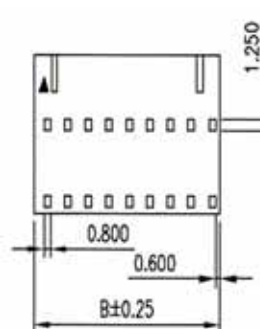
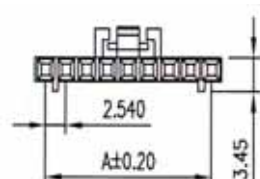
1. NO. OF CONTACTS:
003, 004
2. INSULATOR COLOR:
"B" BLACK
"V" IVORY

NOTE: MATES WITH 254T2 HOUSING

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (B1)



254MF-15KT



254MZ

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

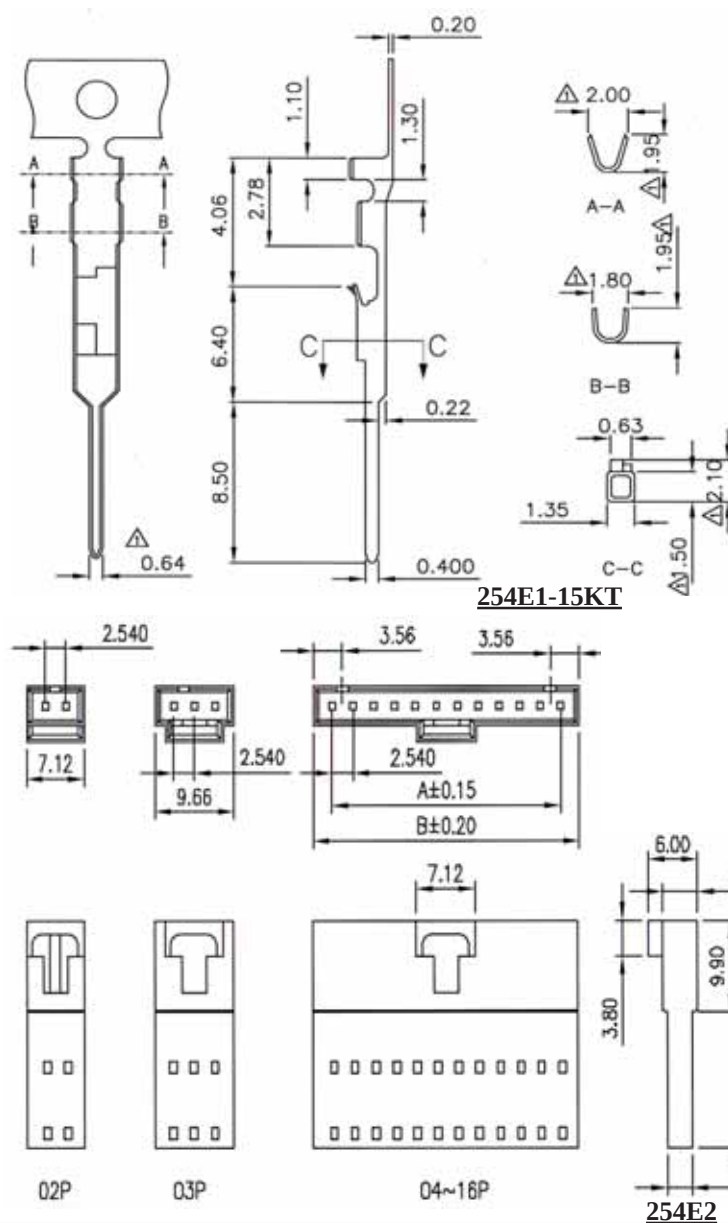
NOTE: ACCEPTS 254MZ HOUSING

HOUSING:

P/N 254MZ - $\frac{x}{1} \frac{x}{x} H \frac{x}{2}$

1. NO. OF CONTACTS:
002 through 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)



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:

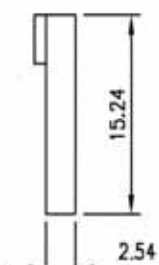
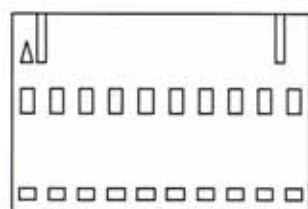
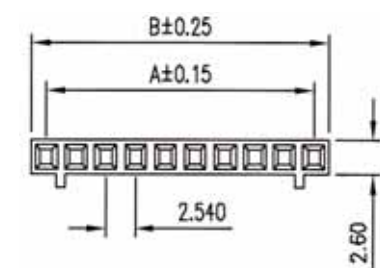
P/N 254E2 - $\frac{xxx}{1}$ H B

1. NO. OF CONTACTS:

002 through 016

NOTE: ACCEPTS 254E1 TERMINAL

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (B3)



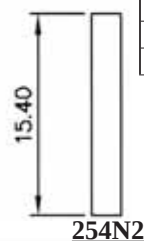
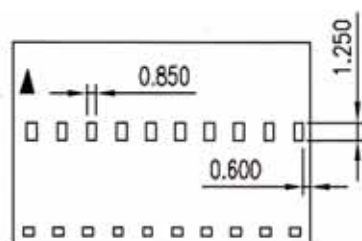
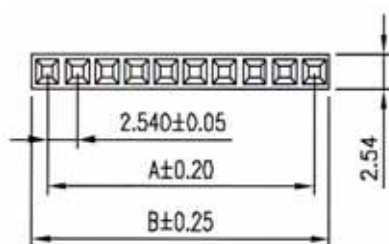
254N1

254N1

254N2

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

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



254N2

ORDERING INFORMATION:

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

- HOUSING TYPE:
"N1" WITH FRONT RIB
"N2" FLAT TYPE
- NO. OF CONTACTS:
002 through 015
- 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

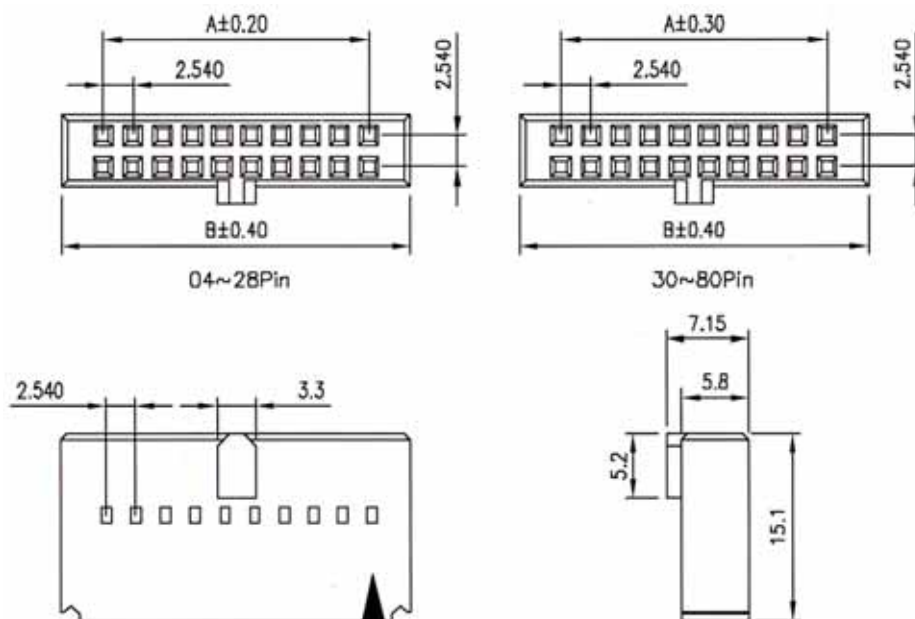
SPECIFICATIONS

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.

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:

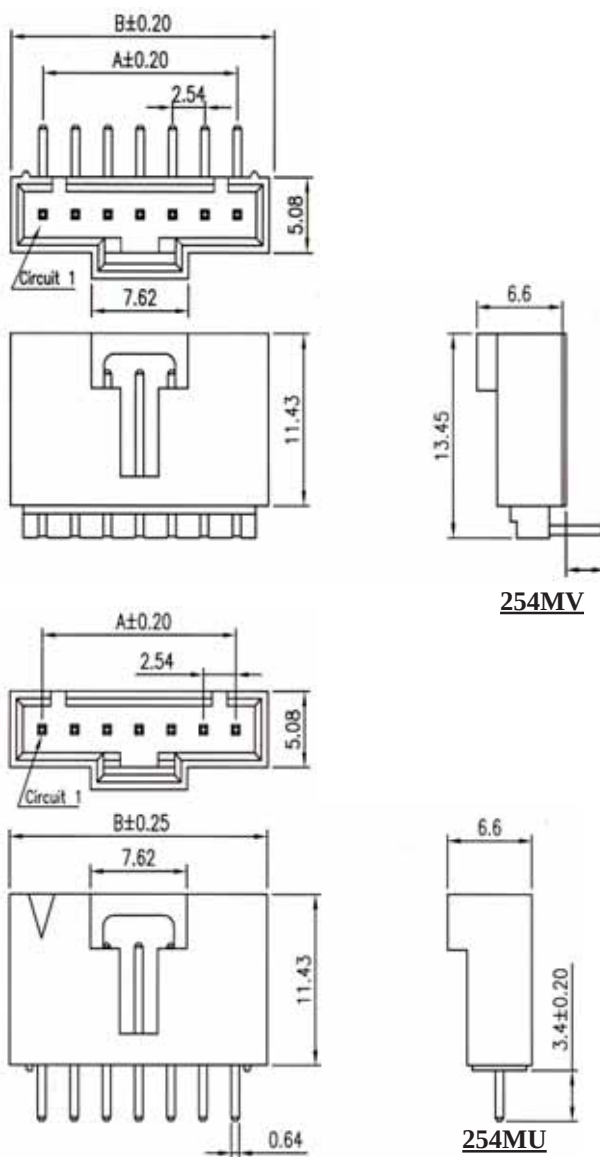
004 through 080

2. CONNECTO TYPE:

"H" HOUSING

NOTE: ACCEPTS 254E1 & 254MF TERMINALS

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (B5)



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

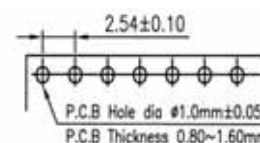
MATERIALS

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

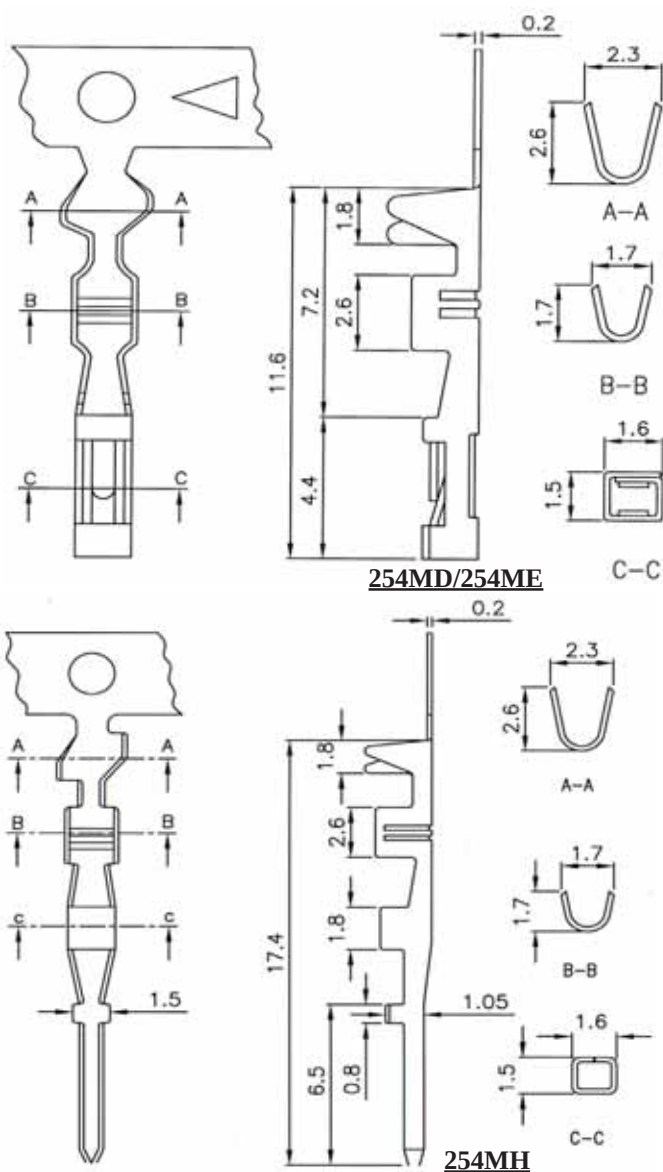
ORDERING INFORMATION:

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

1. TERMINAL TYPE:
"MV" RIGHT ANGLE TYPE
"MU" STRAIGHT TYPE
2. NO. OF CONTACTS:
002 through 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 $\frac{x}{1}$ - 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:

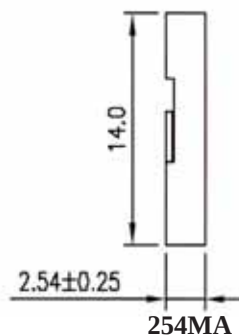
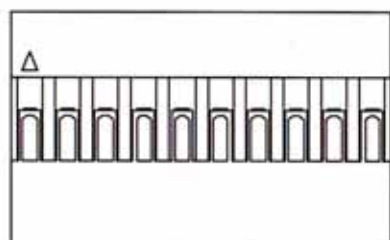
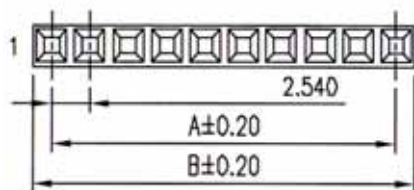
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

PU= 10.000PCS/REEL

NOTE: ACCEPTS 254MA, 254MB, 254MC,
& 254V6 HOUSINGS

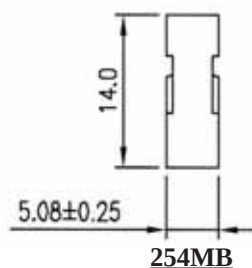
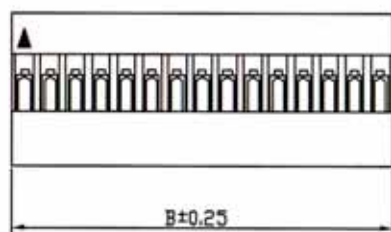
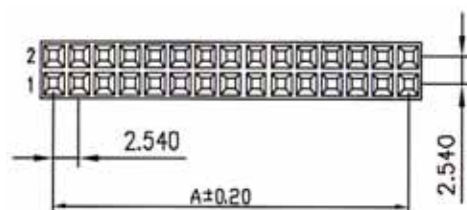
2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (C2)



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 through 040 for SINGLE ROW

004 through 080 for DOUBLE ROW

3. CONNECTOR TYPE:

"H" HOUSING

4. HOUSING COLORS:

"B" BLACK

"A" GRAY

"C" BROWN

"R" RED

"O" ORANGE

"Y" YELLOW

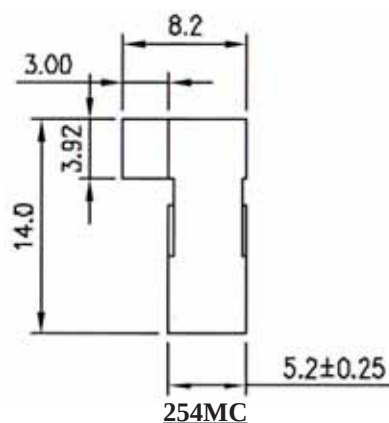
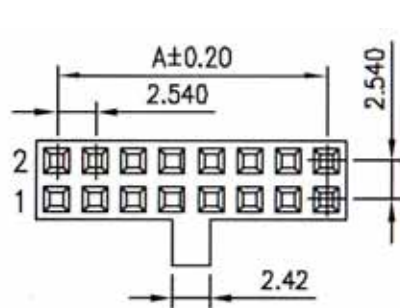
"N" GREEN

"U" BLUE

"P" PURPLE

NOTE: ACCEPTS 254MD, 254ME &
254MH TERMINAL

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (C3)

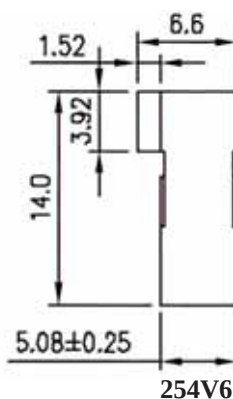
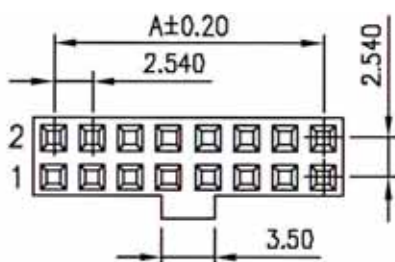


HOUSING

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 $\frac{x}{1} x - \frac{x}{2} x x$ H B

1. POLARIZING HEIGHT:

"MC" HIGH POLARIZING(8.2mm)

"V6" LOW POLARIZING(6.6mm)

2. NO. OF CONTACTS:

006 through 080

3. INSULATOR COLOR:

"B" BLACK

"A" GRAY

"C" BROWN

"R" RED

"O" ORANGE

"Y" YELLOW

"N" GREEN

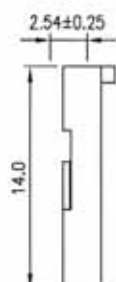
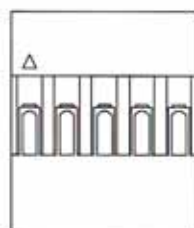
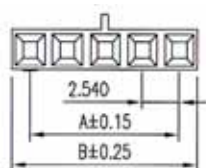
"U" BLUE

"P" PURPLE

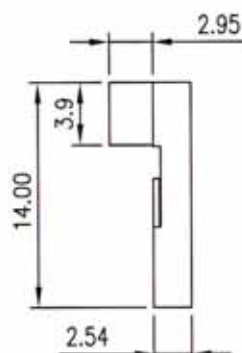
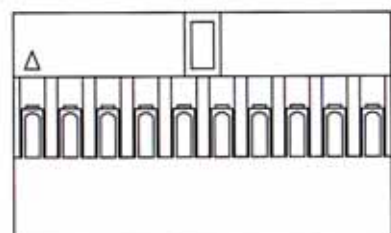
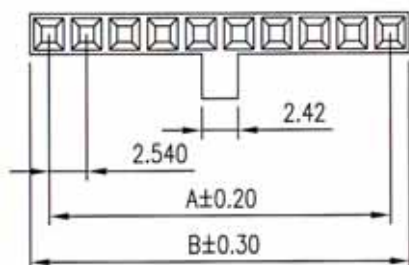
"W" WHITE

"K" PINK

2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (C4)



25C74



254M6

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 $\frac{\text{XXX}}{1}$ - $\frac{\text{XXX}}{2}$ H B

1. CONNECTOR TYPE:

"C74" SEE DRAWING!

"4M6" SEE DRAWING!

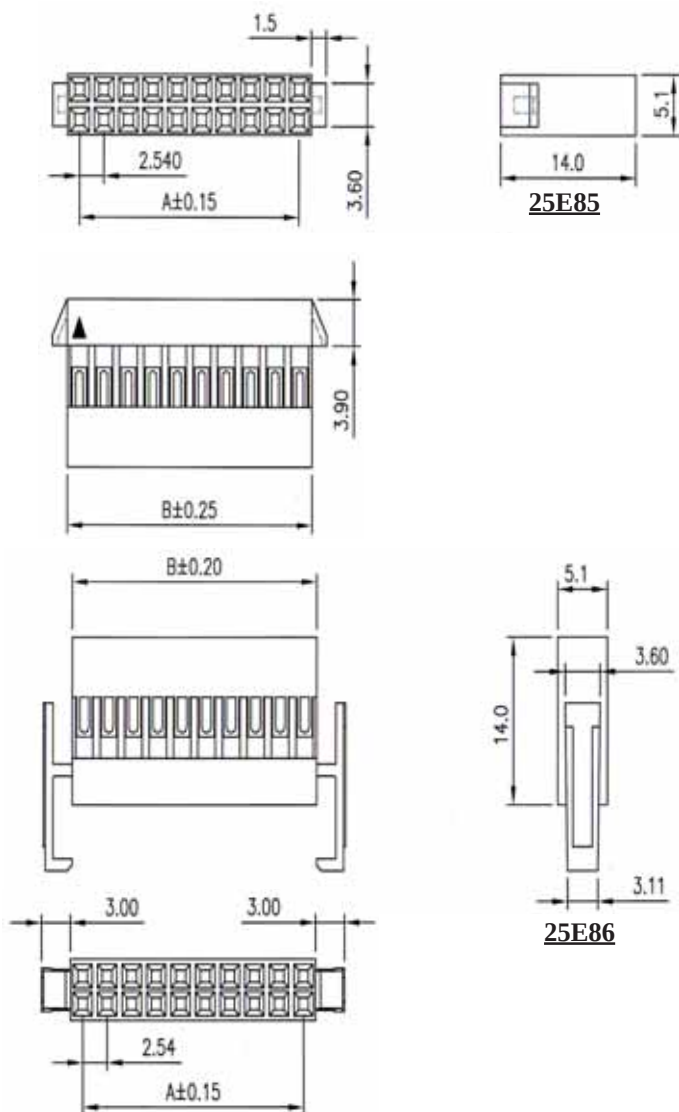
2. NO. OF CONTACTS:

001 through 006 for 25C74

002 through 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 xx - xx x H x
1 2 3

1. HOUSING TYPE:

"E85" SEE DRAWING!

"E86" SEE DRAWING!

2. NO. OF CONTACTS:

004 through 080

3. INSULATOR COLOR:

"B" BLACK (STANDARD)

"N" GREEN

"R" RED

"U" BLUE

"W" WHITE

"Y" YELLOW

"A" GRAY

"C" BROWN

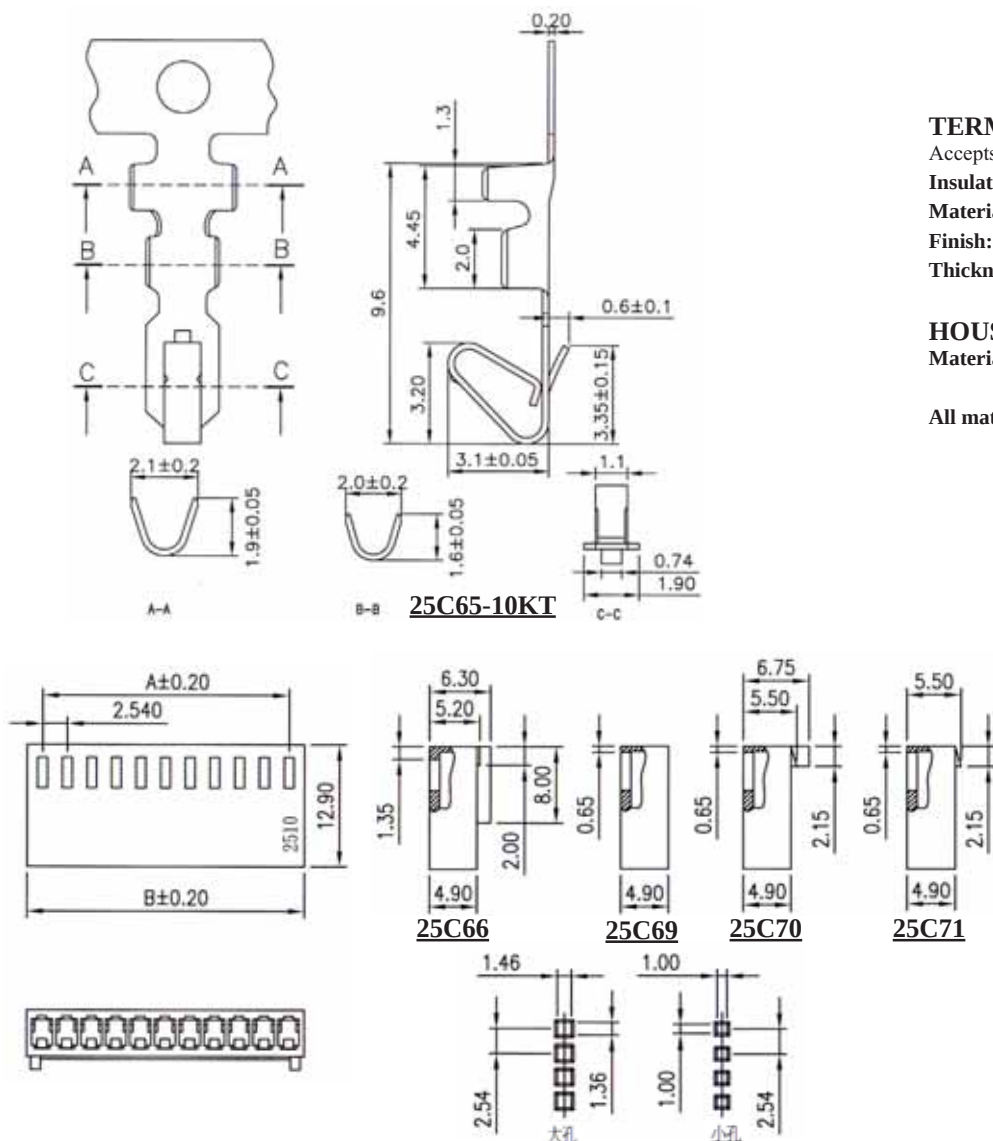
"O" ORANGE

"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 25C₁₁ - ₂₁ H₃

1. HOUSING TYPE:

"C66" TYPE A

"C69" TYPE F

"C70" TYPE Z

"C71" TYPE ZQ

2. NO. OF CONTACTS:

002 through 020

3. INSULATOR COLOR:

"V" IVORY (STANDARD)

"A" GRAY

"C" BROWN

"R" RED

"O" ORANGE

"Y" YELLOW

"N" GREEN

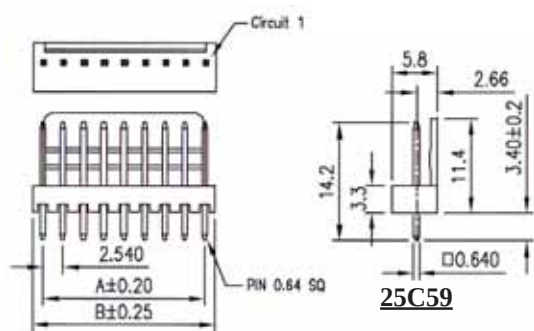
"U" BLUE

"P" PURPLE

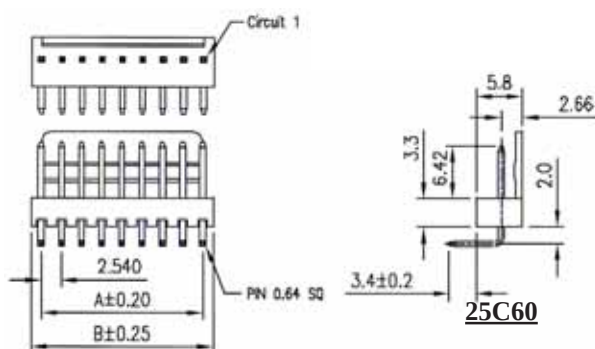
"W" WHITE

"K" PINK

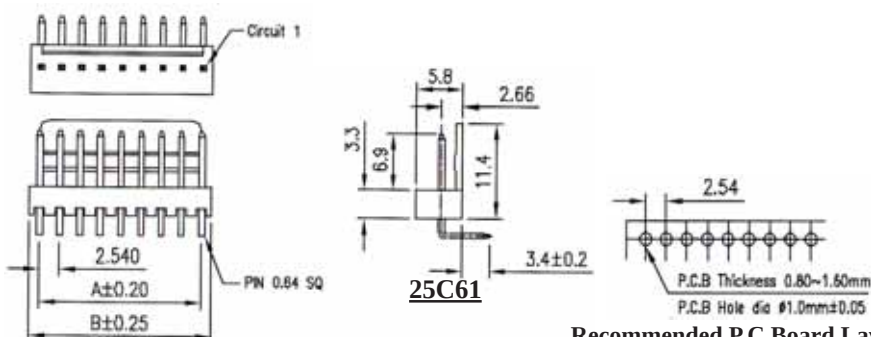
2.54MM(0.100") SPACING WIRE-TO-BOARD SYSTEM (D2)



25C59



25C60



25C61

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 2 5 C xx - xxx T V
1 2 3 4

1. CONNECTOR TYPE:

"C59" STRAIGHT TYPE
"C60" RIGHT ANGLE TYPE
"C61" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 through 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

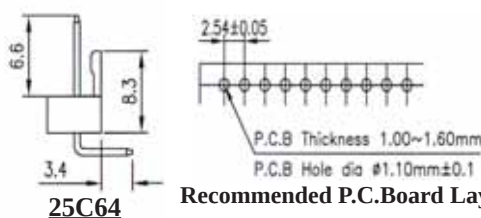
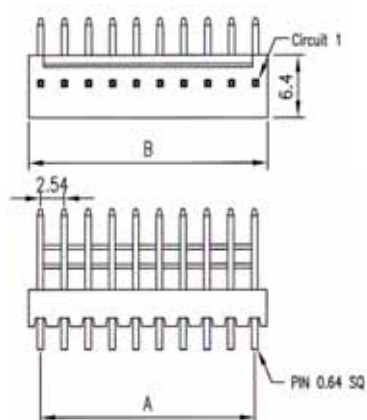
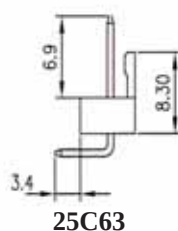
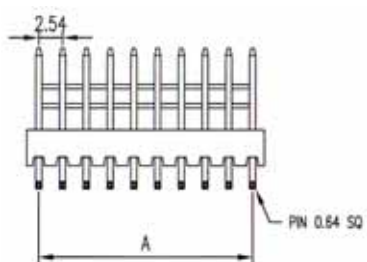
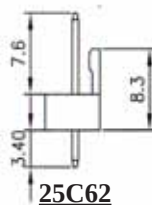
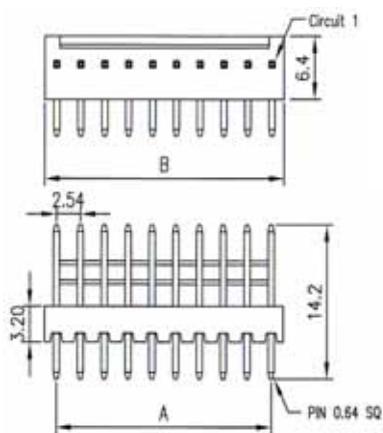
"P" PURPLE

"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 2 5 C x x - x x x T C
1 2 3 4

1. CONNECTOR TYPE:

"C62" STRAIGHT TYPE

"C63" RIGHT ANGLE TYPE

"C64" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 through 020

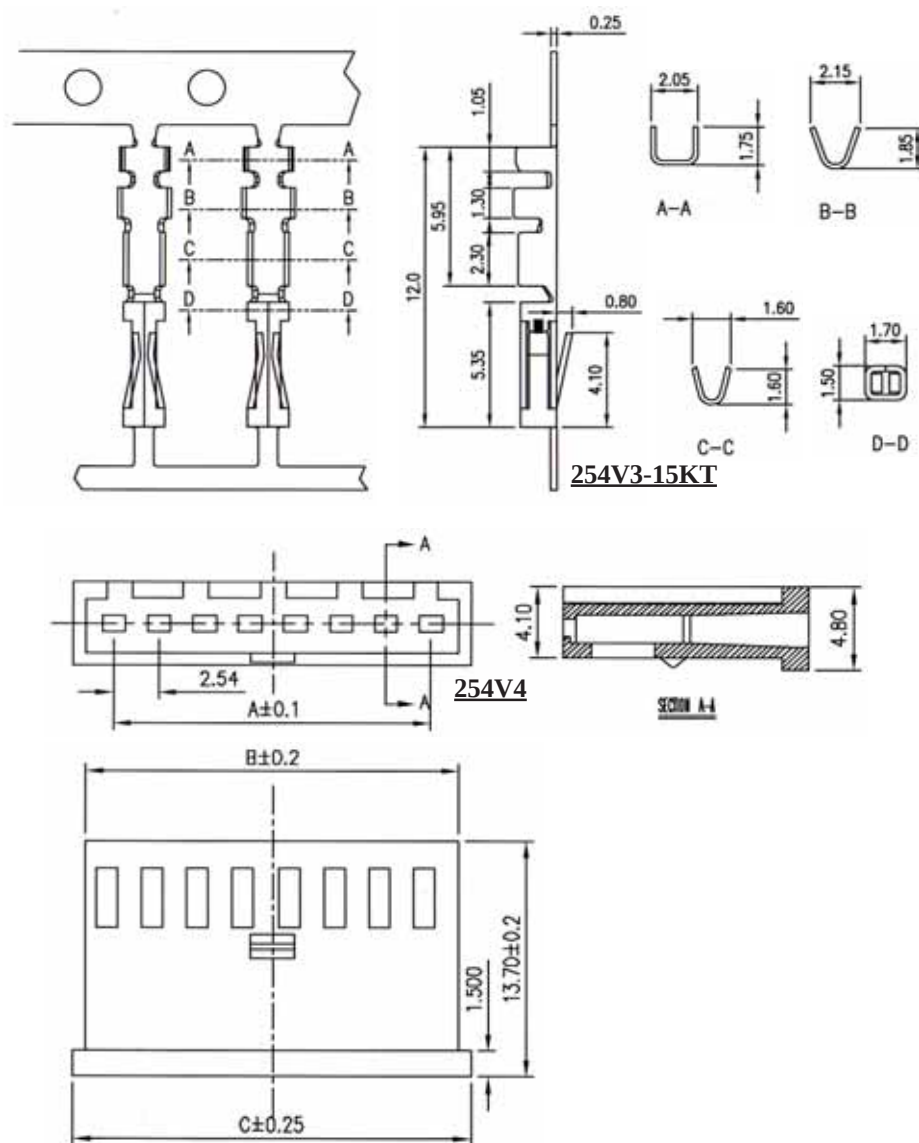
3. CONTACT FINISH:

"T" FULL TIN PLATED

4. 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	34.94
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

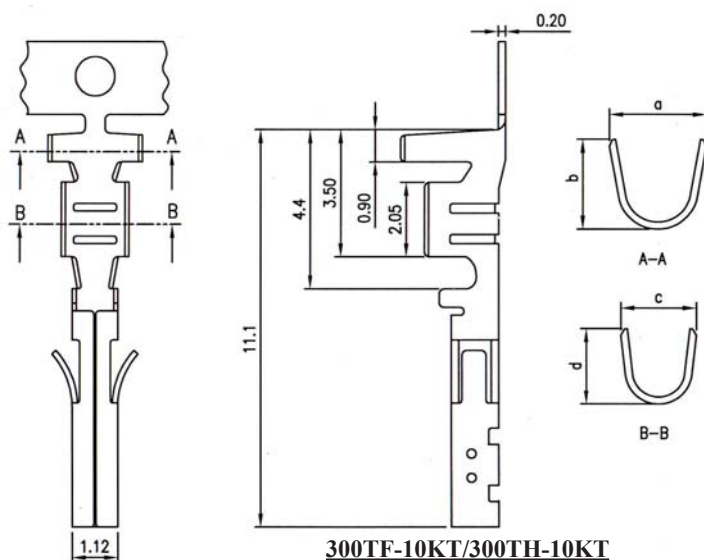
HOUSING:

P/N 254V4-XXXH B
1

1. NO. OF CONTACTS:
002 through 022

NOTE: ACCEPTS 254V3 TERMINAL

3.00MM(0.118") POWER CRIMP TERMINAL



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

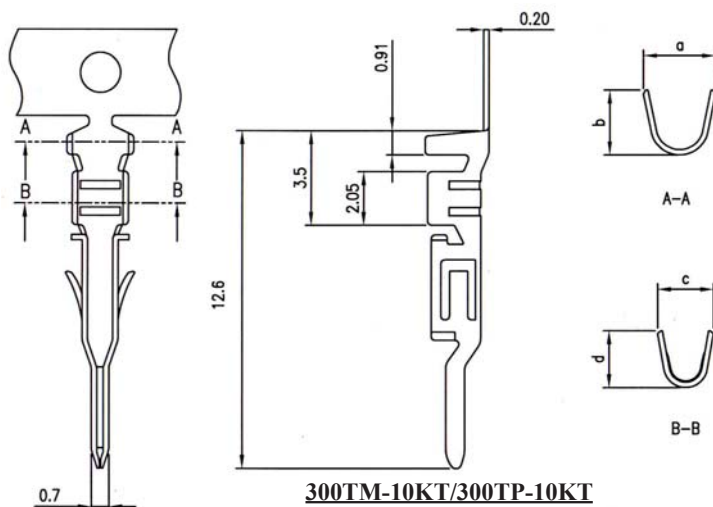
MATERIALS

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.



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

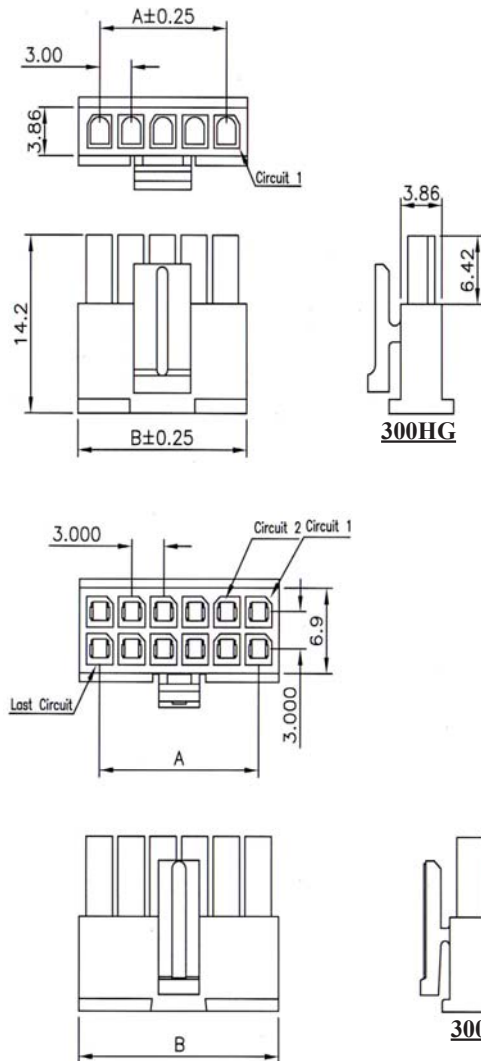
P/N 300TP-10KT

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

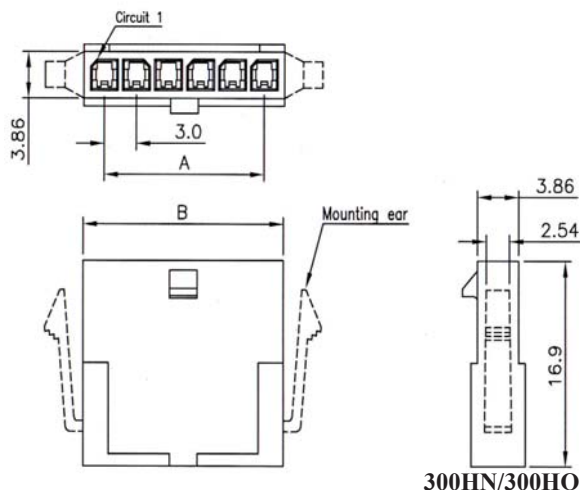
ORDERING INFORMATION:

P/N 300 $\frac{x}{1}$ - $\frac{xx}{2}$ $\frac{H}{3}$ $\frac{B}{4}$

1. NO. OF ROWS:
"HG" SINGLE ROW
"HF" DOUBLE ROW
2. NO. OF CONTACTS:
002 through 012 for SINGLE ROW
002 through 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.

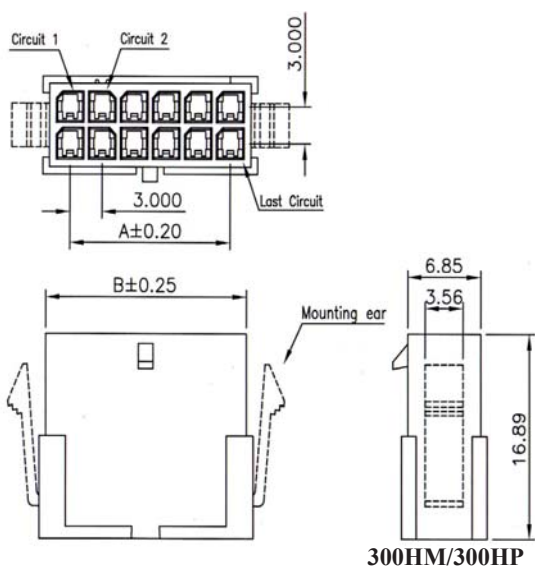
Operating Temperature: -25°C to +85°C

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 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{B}{34}$

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 through 012 for SINGLE ROW

002 through 024 for DOUBLE ROW

3. CONNECTOR TYPE:

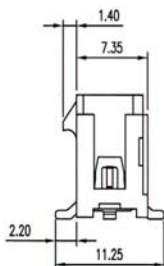
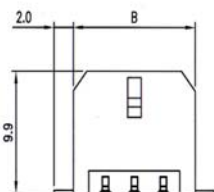
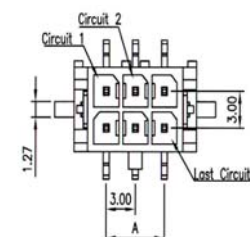
"H" HOUSING

4. INSULATOR:

"B" BLACK

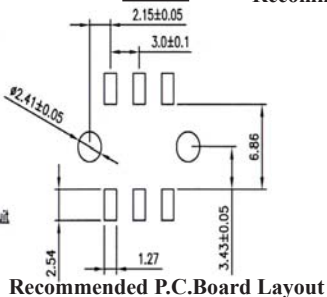
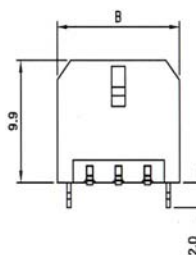
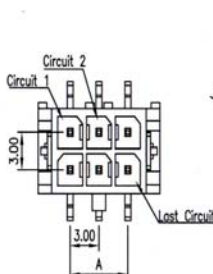
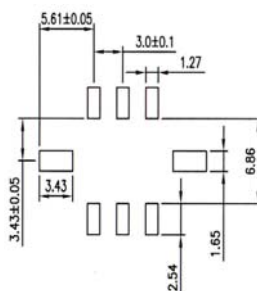
NOTE: ACCEPTS 300TM & 300TP TERMINALS

3.00MM(0.118") DOUBLE ROW SMT TYPE POWER CONNECTOR

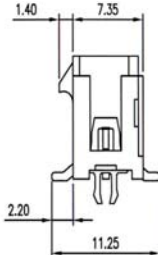


300SA

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

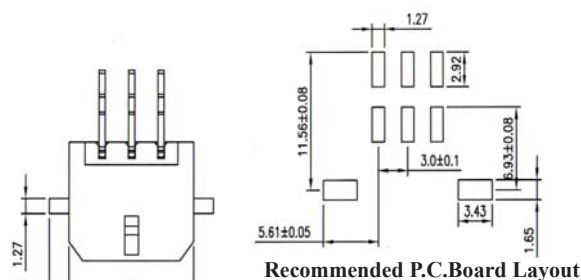
ORDERING INFORMATION:

P/N 300 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ $\frac{B}{4}$

- CONNECTOR TYPE:
"SA" WITH SOLDERABLE FITTING NAIL
"SB" WITH SOLDERABLE RETENTION CLIP
- NO. OF CONTACTS:
002 through 024
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"B" BLACK

NOTE: MATES WITH 300HF, 300HM
& 300HP HOUSINGS

3.00MM(0.118") DOUBLE ROW RIGHT ANGLE 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

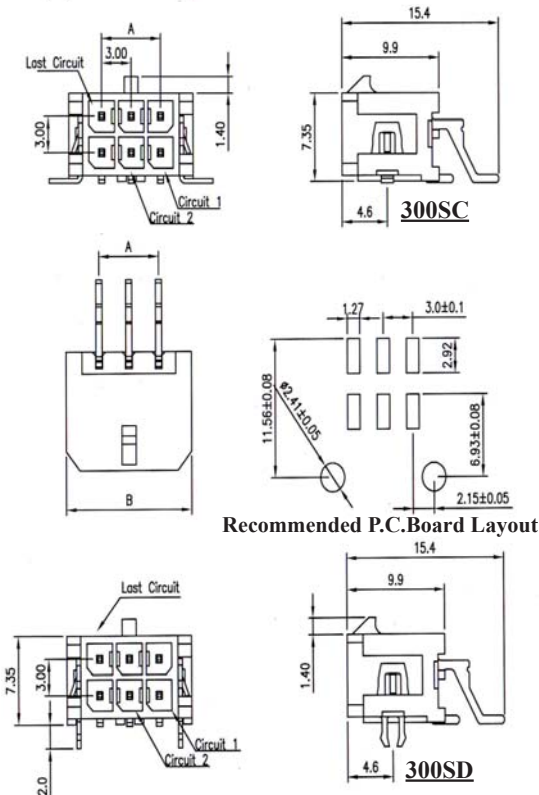
MATERIALS

Insulation Material: UL 94V-0

LCP

Contact Material: Brass

All materials must be RoHS compliant.



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

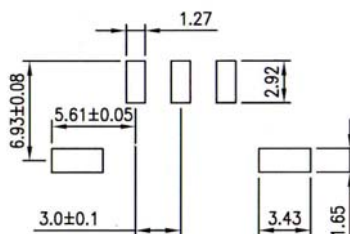
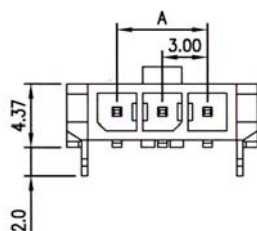
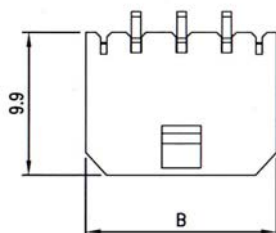
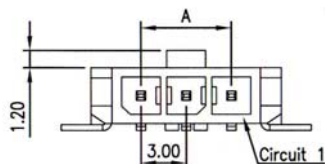
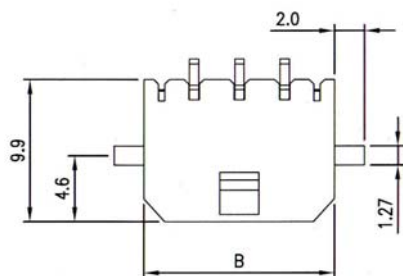
ORDERING INFORMATION:

P/N 3 0 0 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ $\frac{B}{4}$

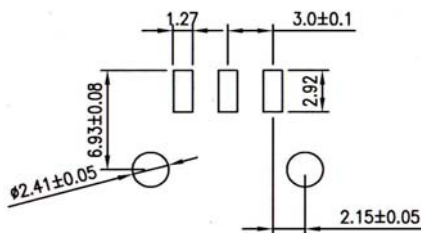
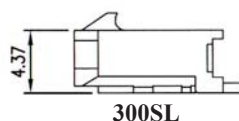
- CONNECTOR TYPE:
"SC" WITH SOLDERABLE FITTING NAIL
"SD" WITH SOLDERABLE RETENTION CLIP
- NO. OF CONTACTS:
002 through 024
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"B" BLACK

NOTE: MATES WITH 300HF, 300HM
& 300HP HOUSINGS

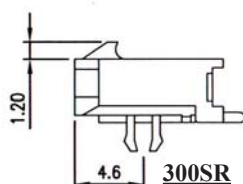
3.00MM(0.118") SINGLE ROW RIGHT ANGLE SMT TYPE POWER CONNECTOR



Recommended P.C.Board Layout



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

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

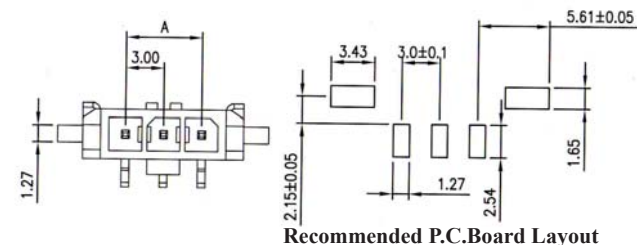
ORDERING INFORMATION:

P/N 300 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ $\frac{B}{4}$

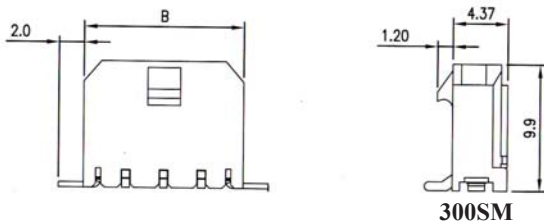
- CONNECTOR TYPE:
"SL" WITH SOLDERABLE FITTING NAIL
"SR" WITH SOLDERABLE RETENTION CLIP
- NO. OF CONTACTS:
002 through 012
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"B" BLACK

NOTE: MATES WITH 300HG, 300HN
& 300HQ HOUSINGS

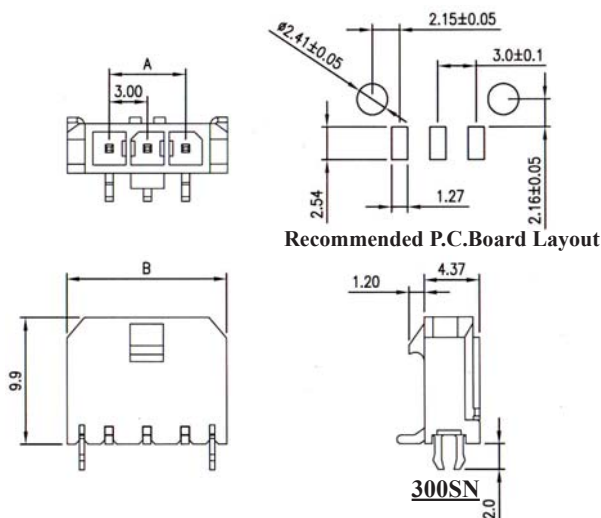
3.00MM(0.118") SINGLE ROW SMT TYPE POWER CONNECTOR



Recommended P.C.Board Layout



300SM



Recommended P.C.Board Layout

300SN

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

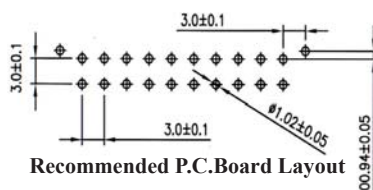
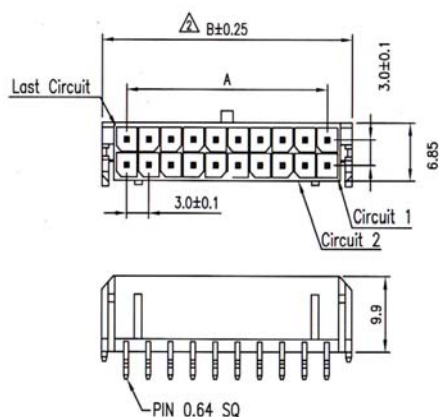
ORDERING INFORMATION:

P/N 300 xx - xxx T B
1 2 3 4

- CONNECTOR TYPE:
"SM" WITH SOLDERABLE FITTING NAIL
"SN" WITH SOLDERABLE RETENTION CLIP
- NO. OF CONTACTS:
002 through 012
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"B" BLACK

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

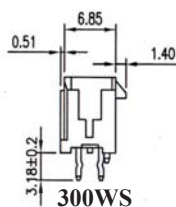
MATERIALS

Insulation Material: UL 94V-0

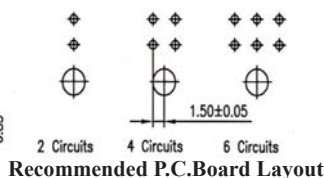
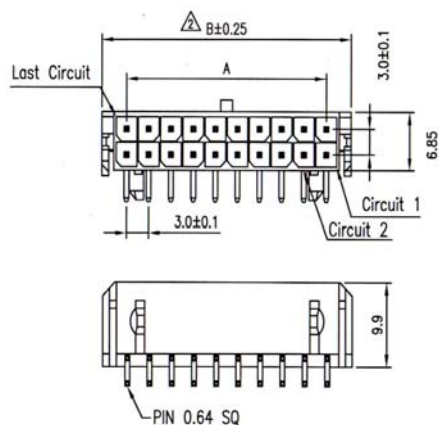
Nylon 46

Contact Material: Brass

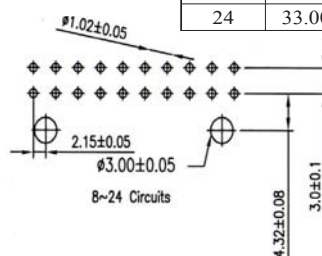
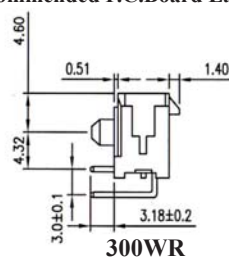
All materials must be RoHS compliant.



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



300WR



Recommended P.C.Board Layout

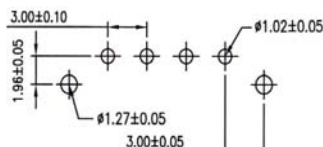
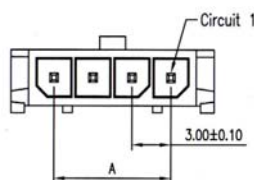
ORDERING INFORMATION:

P/N 3 0 0 xx - xxx T B
1 2 3 4

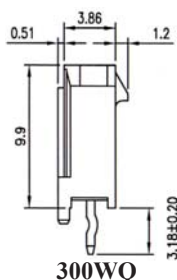
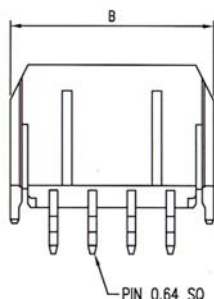
1. TERMINAL TYPE:
"WS" STRAIGHT TYPE
"WR" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 through 024
3. CONTACT FINISH:
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK

NOTE: MATES WITH 300HF, 300HM & 300HP HOUSINGS

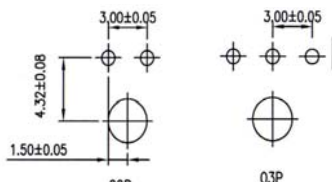
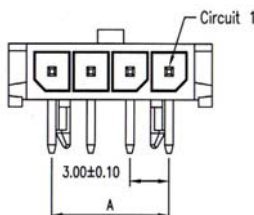
3.00MM(0.118") SINGLE ROW PCB MOUNT POWER CONNECTOR



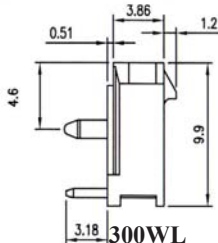
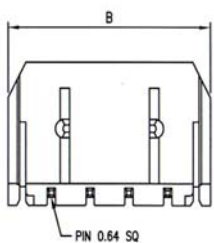
Recommended P.C.Board Layout



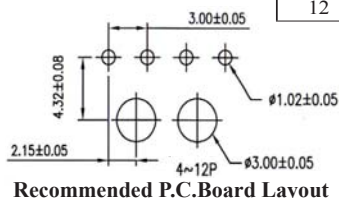
300WQ



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

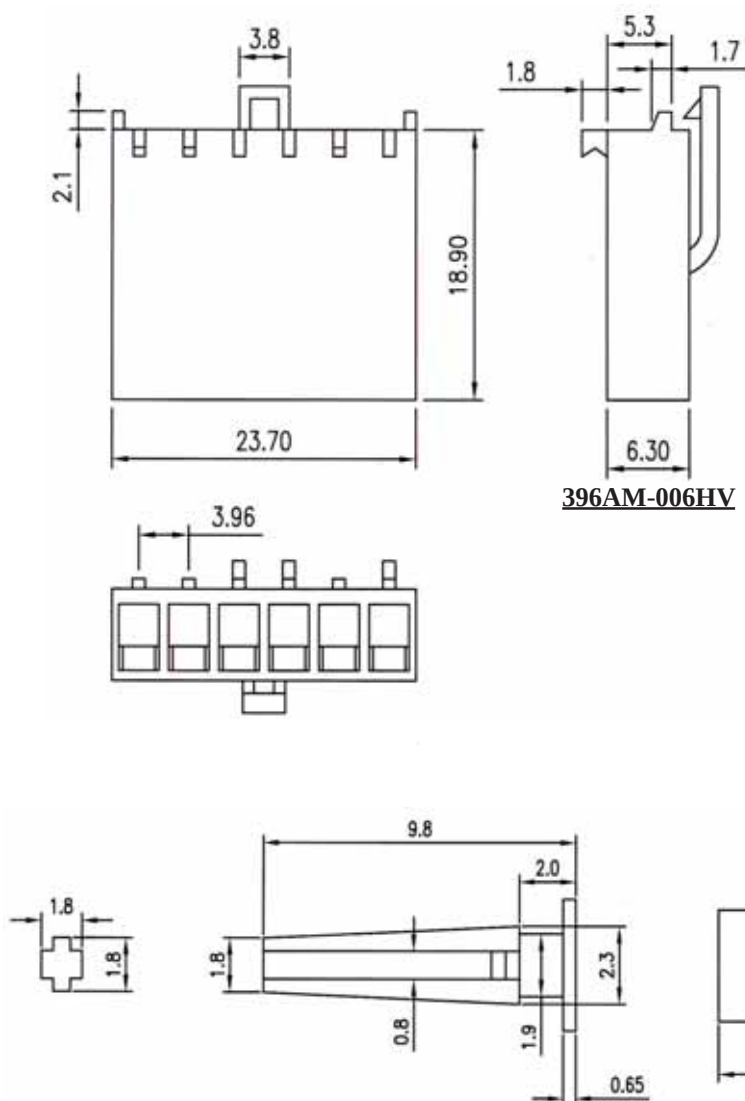
ORDERING INFORMATION:

P/N 300 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ $\frac{B}{4}$

1. TERMINAL TYPE:
"WQ" STRAIGHT TYPE
"WL" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 through 012
3. CONTACT FINISH:
"T" FULL TIN PLATED
4. INSULATOR COLOR:
"B" BLACK

NOTE: MATES WITH 300HG, 300HN & 300HQ HOUSINGS

3.96MM(0.156") MEDIUM CURRENT POWER CONNECTOR SYSTEM (1)



SPECIFICATIONS

Current Rating: 7.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000M Ω Min

Contact Resistance: 20m Ω 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

POLARIZATION KEY:

P/N 396KY-001K_x₁

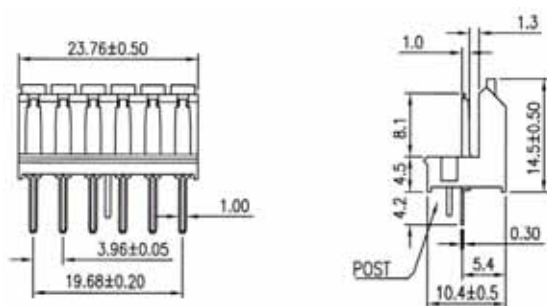
NOTE: ACCEPTS 396MT & 396MU TERMINALS

1. INSULATOR COLOR:

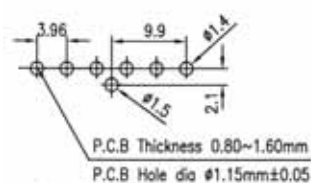
"V" NATURE

"W" WHITE

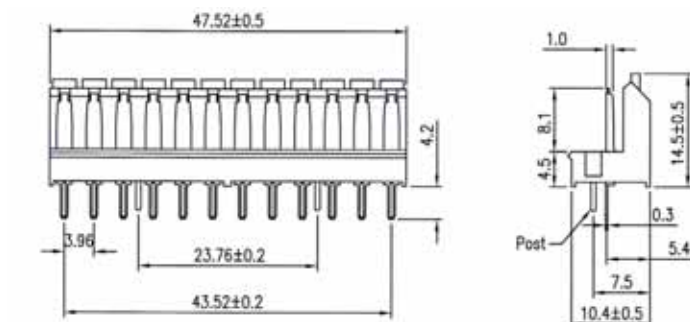
3.96MM(0.156") MEDIUM CURRENT POWER CONNECTOR SYSTEM (2)



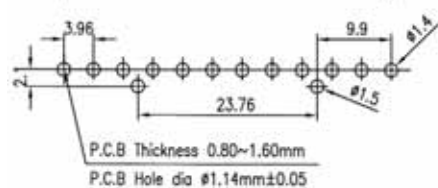
396AN-006TV/396AP-006TV



Recommended P.C.Board Layout



396AN-012TV/396AP-012TV



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 3 9 6 $\frac{xx}{1}$ - $\frac{xxx}{2}$ T V

1. POST OPTION:
"AN" WITH POST (STANDARD)
"AP" WITHOUT POST
2. NO. OF CONTACTS:
006, 012

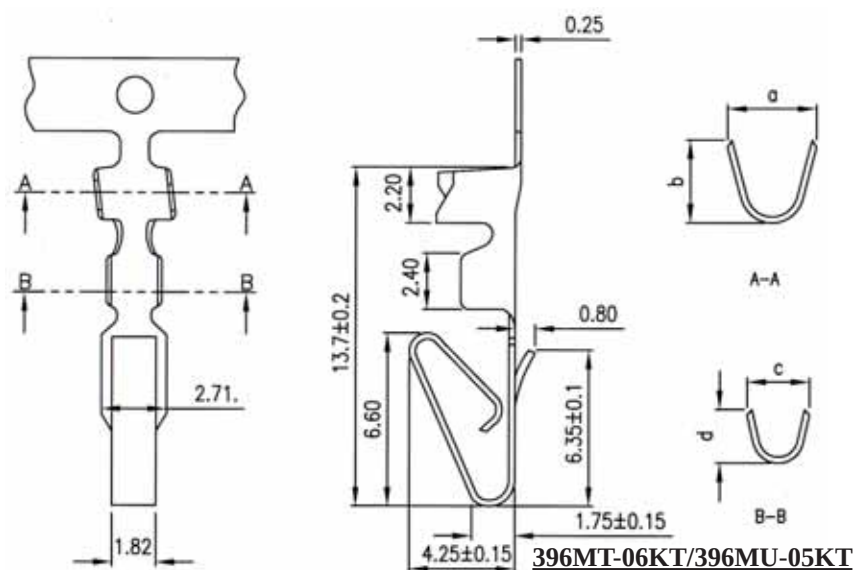
SPECIFICATIONS

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)

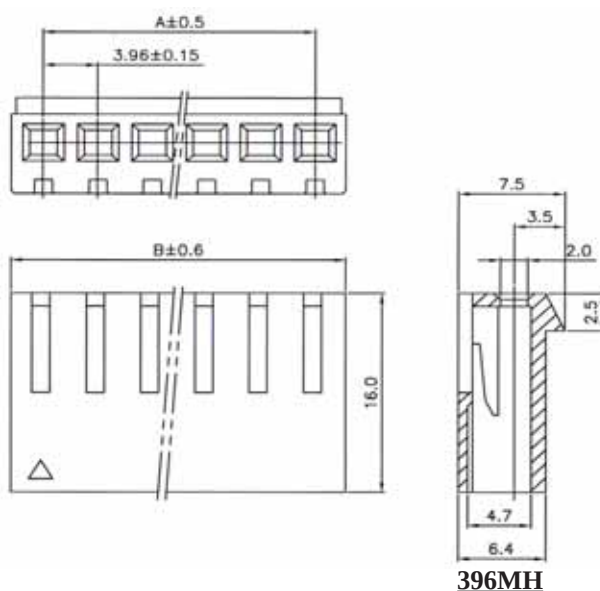


SPECIFICATIONS

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

P/N 396MU-05KT

FOR AWG# 16-22 WIRES
PU= 5.000PCS/REEL

NOTE: ACCEPTS 396MH HOUSING

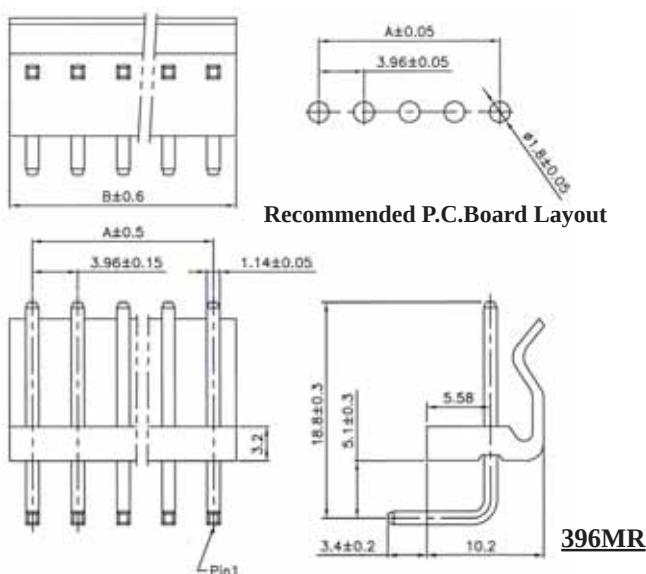
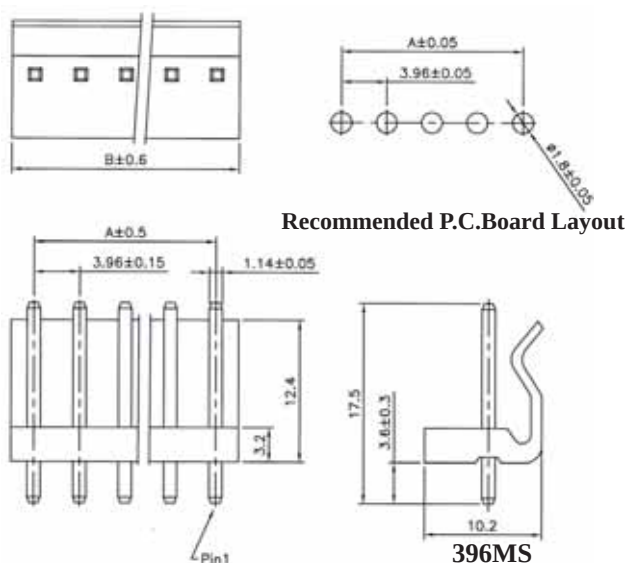
HOUSING:

P/N 396MH - XXX HV
1

1. NO. OF CONTACTS:
002 through 014

NOTE: ACCEPTS 396MT & 396MU TERMINALS

3.96MM(0.156") SPACING WIRE-TO-BOARD SYSTEM (A2)



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

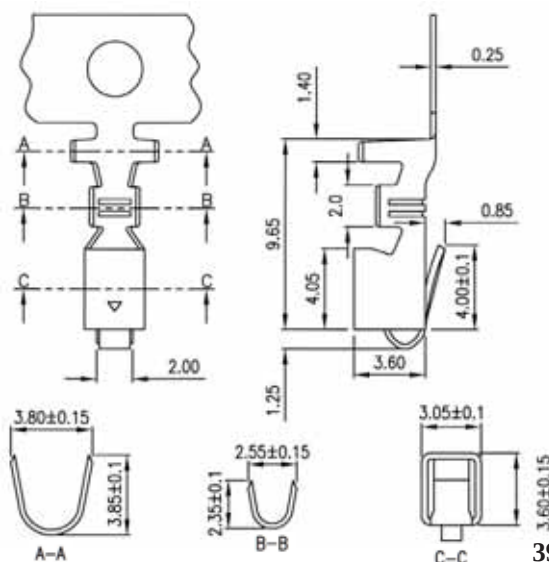
ORDERING INFORMATION:

P/N 3 9 6 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$ T V

1. TERMINAL TYPE:
 "MS" STRAIGHT TYPE
 "MR" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
 002 through 014
3. CONTACT FINISH:
 "T" FULL TIN PLATED

NOTE: MATES WITH 396MH HOUSING

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

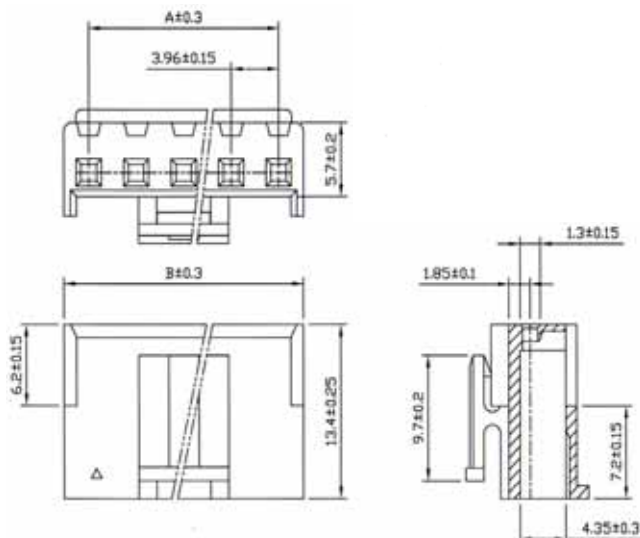
Finish: Tin Plated

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:

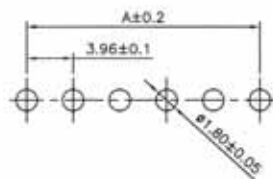
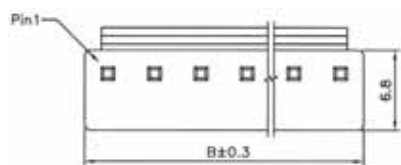
P/N 396VH - xxx HV
1

1. NO. OF CONTACTS:

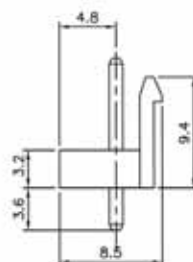
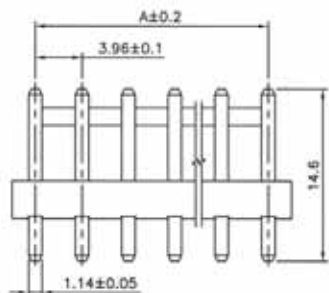
002 through 015

NOTE: ACCEPTS 396VT TERMINAL

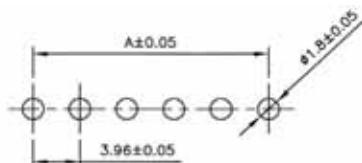
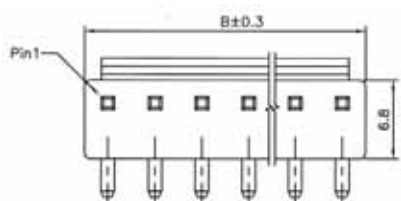
3.96MM(0.156") SPACING WIRE-TO-BOARD SYSTEM (B2)



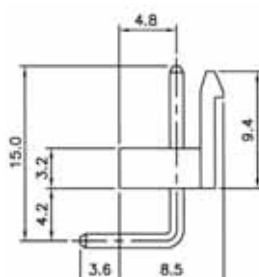
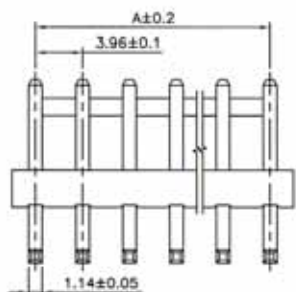
Recommended P.C.Board Layout



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

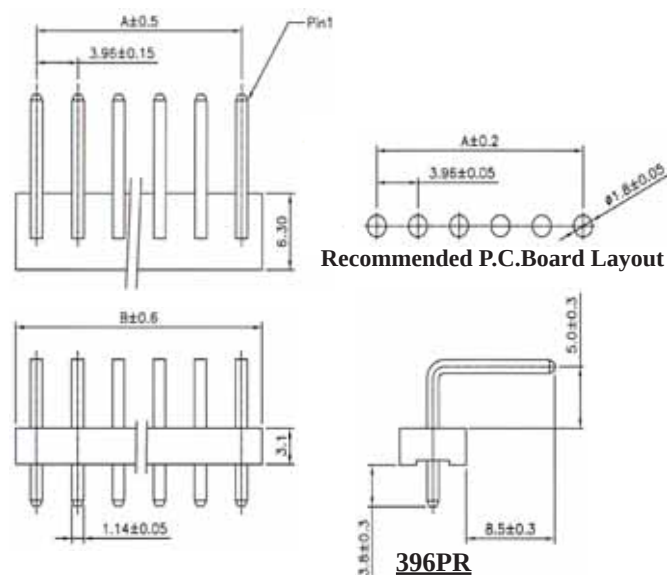
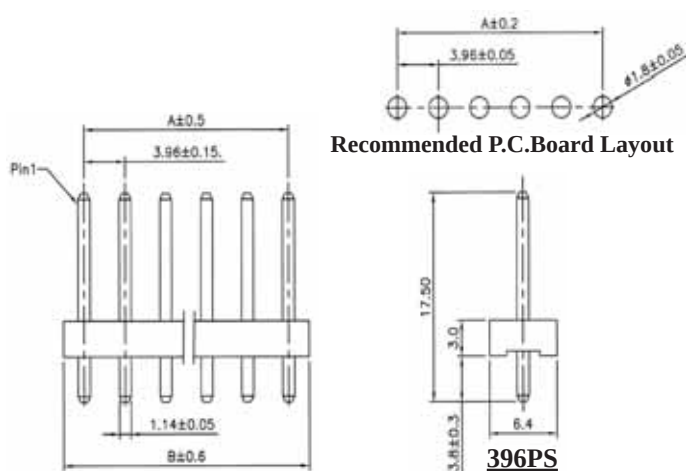
ORDERING INFORMATION:

P/N 3 9 6 x x - x x x T V
 1 2

1. TERMINAL TYPE:
"VS" STRAIGHT TYPE
"VR" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:
002 through 015

NOTE: MATES WITH 396VH HOUSING

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 $\frac{x}{1}$ - $\frac{x}{2}$ T W

1. TERMINAL TYPE:

"PS" STRAIGHT TYPE

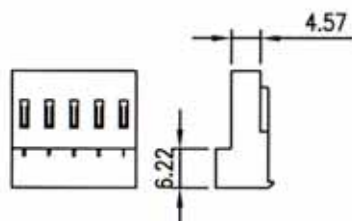
"PR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

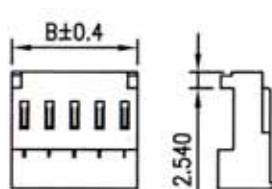
002 through 014

NOTE: MATES WITH 396MH HOUSING

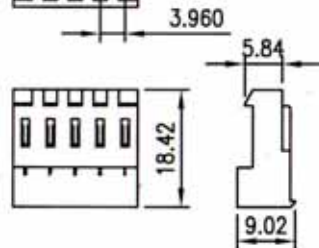
3.96MM(0.156") IDC CONNECTOR CLOSED END TYPE (1)



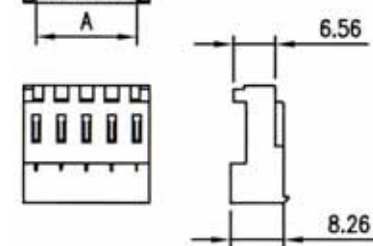
W/O LOCKING RAMP &
W/O POLARIZING TABS



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 through 018

3. CONTACT FINISH:

"T" FULL TIN PLATED

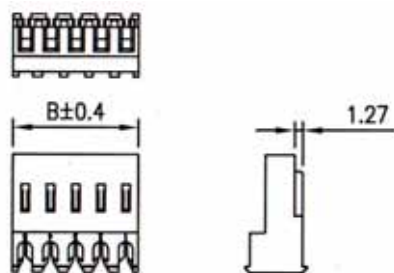
4. INSULATOR COLOR:

"O" ORANGE (#18)
"Y" YELLOW (#20)
"R" RED (#22)
"W" WHITE (#24)
"U" BLUE (#26)

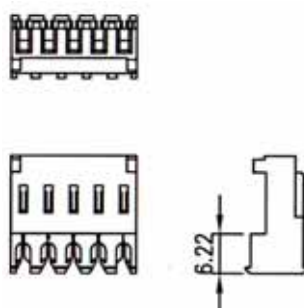
5. LOCKING & POLARIZING OPTION:

"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

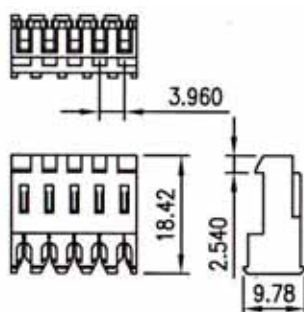
3.96MM(0.156") IDC CONNECTOR FEED-THRU TYPE (2)



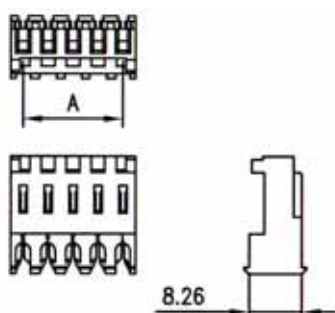
W/O LOCKING RAMP &
W/O POLARIZING TABS



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 $\frac{F}{1} \frac{x}{2} \frac{x}{3} - \frac{x}{4} \frac{x}{5} \frac{T}{3} \frac{x}{4} - \frac{x}{5} \frac{x}{5}$

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 through 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:

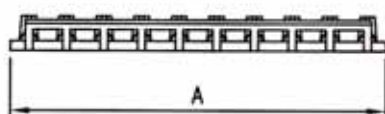
"00" W/O LOCKING RAMP &
W/O POLARIZING TABS

"0P" W/O LOCKING RAMP &
WITH POLARIZING TABS

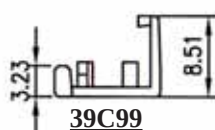
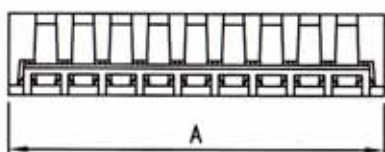
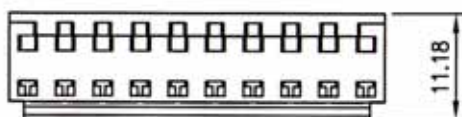
"L0" WITH LOCKING RAMP &
W/O POLARIZING TABS

"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 $\frac{x}{1}$ 9 9 - $\frac{x}{2}$ $\frac{x}{3}$ $\frac{x}{4}$ C x

1. STRAIN RELIEF COVER TYPE:

"C99" CLOSED END TYPE

"F99" FEED-THRU TYPE

2. NO. OF CONTACTS:

002 through 018

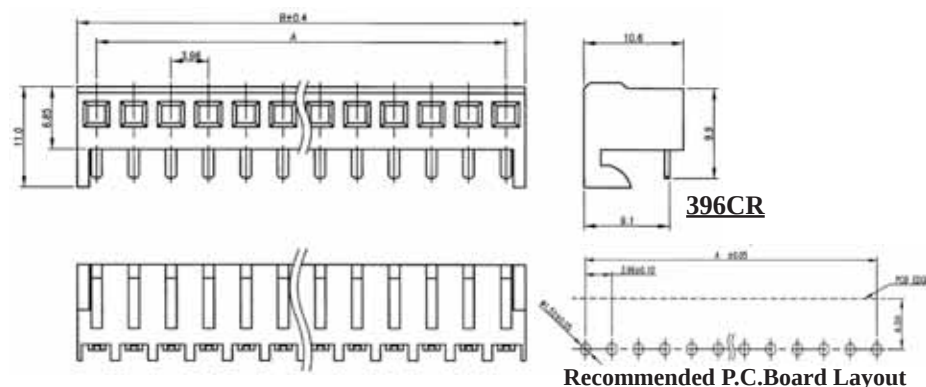
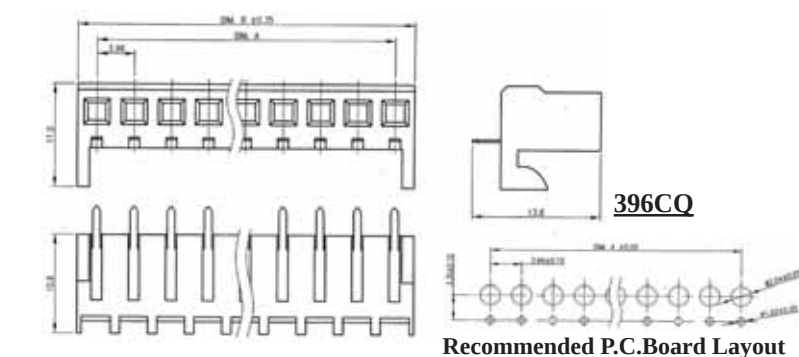
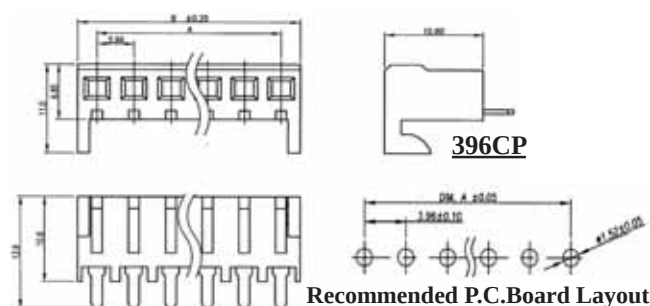
3. CONNECTOR TYPE:

"C" STRAIN RELIEF COVER

4. INSULATOR COLOR:

"V" IVORY

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.

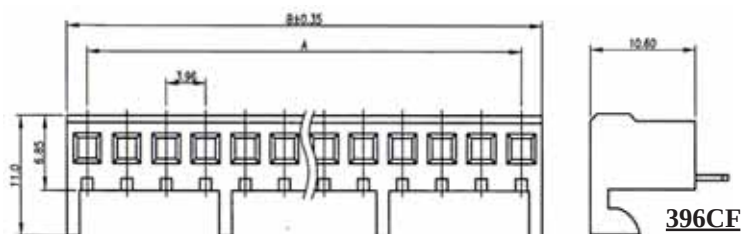
No. of Contacts	Dimensions(mm)	
	A	B
02	3.96	8.06
03	7.92	12.02
04	11.88	15.98
05	15.84	19.94
06	19.80	23.90
07	23.76	27.86
08	27.72	31.82
09	31.68	35.78
10	35.64	39.74
11	39.60	43.70
12	43.56	47.66
13	47.52	51.62
14	51.48	55.58
15	55.44	59.54
16	59.40	63.50

ORDERING INFORMATION:

P/N 3 9 6 $\frac{x}{1}$ - $\frac{x}{2}$ T $\frac{x}{3}$

- CONNECTOR TYPE:
"CP" TOP ENTRY STRAIGHT TYPE
"CQ" BOTTOM ENTRY STRAIGHT TYPE
"CR" RIGHT ANGLE TYPE
- NO. OF CONTACTS:
002 through 016
- 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

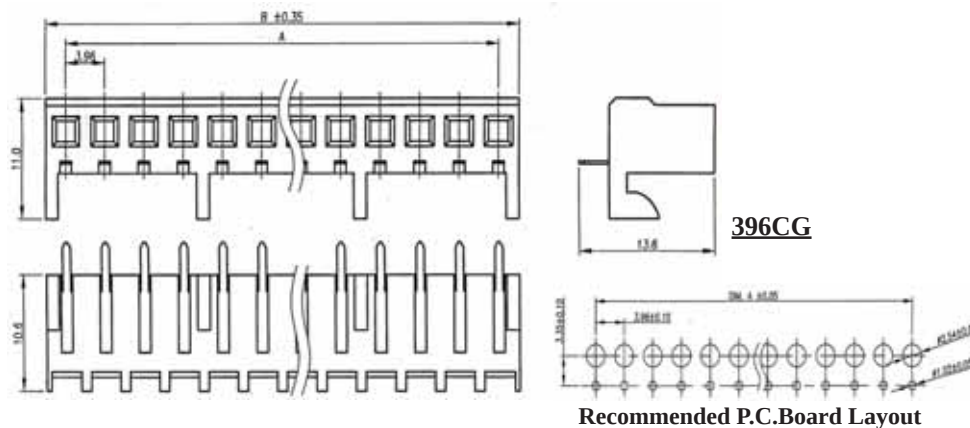
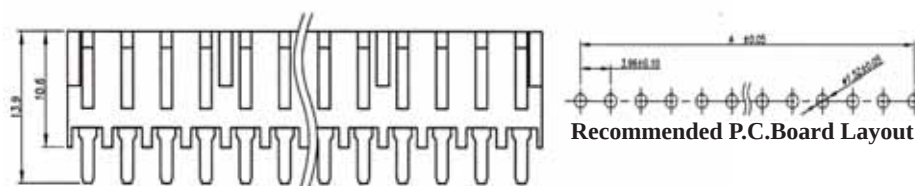
MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

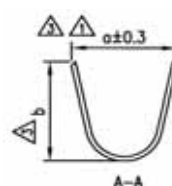
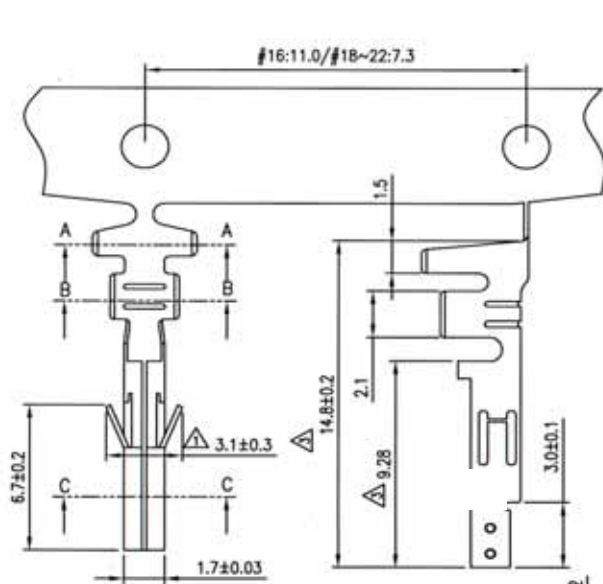
No. of Contacts	Dimensions(mm)	
	A	B
02	3.96	8.06
03	7.92	12.02
04	11.88	15.98
05	15.84	19.94
06	19.80	23.90
07	23.76	27.86
08	27.72	31.82
09	31.68	35.78
10	35.64	39.74
11	39.60	43.70
12	43.56	47.66
13	47.52	51.62
14	51.48	55.58
15	55.44	59.54
16	59.40	63.50

ORDERING INFORMATION:

P/N 3 9 6 $\frac{x}{1} - \frac{x}{2} \frac{x}{3} \frac{T}{4} x$

- CONNECTOR TYPE:
"CF" TOP ENTRY WITH 4 PEGS
"CG" BOTTOM ENTRY WITH 4 PEGS
- NO. OF CONTACTS:
007 through 016
- CONTACT FINISH:
"T" FULL TIN PLATED
- INSULATOR COLOR:
"W" WHITE (STANDARD)
"M" MILK WHITE

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM (1)



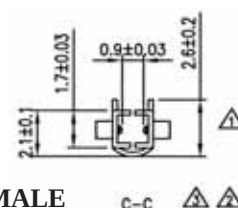
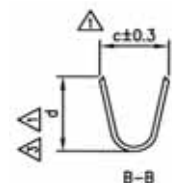
TERMINAL

Material: Brass & Phosphor Bronze

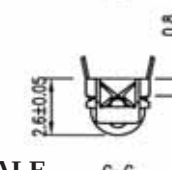
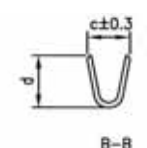
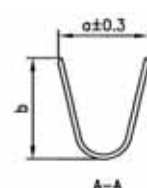
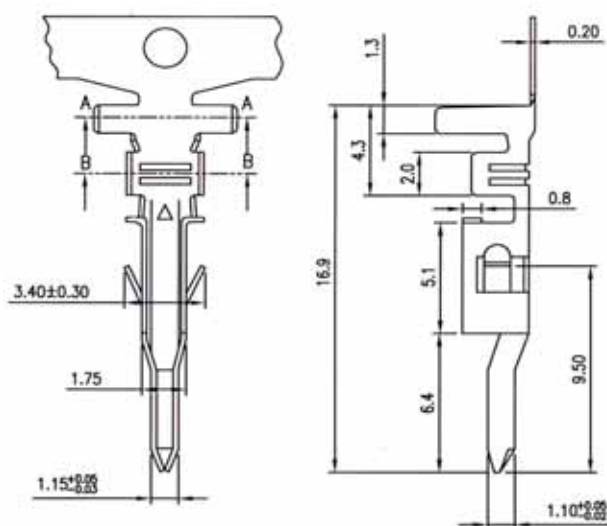
Finish: Tin Plated

Thickness: 0.2mm

Insulation: O.D.=3.1mm for AWG# 16
O.D.=1.6~2.1mm for AWG# 18-22



FEMALE



MALE

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-05KT*

FEMALE CRIMP TERMINAL
FOR AWG# 16 WIRES
PU= 5.000PCS/REEL

P/N 420TR-05KT*

MALE CRIMP TERMINAL
FOR AWG# 16 WIRES
PU= 5.000PCS/REEL

P/N 420TJ-10KT*

FEMALE CRIMP TERMINAL
FOR AWG# 18-22 WIRES
PU= 10.000PCS/REEL

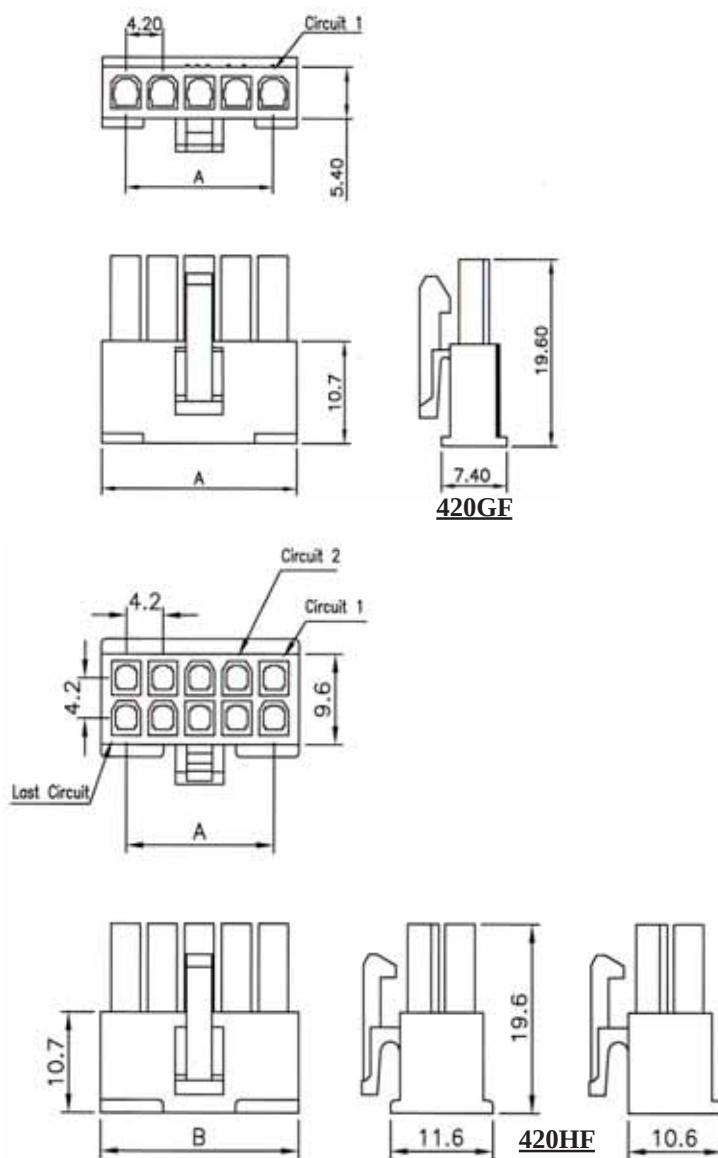
P/N 420TS-05KT*

MALE CRIMP TERMINAL
FOR AWG# 18-22 WIRES
PU= 5.000PCS/REEL

* = C MEANS FORM IN CHAIN

* = L MEANS FORM IN LOOSE

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM (2)



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

1. NO. OF ROWS:

"GF" SINGLE ROW

"HF" DOUBLE ROW

2. NO. OF CONTACTS:

002 through 006 for SINGLE ROW

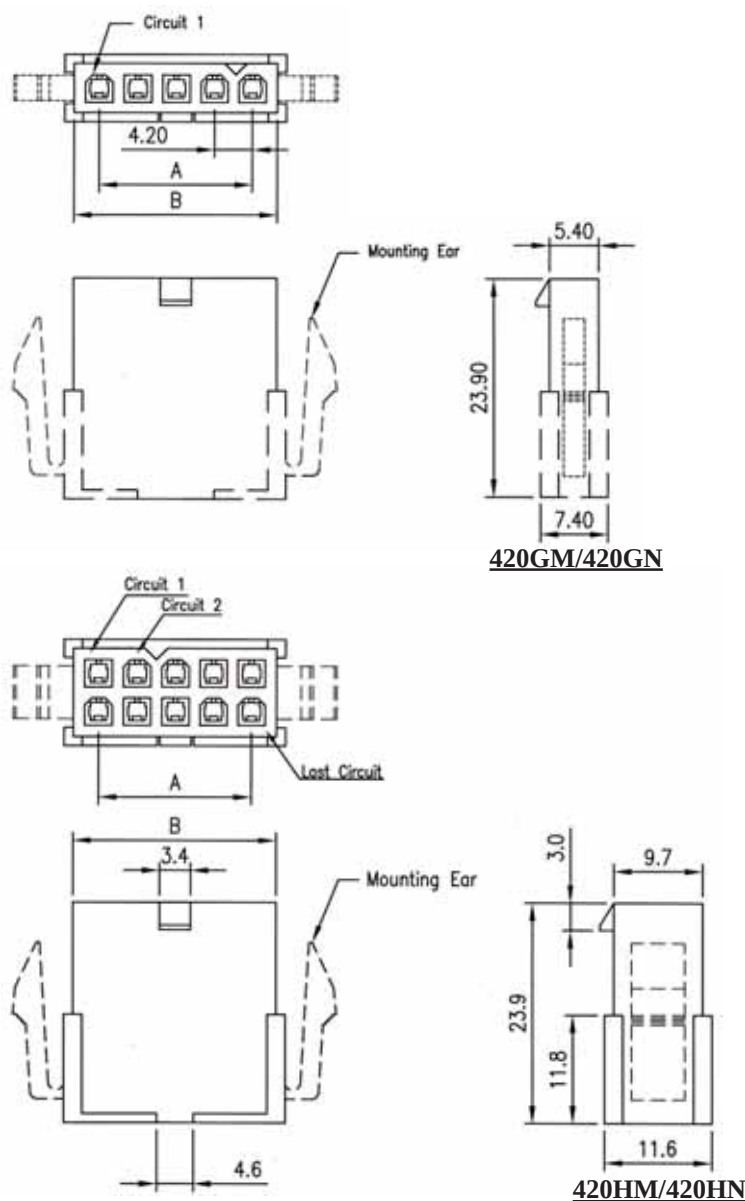
002 through 024 for DOUBLE ROW

3. CONNECTOR TYPE:

"H" HOUSING

NOTE: ACCEPTS 420TH & 420TJ TERMINALS

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM (3)



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 $\frac{x}{1} \frac{x}{2}$ H W

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

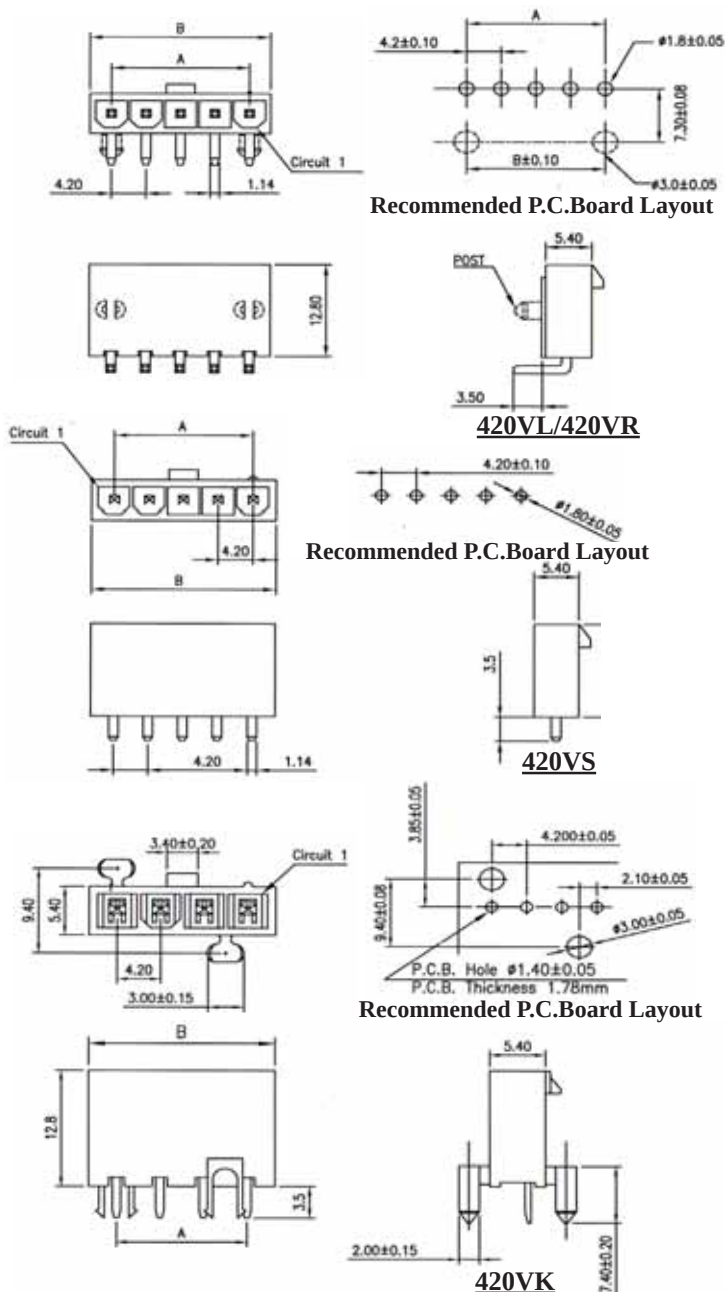
2. NO. OF CONTACTS:

002 through 006 for SINGLE ROW

002 through 024 for DOUBLE ROW

NOTE: ACCEPTS 420TR & 420TS TERMINALS

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM (4)



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 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ W

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

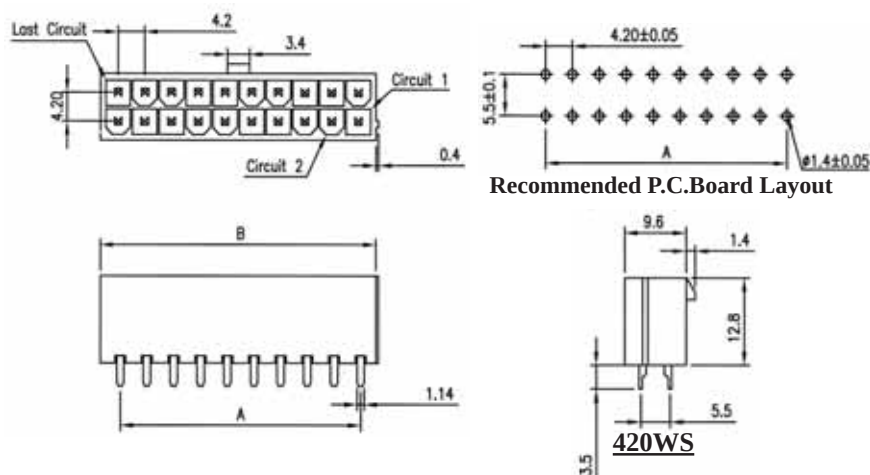
2. NO. OF CONTACTS:

002 through 006

3. CONTACT FINISH:

"T" FULL TIN PLATED

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM (5)



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

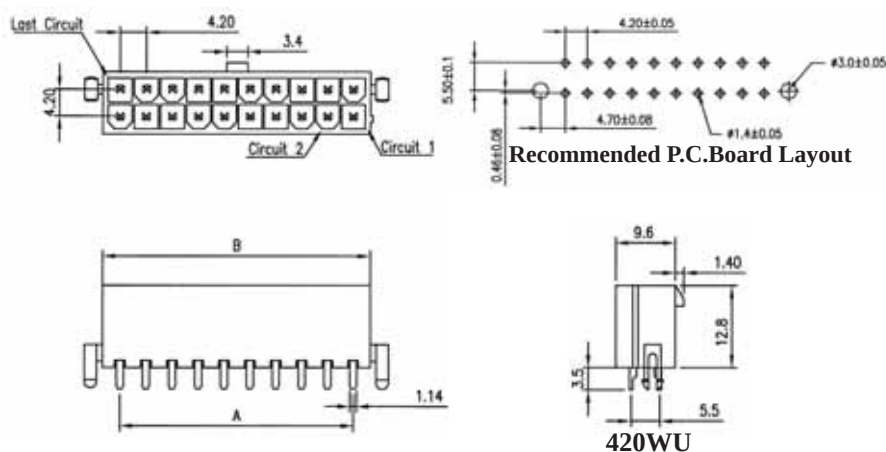
Nylon 66

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	51.60



ORDERING INFORMATION:

P/N 4 2 0 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{T}{3}$ W

1. LOCATING PEG OPTION:

"WS" STRAIGHT TYPE W/O LOCATING PEG

"WU" STRAIGHT TYPE WITH LOCATING PEG

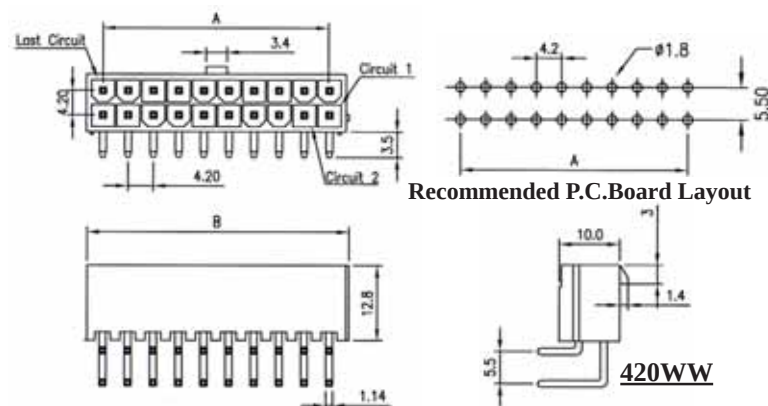
2. NO. OF CONTACTS:

002 through 024

3. CONTACT FINISH:

"T" FULL TIN PLATED

4.20MM(0.165") HIGH CURRENT POWER CONNECTOR SYSTEM (6)



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

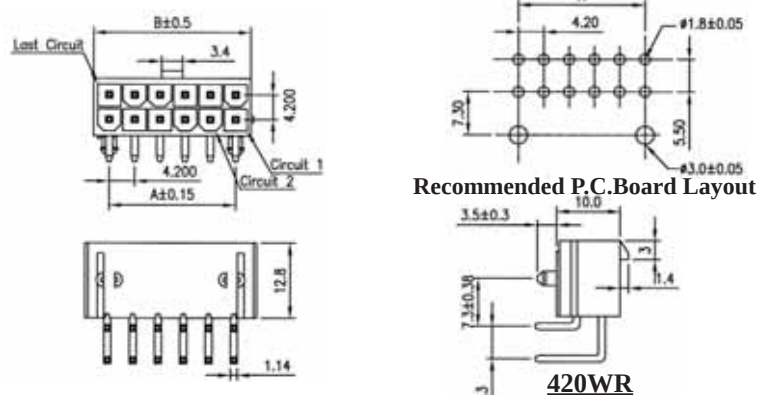
MATERIALS

Insulation Material: UL 94V-2

Nylon 66

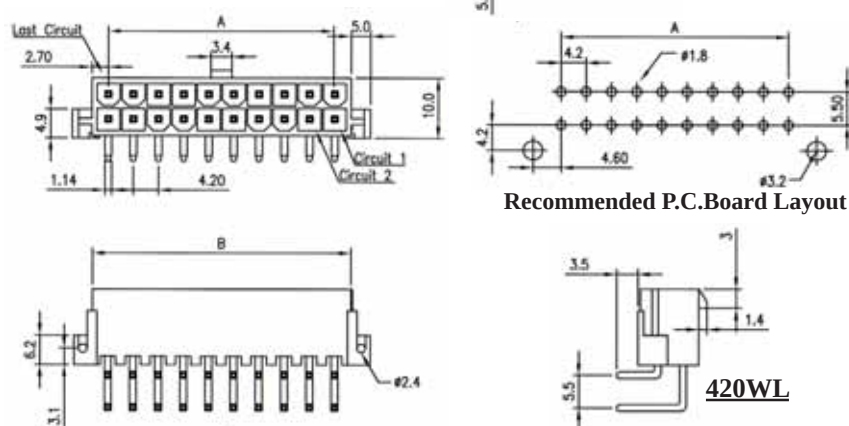
Contact Material: Brass

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

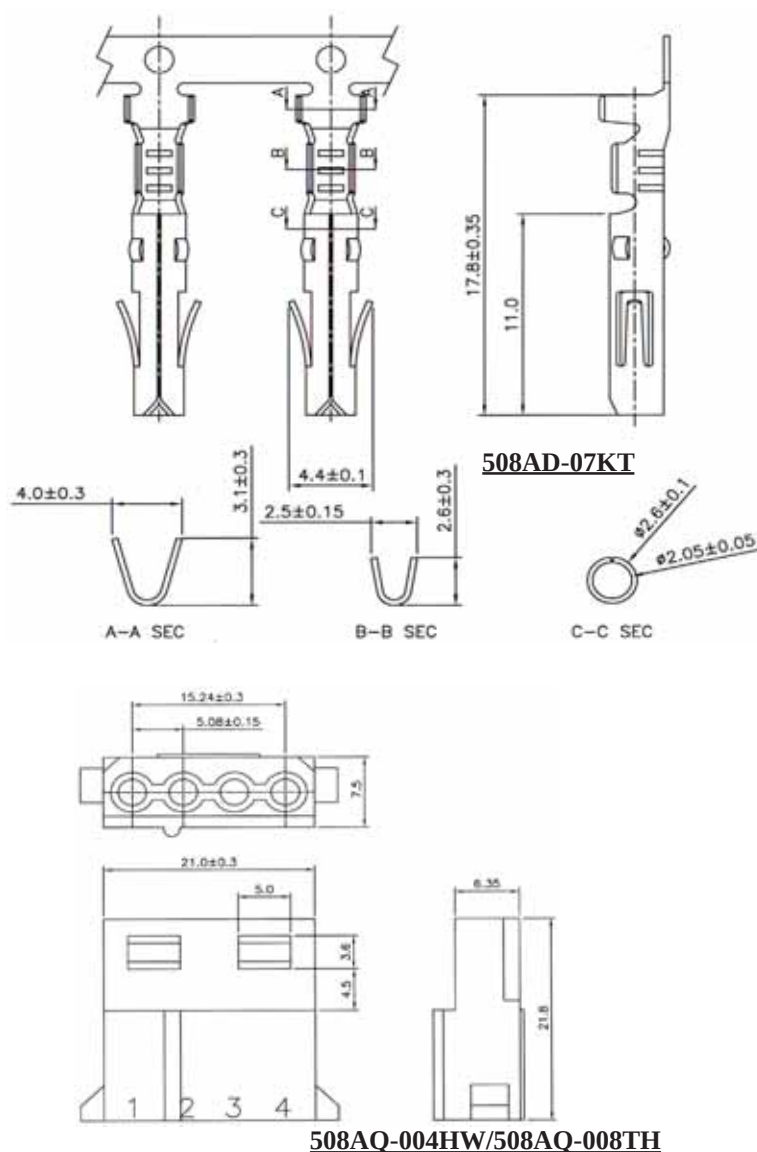


ORDERING INFORMATION:

P/N 4 2 0 xx - xxx T W

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 through 024
3. CONTACT FINISH:
"T" FULL TIN PLATED

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-004HW

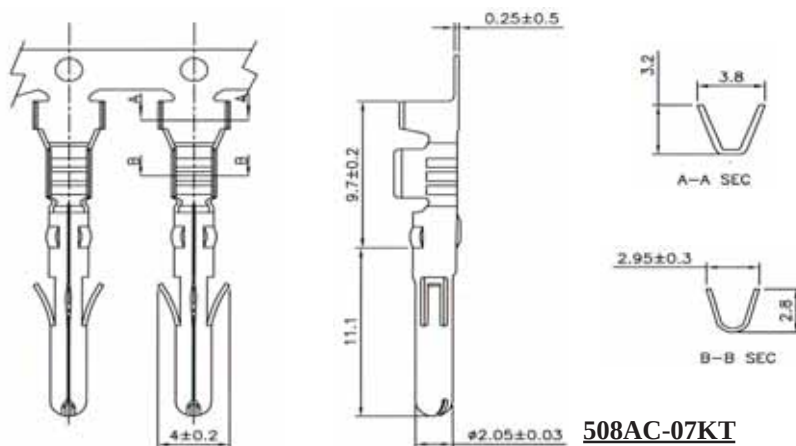
4 PIN HOUSING

NOTE: ACCEPTS 508AD TERMINAL

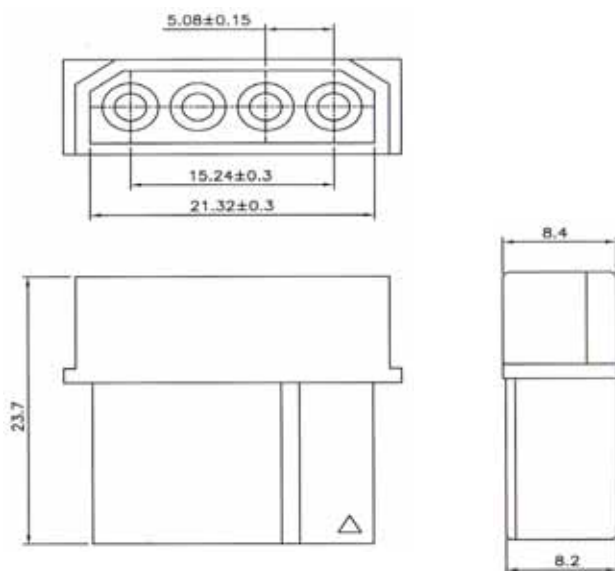
P/N 508AQ-008TH

SPECIAL PACKAGING WITH
4PCS 508AD-001T (TERMINAL) &
1PC 508AQ-004HW (HOUSING)
IN ONE POLYBAG

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

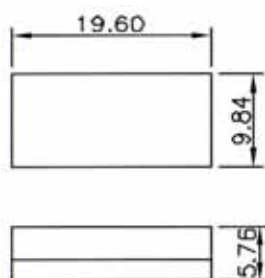
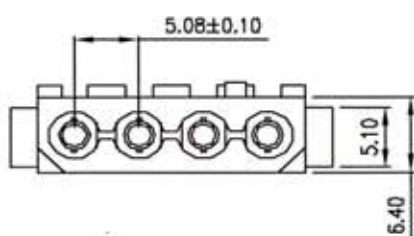
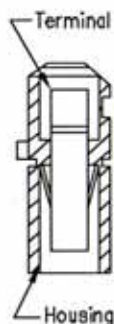
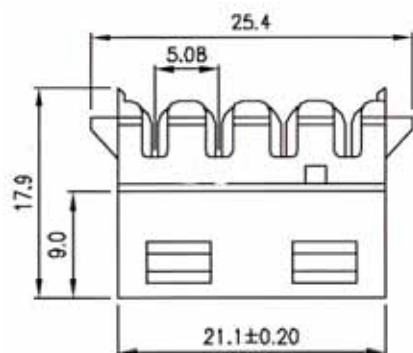
4 PIN HOUSING

NOTE: ACCEPTS 508AC TERMINAL

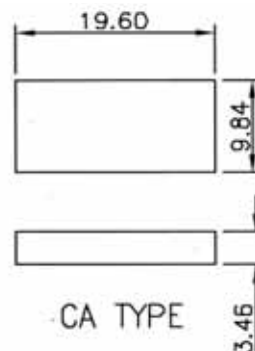
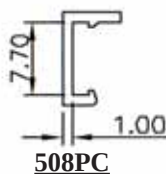
P/N 508AP-008TH

SPECIAL PACKAGING WITH
4PCS 508AC-001T (TERMINAL) &
1PC 508AP-004HW (HOUSING)
IN ONE POLYBAG

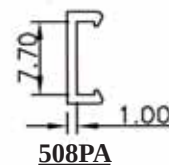
5.08MM(0.200") SPACING DISK DRIVE POWER CONNECTOR (3)



C TYPE



CA TYPE



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.

ORDERING INFORMATION:

P/N 508 $\frac{P}{1}$ C - 004 T $\frac{V}{2}$

INCLUDING
4 PIN HOUSING WITH TERMINALS
& FEED TO COVER C TYPE

P/N 508 $\frac{P}{1}$ A - 004 T $\frac{V}{2}$

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

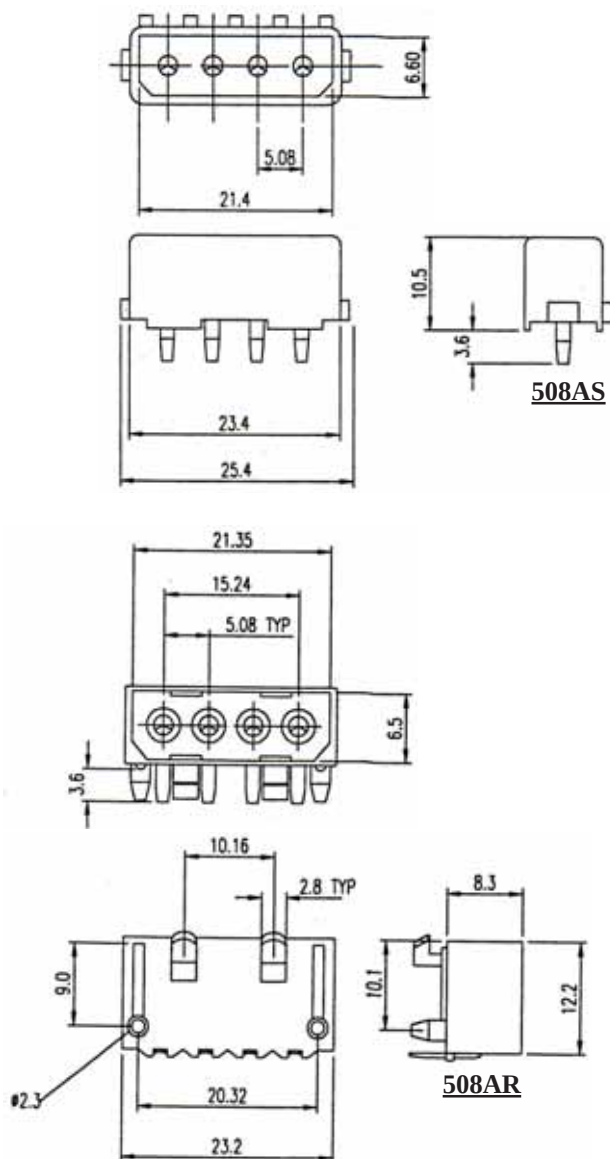
"N" GREEN

"W" WHITE

"Y" YELLOW

"B" BLACK

5.08MM(0.200") SPACING DISK DRIVE POWER CONNECTOR (4)



SPECIFICATIONS

Current Rating: 6.0 Amp

Dielectric Withstanding: 1500V AC

Insulation Resistance: 1000MΩ Min

Operating Temperature: -25°C to + 120°C

Thickness: 1.6mm

WAFER

Material: Nylon 66, UL94V-2

Pitch: 5.08mm(0.200")

All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 508 $\frac{XX}{1}$ - $\frac{XXX}{2}$ T W

1. TERMINAL TYPE:

"AS" STRAIGHT TYPE

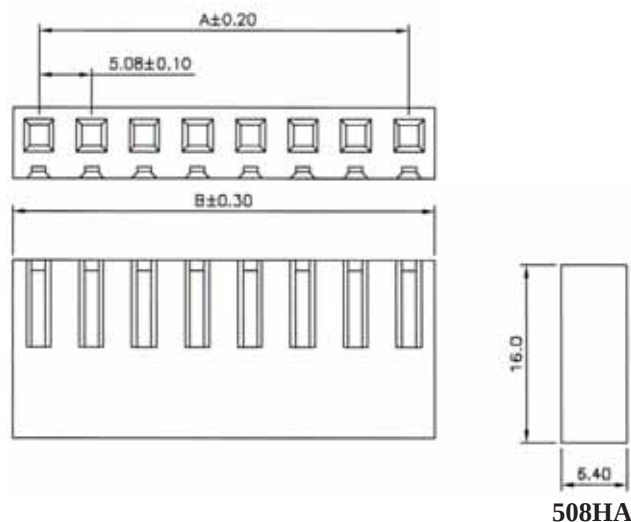
"AR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

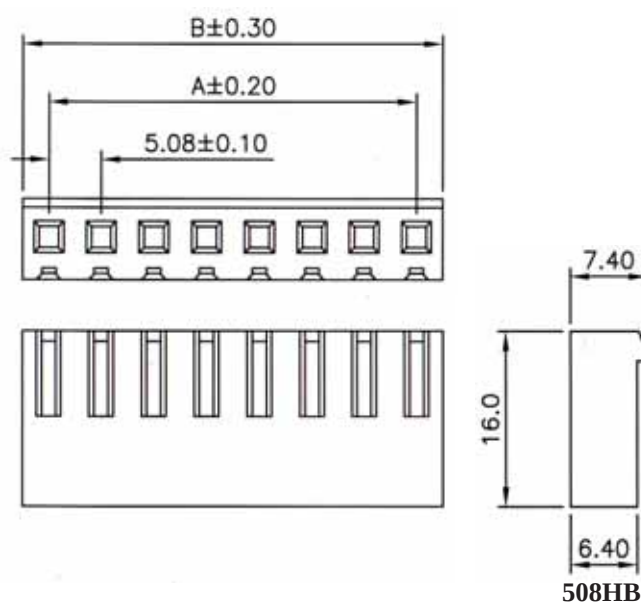
004

NOTE: MATES WITH 508AQ-004HW &
508AH-004HW HOUSINGS

5.08MM(0.200") SPACING WIRE-TO-BOARD SYSTEM (A1)



508HA



508HB

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 $\frac{1}{x}$ $\frac{x}{2}$ - $\frac{x}{x}$ $\frac{x}{x}$ H V

1. HOUSING TYPE:

"HA" W/O LOCATING RAMP

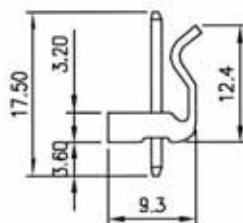
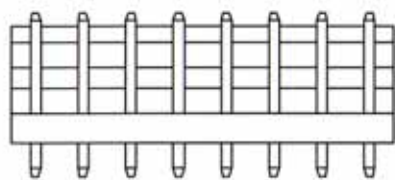
"HB" WITH LOCATING RAMP

2. NO. OF CONTACTS:

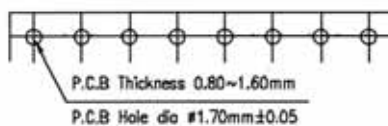
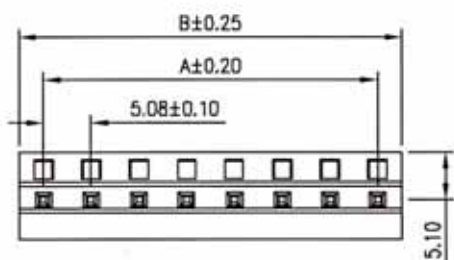
002 through 012

NOTE: ACCEPTS 396MT & 396MU TERMINALS

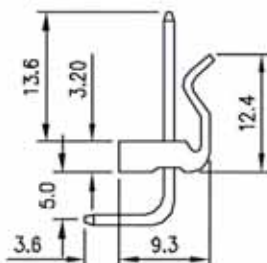
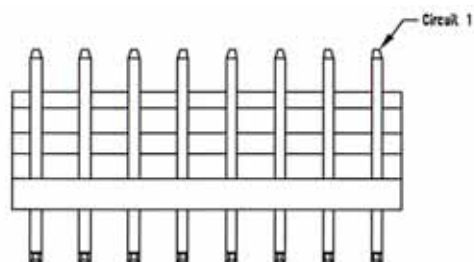
5.08MM(0.200") SPACING WIRE-TO-BOARD SYSTEM (A2)



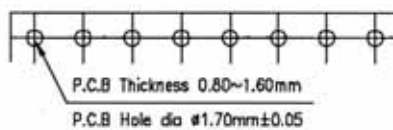
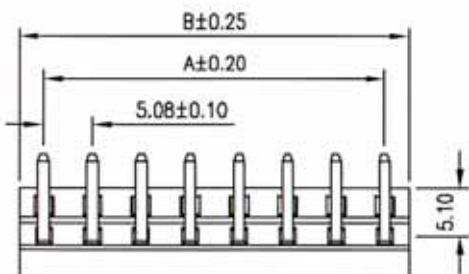
508WS



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" WAFER STRAIGHT TYPE

"WR" WAFER RIGHT ANGLE TYPE

"PS" TERMINAL STRIP STRAIGHT TYPE

"PR" TERMINAL STRIP RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 through 015

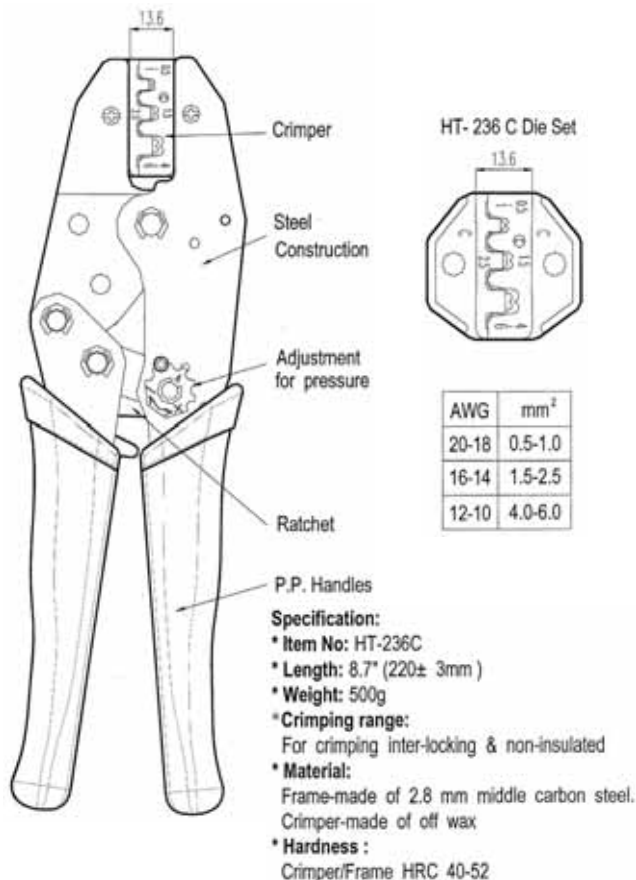
3. CONTACT FINISH:

"T" FULL TIN PLATED

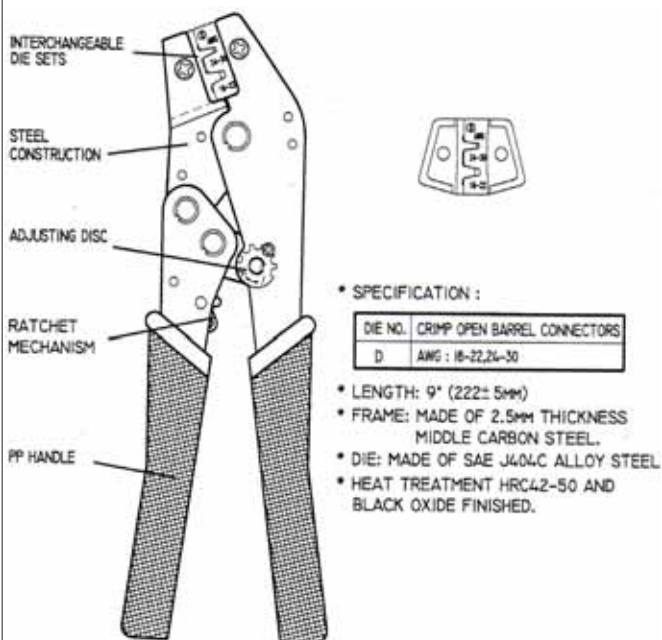
NOTE: MATES WITH 508HA & 508HB HOUSING

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

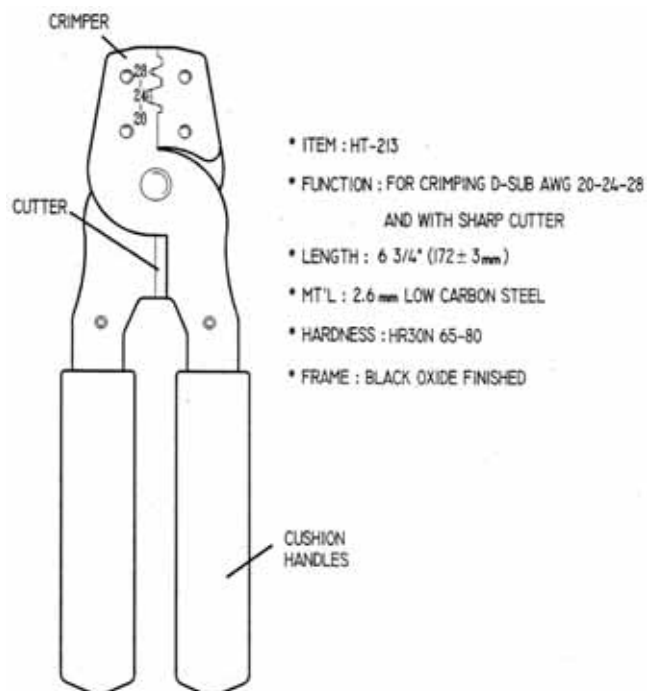
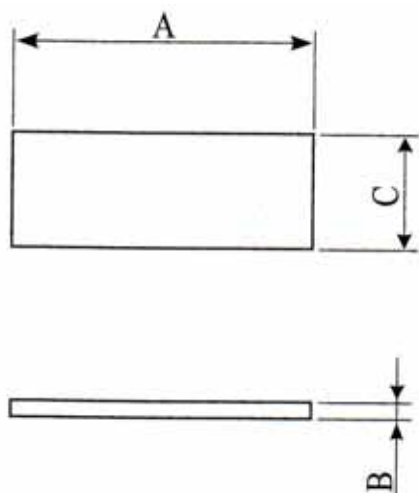
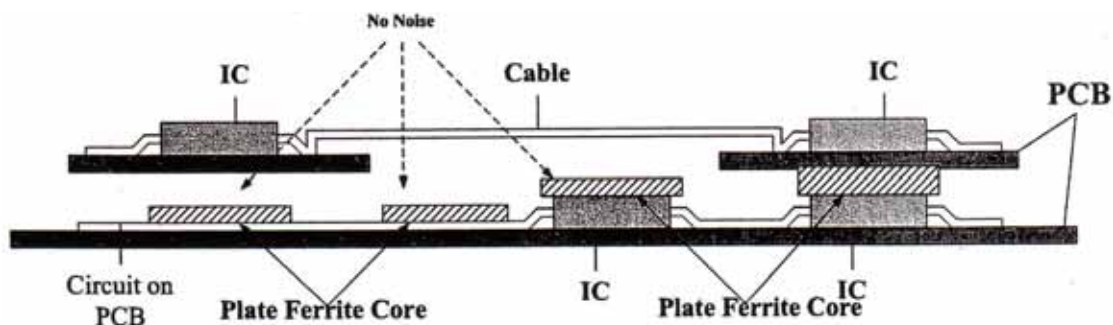


PLATE FERRITE CORE FOR IC SHIELDING ON P.C. BOARDS



PART NO.	Dimensions(mm)			IMPEDANCE(Ω)	
	A	B	C	25MHz	100MHz
PCB-01 CORE	10.0 $\pm$ 0.3	1.0 $\pm$ 0.15	10.0 $\pm$ 0.4	17	71
PCB-02 CORE	20.0 $\pm$ 0.6	0.8 $\pm$ 0.2	15.0 $\pm$ 0.5	23	87
PCB-03 CORE	20.0 $\pm$ 0.6	1.5 $\pm$ 0.2	18.0 $\pm$ 0.5	28	114
PCB-04 CORE	20.0 $\pm$ 0.6	1.5 $\pm$ 0.2	20.0 $\pm$ 0.6	33	118
PCB-05 CORE	20.0 $\pm$ 0.6	1.5 $\pm$ 0.2	30.0 $\pm$ 0.75	35	118
PCB-06 CORE	23.0 $\pm$ 0.6	0.8 $\pm$ 0.2	23.0 $\pm$ 0.6	32	106
PCB-07 CORE	23.0 $\pm$ 0.6	1.5 $\pm$ 0.2	23.0 $\pm$ 0.6	41	135
PCB-08 CORE	28.0 $\pm$ 0.8	0.8 $\pm$ 0.4	28.0 $\pm$ 0.8	29	101
PCB-09 CORE	30.0 $\pm$ 0.8	1.5 $\pm$ 0.2	30.0 $\pm$ 0.75	48	135
PCB-10 CORE	30.0 $\pm$ 0.8	1.0 $\pm$ 0.2	36.0 $\pm$ 0.75	33	120
PCB-11 CORE	40.0 $\pm$ 1.0	1.5 $\pm$ 0.2	18.0 $\pm$ 0.5	34	113
PCB-12 CORE	50.0 $\pm$ 1.0	1.5 $\pm$ 0.2	18.0 $\pm$ 0.5	36	114
PCB-13 CORE	70.0 $\pm$ 1.3	3.0 $\pm$ 0.4	50.0 $\pm$ 1.0	97	478
PCB-14 CORE	100.0 $\pm$ 0.2	5.5 $\pm$ 0.1	100.0 $\pm$ 0.2	350	450



ORDERING INFORMATION:

P/N PCB - $\frac{x}{1}$ CORE

1. PLATE CORE CODE:

01, 02, 03, 04, 05, 06, 07, 08
09, 10, 11, 12, 13, 14

NOTE: THE PLATE CORES ARE USED FOR
IC SHIELDING AS RADIATION ABSORBER.

INTERCONNESSIONI

CONNESSIONI D'INTERFACCIA

CONNETTORI LAN

COASSIALI

VIDEO - AUDIO

CAVI E CABLATI

CATALOGHI CONNESSIONI

PCB1



PCB2



CON



LAN



COAX



AV



CAV



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