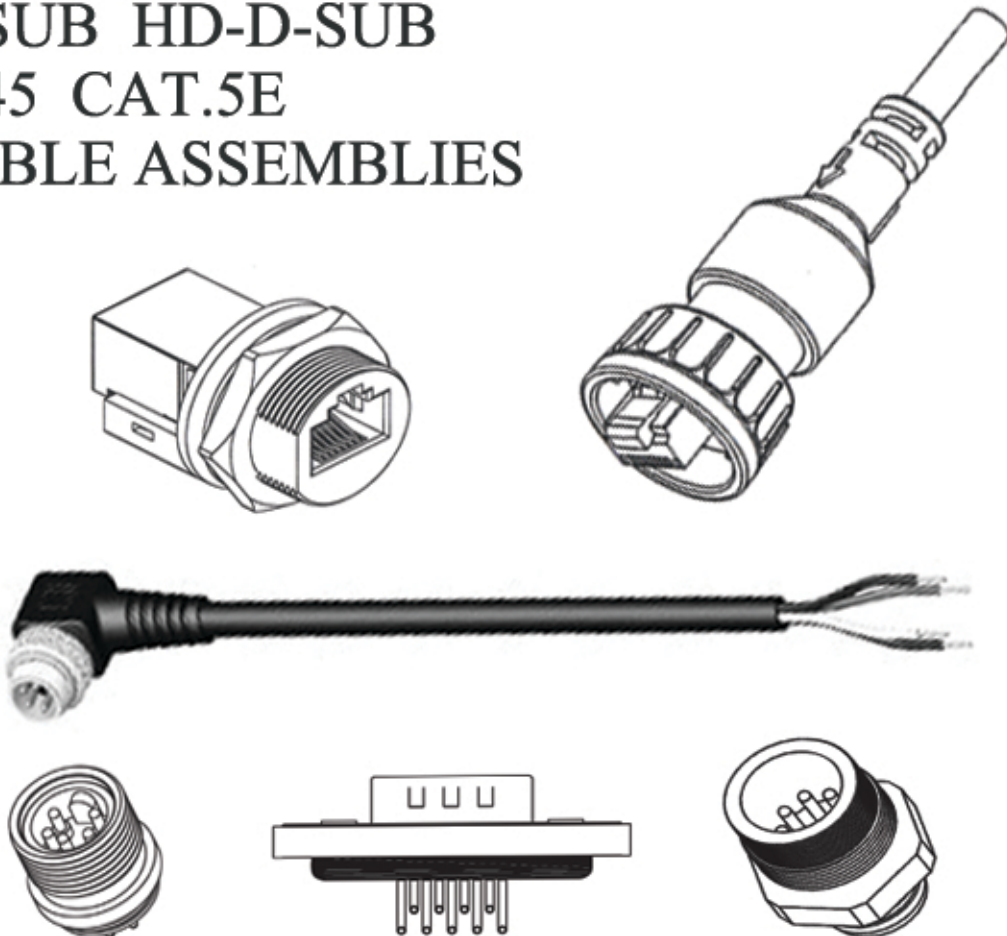


ELITAVIA

WATERPROOF CONNECTORS

STANDARD M5 M8 M9 M12 M15 M22
USB MINIUSB
DIN HDMI
D-SUB HD-D-SUB
RJ45 CAT.5E
CABLE ASSEMBLIES



CAT. WPS-P PARTE 2

PARTE 1**DESCRIPTION****PAGE NO.****WATERPROOF RJ45, FIBER OPTIC, SMB, HDMI & USB SERIES**

WATERPROOF RJ45 MODULAR JACK, COUPLER & PLUG PLASTIC LOCK TYPE-----	P4001~P1006
WATERPROOF RJ45 MODULAR JACK, COUPLER & PLUG METAL LOCK TYPE-----	P1101~P1108
WATERPROOF RJ45 MODULAR JACK, COUPLER & PLUG PLASTIC SCREW TYPE-----	P1201~P1219
WATERPROOF RJ45 MODULAR JACK & PLUG PUSH-PULL TYPE-----	P1301~P1308
WATERPROOF LC FIBER OPTIC JACK & PLUG PUSH-PULL TYPE-----	P1401~P1407
WATERPROOF RJ45 CABLE ASSEMBLIES-----	P1501~P1509
WATERPROOF USB A TYPE JACKS & CABLE ASSEMBLIES-----	P1601~P1626
WATERPROOF USB 2.0 A TYPE JACKS & CABLE ASSEMBLIES-----	P1661~P1664
WATERPROOF USB 3.0 A TYPE JACKS & CABLE ASSEMBLIES-----	P1671~P1676
WATERPROOF USB B TYPE JACKS & CABLE ASSEMBLIES-----	P1701~P1706
WATERPROOF MINI USB JACKS & CABLE ASSEMBLIES-----	P1801~P1827
WATERPROOF MICRO USB AB TYPE JACKS & CABLE ASSEMBLIES-----	P1851~P1854
WATERPROOF SMB CAP & CABLE ASSEMBLIES-----	P1901~P1904
WATERPROOF HDMI JACKS & CABLE ASSEMBLIES-----	P1981~P1984

WATERPROOF D-SUB. & HIGH DENSITY D-SUB. SERIES

WATERPROOF D-SUB. MALE CABLE SOLDER CONNECTORS-----	P3001~P3007
WATERPROOF D-SUB. FEMALE CABLE SOLDER CONNECTORS-----	P3051~P3054
WATERPROOF D-SUB. MALE STRAIGHT PCB MOUNT CONNECTORS-----	P3101~P3104
WATERPROOF D-SUB. FEMALE STRAIGHT PCB MOUNT CONNECTORS-----	P3151~P3154
WATERPROOF D-SUB. MALE RIGHT ANGLE PCB MOUNT CONNECTORS-----	P3201~P3204
WATERPROOF D-SUB. FEMALE RIGHT ANGLE PCB MOUNT CONNECTORS-----	P3251~P3254
WATERPROOF HIGH DENSITY D-SUB. MALE SOLDER CONNECTORS-----	P3301~P3304
WATERPROOF HIGH DENSITY D-SUB. FEMALE SOLDER CONNECTORS-----	P3351~P3355
WATERPROOF HIGH DENSITY D-SUB. MALE STRAIGHT PCB MOUNT CONNECTORS-----	P3401~P3404
WATERPROOF HIGH DENSITY D-SUB. FEMALE STRAIGHT PCB MOUNT CONNECTORS-----	P3451~P3454
WATERPROOF HIGH DENSITY D-SUB. MALE R/A PCB MOUNT CONNECTORS-----	P3501~P3504
WATERPROOF HIGH DENSITY D-SUB. FEMALE R/A PCB MOUNT CONNECTORS-----	P3551~P3554
WATERPROOF CABLE WITH D-SUB. CONNECTORS-----	P3601

PARTE 2**WATERPROOF MULTI-CONTACT SERIES**

WATERPROOF 4P, 6P, 8P MALE & FEMALE CONNECTORS-----	P4001~P4008
WATERPROOF 3P, 6P MALE & FEMALE CONNECTORS-----	P4101~P4106

WATERPROOF DIN & MINI DIN SERIES

WATERPROOF IP40 RATED DIN CABLE PLUGS-----	P4301~P4302
WATERPROOF DIN JACKS & DIN SOCKETS-----	P4321~P4328
WATERPROOF MINI DIN SOCKET-----	P4401
WATERPROOF IP67 RATED M35 41A POWER CONNECTORS-----	P4501~P4504

WATERPROOF M5, M8, M9, M12, M22 & M23 SERIES

WATERPROOF M5 FEMALE CONNECTORS-----	P5001~P5006
WATERPROOF M5 MALE CONNECTORS-----	P5101~P5106
WATERPROOF M8 FEMALE CONNECTORS-----	P5201~P5219
WATERPROOF M8 MALE CONNECTORS-----	P5301~P5319
WATERPROOF M9 FEMALE CONNECTORS-----	P5401~P5406
WATERPROOF M9 MALE CONNECTORS-----	P5451~P5455
WATERPROOF M12 FEMALE CONNECTORS CABLE SOLDER & ASSEMBLY TYPE-----	P5501~P5547
WATERPROOF M12 FEMALE CONNECTORS PCB MOUNT DIP TYPE-----	P5561~P5574
WATERPROOF M12 MALE CONNECTORS CABLE SOLDER & ASSEMBLY TYPE-----	P5601~P5654
WATERPROOF M12 MALE CONNECTORS PCB MOUNT DIP TYPE-----	P5681~P5686
WATERPROOF M22 (7/8") FEMALE CONNECTORS-----	P5701~P5713
WATERPROOF M22 (7/8") MALE CONNECTORS-----	P5751~P5761
WATERPROOF M23 FEMALE & MALE CONNECTORS-----	P5801~P5803
WATERPROOF M8, M12 & M22 ADAPTORS-----	P5841~P5845
WATERPROOF M8 CABLE ASSEMBLIES-----	P5901~P5908
WATERPROOF M12 CABLE ASSEMBLIES-----	P5921~P5937
WATERPROOF M22 CABLE ASSEMBLIES-----	P5941~P5946
WATERPROOF CIRCULAR TYPE C FEMALE & MALE CONNECTORS-----	P5951~P5956

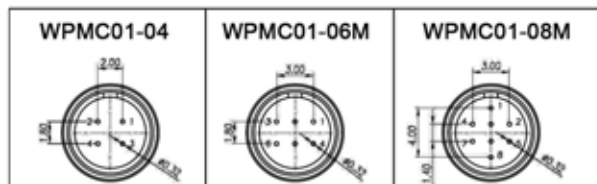
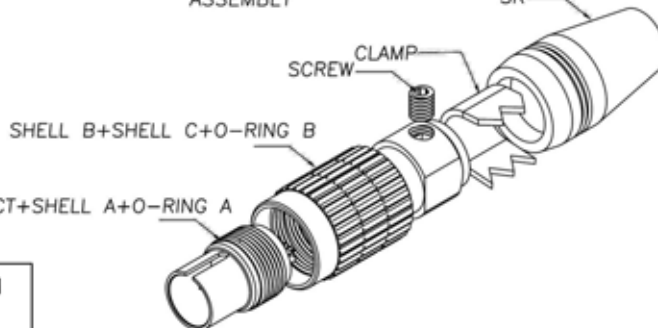
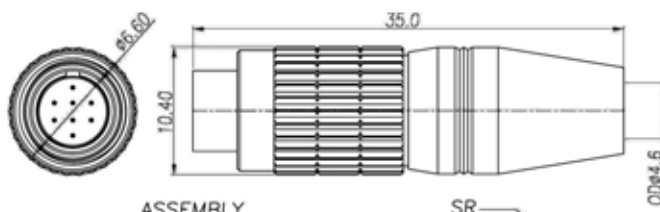
- TECHNICAL ALTERATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- ALL ARTICLES ARE RoHS & REACH/SVHC COMPLIANT.

WATERPROOF 4P+6P+8P DIN MALE CONNECTOR SCREW LOCKING CABLE TYPE

Specifications:

No. of Contacts	4 , 6 , 8
Withstanding Voltage	AC 300V for a minute
Current Rating	1A
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 30mohm

- Note 1. The contact arrangement shown here is the front view of the connector
 2. For regular used the voltage should be less than 30V AC or 42V DC.
 3. The isolation resistance value is measured at DC100V.



ORDERING INFORMATION:

P/N W P M C 0 1 - $\frac{x}{1} \frac{x}{2} M$

1. NO. OF CONTACTS:
04, 06, 08
2. CONTACT TYPE
"M" MALE

WATERPROOF 4P+6P+8P DIN FEMALE CONNECTOR SCREW LOCKING CABLE TYPE

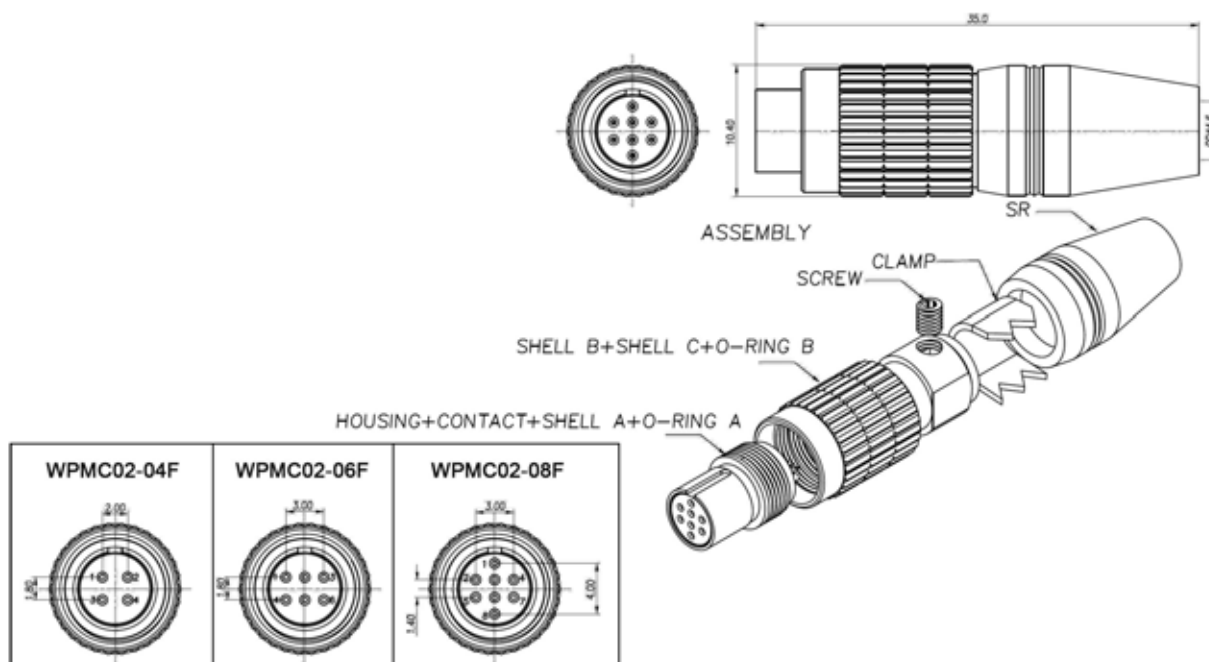
Specifications:

No. of Contacts	4 , 6 , 8
Withstanding Voltage	AC 300V for a minute
Current Rating	1A
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 30mohm

Note 1. The contact arrangement shown here is the front view of the connector

2. For regular used the voltage should be less than 30V AC or 42V DC.

3. The isolation resistance value is measured at DC100V.



ORDERING INFORMATION:

P/N W P M C 0 2 - $\frac{x}{1} \frac{x}{2} \frac{F}{2}$

1. NO. OF CONTACTS:

04, 06, 08

2. CONTACT TYPE

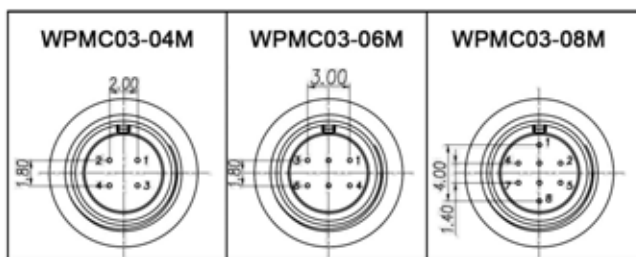
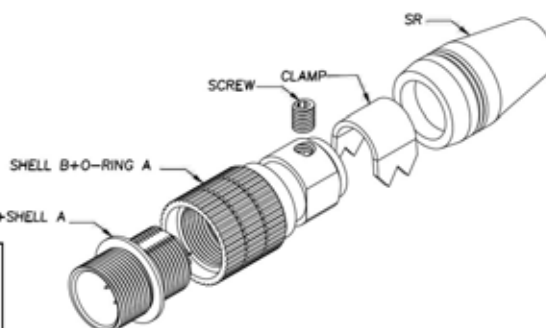
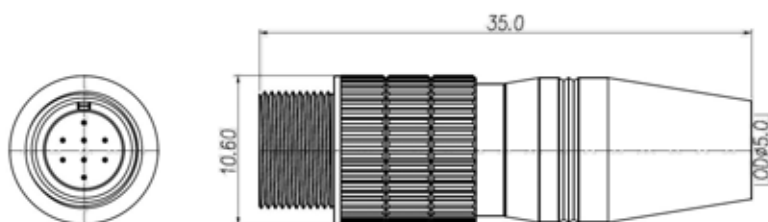
"F" FEMALE

WATERPROOF 4P+6P+8P DIN MALE CONNECTOR SCREW LOCKING CABLE TYPE

Specifications:

No. of Contacts	4 , 6 , 8
Withstanding Voltage	AC 300V for a minute
Current Rating	1A
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 30mohm

- Note 1. The contact arrangement shown here is the front view of the connector
 2. For regular used the voltage should be less than 30V AC or 42V DC.
 3. The isolation resistance value is measured at DC100V.



ORDERING INFORMATION:

P/N W P M C 0 3 - $\frac{x}{1} \frac{x}{2} \frac{M}{2}$

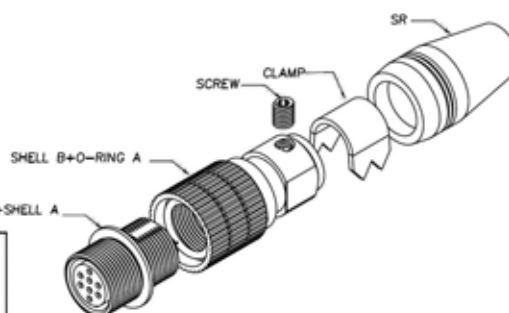
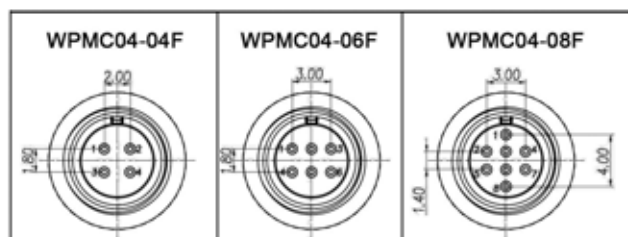
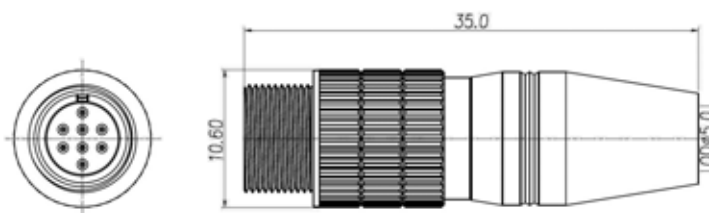
1. NO. OF CONTACTS:
04, 06, 08
2. CONTACT TYPE
"M" MALE

WATERPROOF 4P+6P+8P DIN FEMALE CONNECTOR SCREW LOCKING CABLE TYPE

Specifications:

No. of Contacts	4 , 6 , 8
Withstanding Voltage	AC 300V for a minute
Current Rating	1A
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 30mohm

- Note 1. The contact arrangement shown here is the front view of the connector
 2. For regular used the voltage should be less than 30V AC or 42V DC.
 3. The insulation resistance value is measured at DC100V.



ORDERING INFORMATION:

P/N W P M C 0 4 - $\frac{x x F}{1 2}$

1. NO. OF CONTACTS:
04, 06, 08
2. CONTACT TYPE
"F" FEMALE

WATERPROOF 4P+6P+8P DIN FEMALE RECEPTACLE CONNECTOR SCREW LOCKING SOLDER TYPE

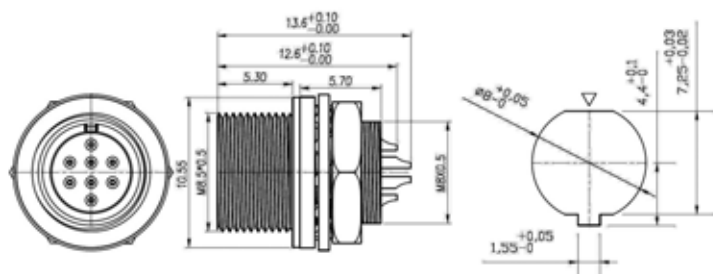
Specifications:

No. of Contacts	4 , 6 , 8
Withstanding Voltage	AC 300V for a minute
Current Rating	1A
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 30mohm

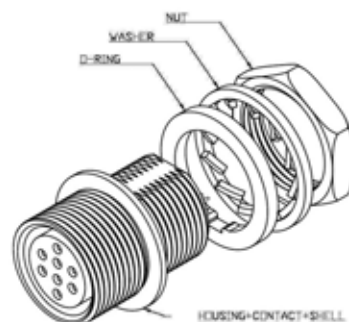
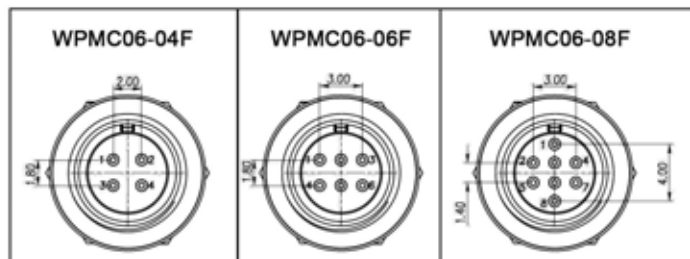
Note 1. The contact arrangement shown here is the front view of the connector

2. For regular used the voltage should be less than 30V AC or 42V DC.

3. The isolation resistance value is measured at DC100V.



RECOMMEND PANEL CUT-OUT



ORDERING INFORMATION:

P/N W P M C 0 6 - $\frac{x \times F}{1 \quad 2}$

1. NO. OF CONTACTS:

04, 06, 08

2. CONTACT TYPE

"F" FEMALE

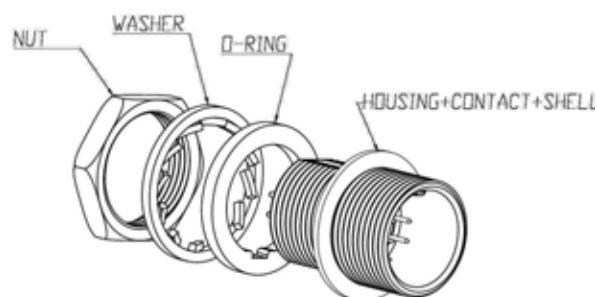
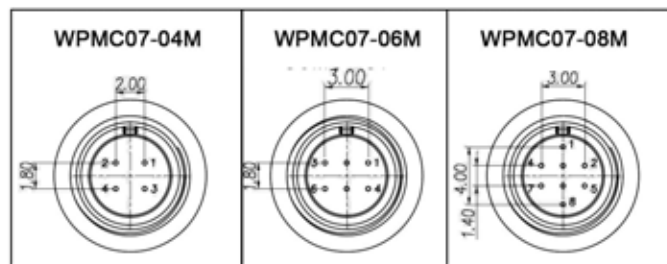
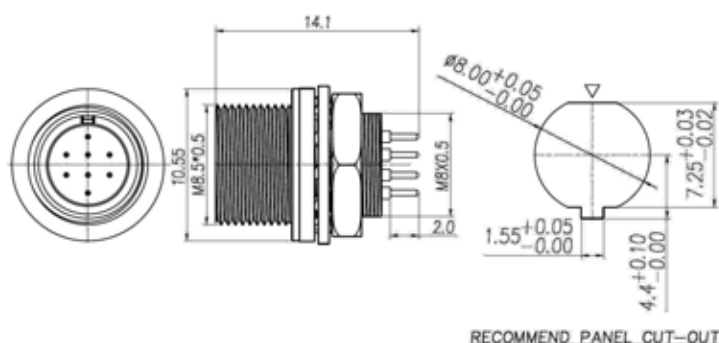
WATERPROOF 4P+6P+8P DIN MALE RECEPTACLE CONNECTOR SCREW LOCKING DIP TYPE

Specifications:

No. of Contacts	4 , 6 , 8
Withstanding Voltage	AC 300V for a minute
Current Rating	1A
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 30mohm



- Note 1. The contact arrangement shown here is the front view of the connector
 2. For regular used the voltage should be less than 30V AC or 42V DC.
 3. The isolation resistance value is measured at DC100V.



ORDERING INFORMATION:

P/N W P M C 0 7 - $\frac{x}{1} \frac{x}{2} \frac{M}{2}$

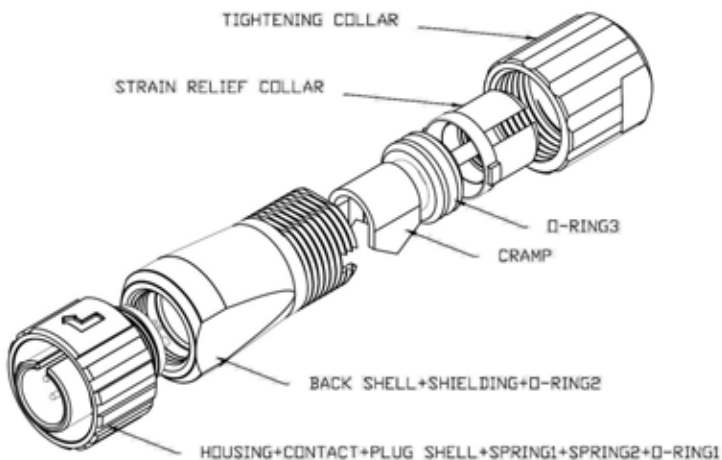
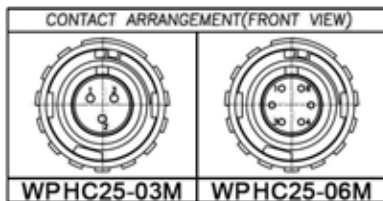
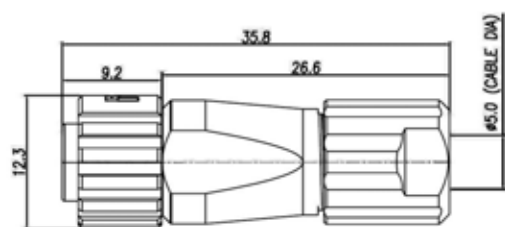
1. NO. OF CONTACTS:
04, 06, 08
2. CONTACT TYPE
"M" MALE

WATERPROOF IPX7 RATED 3P+6P HRS LF07 TYPE DIN PLUG ASSEMBLY WELD LINE TYPE

Specifications:

No. of Contacts	3 , 6
Withstanding Voltage	AC 125V DC 175V/3P AC 30V DC 42V/6P
Current Rating	5A/3P , 2A/6P
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 15mohm

- Note 1. The contact arrangement shown here is the front view of the connector
 2. The withstanding voltage shown here is test voltage value.
 3. The insulation resistance value is measured at DC 500V.
 4. The contact resistance value is measured at DC 1A.



ORDERING INFORMATION:

P/N W P H C 2 5 - $\frac{x}{1} \frac{x}{2} M$

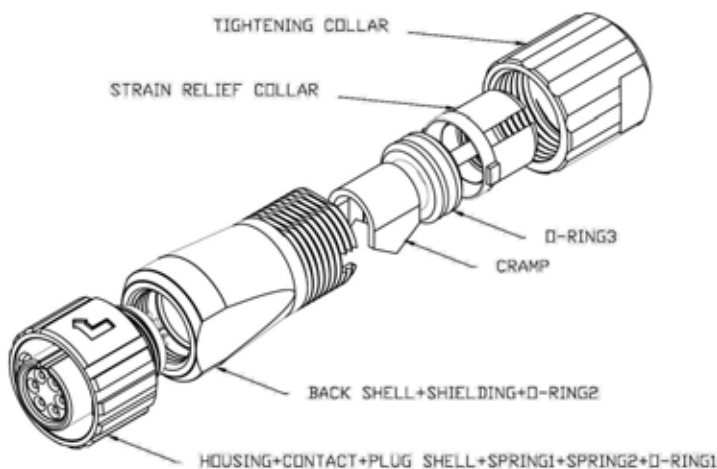
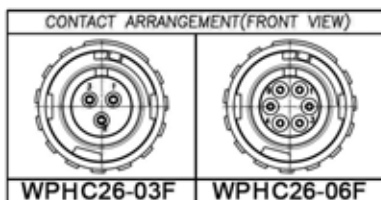
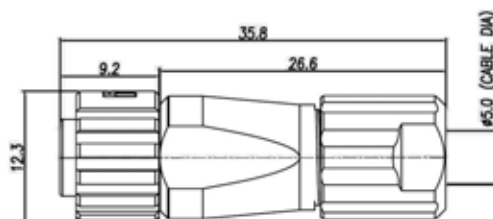
1. NO. OF CONTACTS:
 03, 06
 2. CONTACT TYPE
 "M" MALE

WATERPROOF IPX7 RATED 3P+6P HRS LF07 TYPE DIN JACK ASSEMBLY WELD LINE TYPE

Specifications:

No. of Contacts	3 , 6
Withstanding Voltage	AC 125V DC 175V/3P AC 30V DC 42V/6P
Current Rating	5A/3P , 2A/6P
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 15mohm

- Note 1. The contact arrangement shown here is the front view of the connector
 2. The withstanding voltage shown here is test voltage value.
 3. The insulation resistance value is measured at DC 500V.
 4. The contact resistance value is measured at DC 1A.



ORDERING INFORMATION:

P/N W P H C 2 6 - $\frac{x x F}{1 2}$

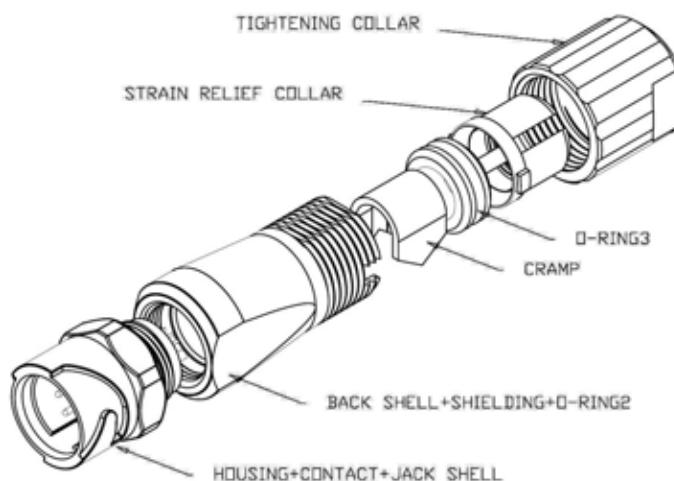
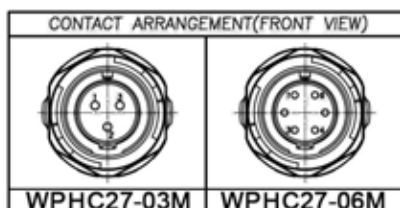
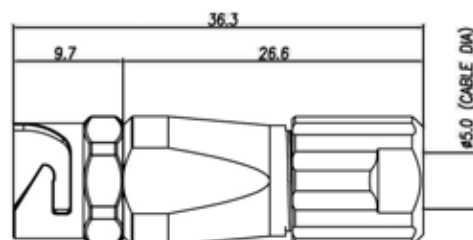
1. NO. OF CONTACTS:
03, 06
2. CONTACT TYPE
"F" FEMALE

WATERPROOF IPX7 RATED 3P+6P HRS LF07 TYPE DIN PLUG ASSEMBLY WELD LINE TYPE

Specifications:

No. of Contacts	3 , 6
Withstanding Voltage	AC 125V DC 175V/3P AC 30V DC 42V/6P
Current Rating	5A/3P , 2A/6P
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 15mohm

- Note 1. The contact arrangement shown here is the front view of the connector
 2. The withstanding voltage shown here is test voltage value.
 3. The insulation resistance value is measured at DC 500V.
 4. The contact resistance value is measured at DC 1A.



ORDERING INFORMATION:

P/N W P H C 2 7 - $\frac{x}{1} \frac{x}{2} \frac{M}{2}$

1. NO. OF CONTACTS:

03, 06

2. CONTACT TYPE

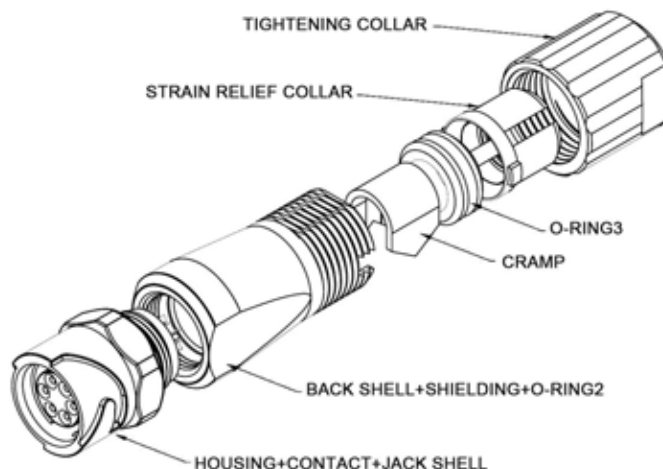
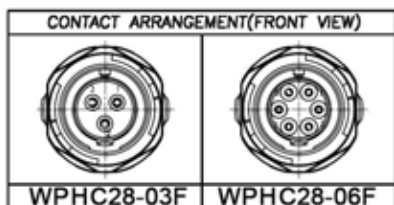
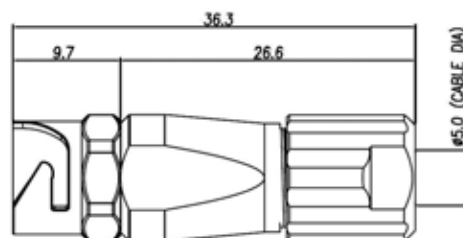
"M" MALE

WATERPROOF IPX7 RATED 3P+6P HRS LF07 TYPE DIN JACK ASSEMBLY WELD LINE TYPE

Specifications:

No. of Contacts	3 , 6
Withstanding Voltage	AC 125V DC 175V/3P AC 30V DC 42V/6P
Current Rating	5A/3P , 2A/6P
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 15mohm

- Note 1. The contact arrangement shown here is the front view of the connector
 2. The withstanding voltage shown here is test voltage value.
 3. The insulation resistance value is measured at DC 500V.
 4. The contact resistance value is measured at DC 1A.



ORDERING INFORMATION:

P/N W P H C 2 8 - $\frac{x x F}{1 2}$

1. NO. OF CONTACTS:
03, 06
 2. CONTACT TYPE
"F" FEMALE

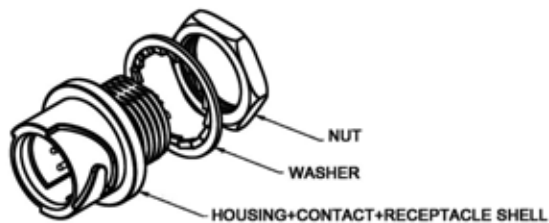
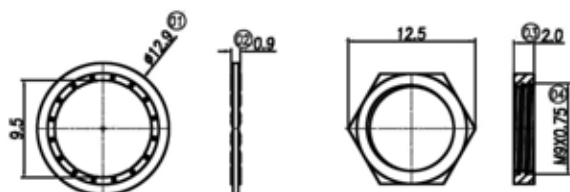
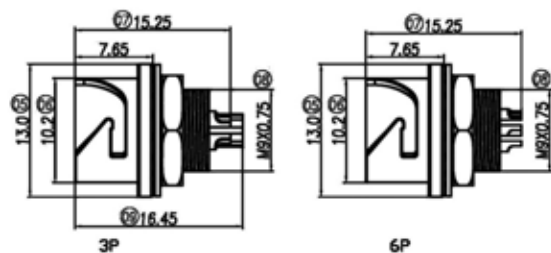
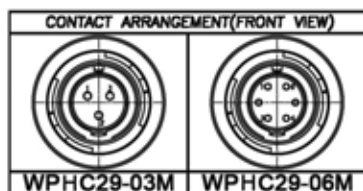
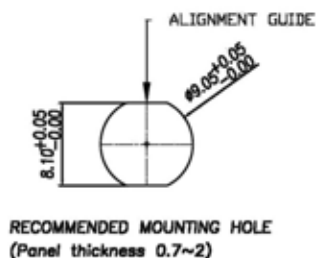
WATERPROOF IPX7 RATED 3P+6P HRS LF07 TYPE DIN PLUG FRONT LOCK SOLDER TYPE

Specifications:

No. of Contacts	3 , 6
Withstanding Voltage	AC 125V DC 175V/3P AC 30V DC 42V/6P
Current Rating	5A/3P , 2A/6P
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 15mohm



- Note 1. The contact arrangement shown here is the front view of the connector
 2. The withstanding voltage shown here is test voltage value.
 3. The insulation resistance value is measured at DC 500V.
 4. The contact resistance value is measured at DC 1A.



ORDERING INFORMATION:

P/N W P H C 2 9 - $\frac{x}{1} \frac{x}{2} \frac{M}{2}$

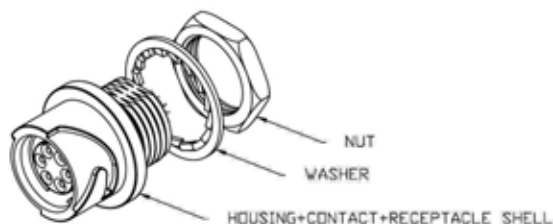
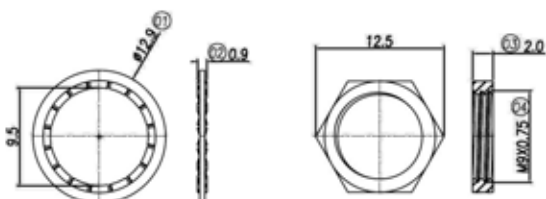
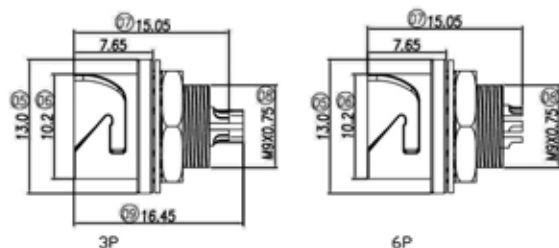
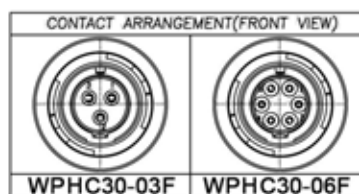
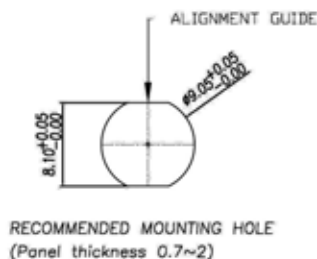
1. NO. OF CONTACTS:
 03, 06
 2. CONTACT TYPE
 "M" MALE

WATERPROOF IPX7 RATED 3P+6P HRS LF07 TYPE DIN JACK FRONT LOCK SOLDER TYPE

Specifications:

No. of Contacts	3 , 6
Withstanding Voltage	AC 125V DC 175V/3P AC 30V DC 42V/6P
Current Rating	5A/3P , 2A/6P
Insulation Resistance	MIN. 1000Mohm
Contact Resistance	MAX. 15mohm

- Note 1. The contact arrangement shown here is the front view of the connector
 2. The withstanding voltage shown here is test voltage value.
 3. The insulation resistance value is measured at DC 500V.
 4. The contact resistance value is measured at DC 1A.



ORDERING INFORMATION:

P/N W P H C 3 0 - $\frac{x \times F}{1 \quad 2}$

1. NO. OF CONTACTS:
03, 06
2. CONTACT TYPE
"F" FEMALE

DIN CABLE PLUG IP40 RATED SCREW LOCKING TYPE



SPECIFICATIONS

1. **Rating** : 100V AC 1A max.

2. **Contact Resistance** :

Pins 30mΩ max.

Shell 50mΩ max.

3. **Insulation Resistance** :

100MΩ at 500V DC min.

4. **Voltage Withstand**:

250V AC for 1 minute

MATERIALS

1. **SHELL COVER**:

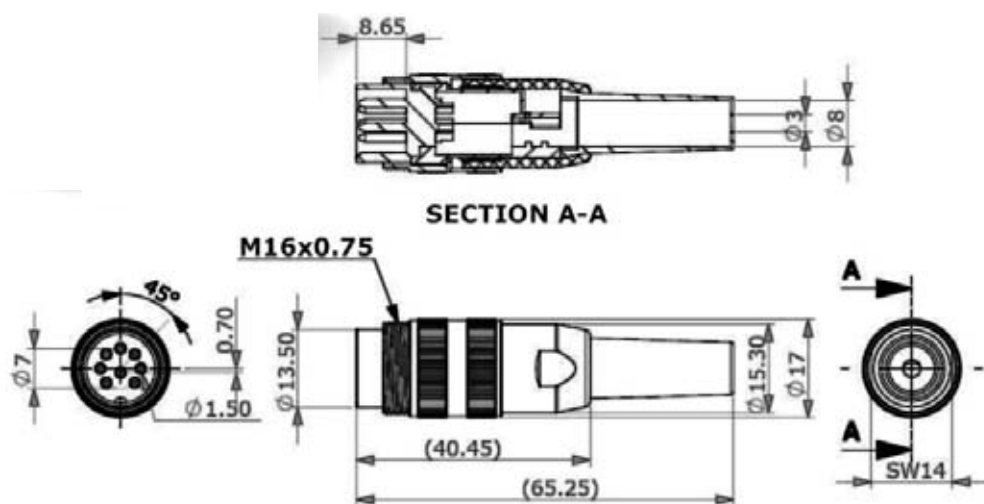
ZN ALLOY NICKEL PLATED

2. **INSULATOR**: PA66

3. **CONTACTS**:

BRASS SILVER PLATED

*RoHS & REACH compliant.



ARRANGEMENT OF CONTACTS									
NO OF CONTACTS	3P	4P	5P 180°	5P 240°	5P 360°	6P	7P	8P 270°	8P 262°

ORDERING INFORMATION:

P/N 71 PE - xx
1 2

1. CONNECTOR TYPE:

"PE" WATER PROOF IP40 RATED
WITH CABLE ENTRY Ø 8MM

2. NO. OF CONTACTS:

"03" 3P

"04" 4P

"05A" 5P, 180°

"05B" 5P, 240°

"06" 6P

"07" 7P

"08A" 8P, 270°

DIN CABLE PLUG IP67 RATED SCREW LOCKING TYPE



SPECIFICATIONS

1. **Rating** : 100V AC 1A max.

2. **Contact Resistance** :

Pins 30mΩ max.

Shell 50mΩ max.

3. **Insulation Resistance** :

100MΩ at 500V DC min.

4. **Voltage Withstand**:

250V AC for 1 minute

MATERIALS

1. **SHELL COVER**:

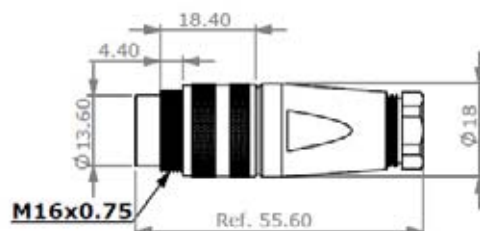
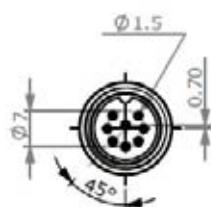
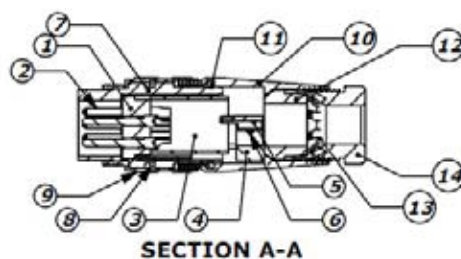
ZN ALLOY NICKEL PLATED

2. **INSULATOR**: PA66

3. **CONTACTS**:

BRASS COLD PLATED

*RoHS & REACH compliant.



ARRANGEMENT OF CONTACTS									
NO OF CONTACTS	3P	4P	5P 180°	5P 240°	5P 360°	6P	7P	8P 270°	8P 262°

ORDERING INFORMATION:

P/N 7 1 PF - XX
1 2

1. CONNECTOR TYPE:

"PF" WATER PROOF IP67 RATED
WITH CABLE ENTRY Ø 7.5MM

2. NO. OF CONTACTS:

"03" 3P

"04" 4P

"05A" 5P, 180°

"05B" 5P, 240°

"06" 6P

"07" 7P

"08A" 8P, 270°

WATERPROOF M8*05 4P+6P+8P DIN JACK FABRICATED WIRE END TYPE



MATERIALS

Housing: Nylon 46, UL 94V-0

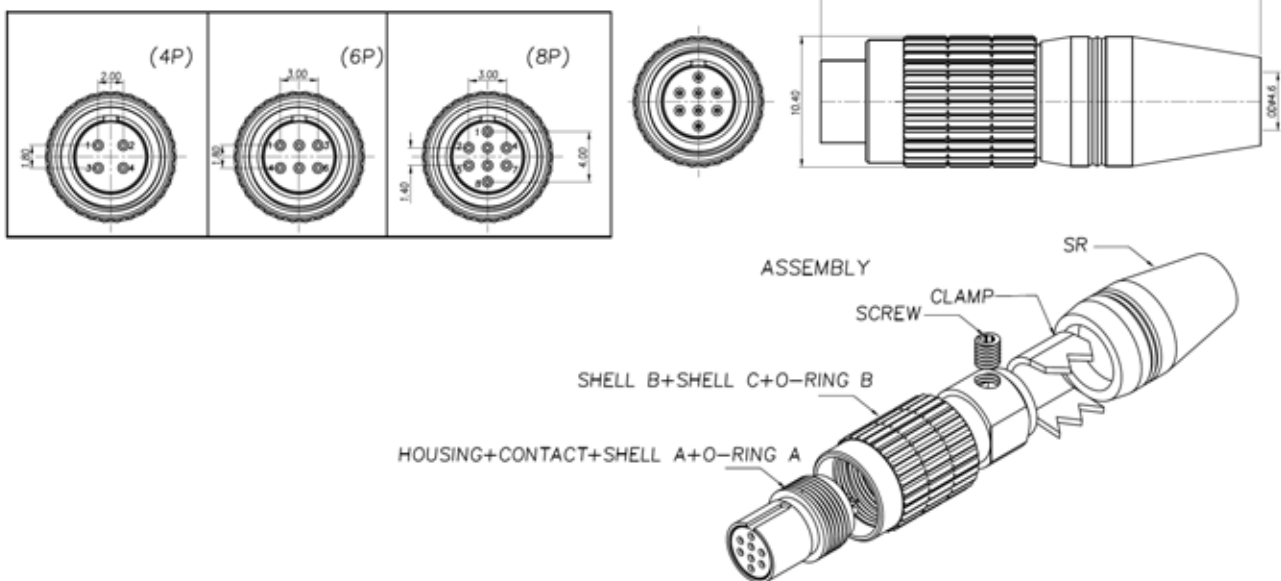
Contact: Phosphor Bronze; Gold plated

Shell: Zinc Alloy or Brass; Nickel Plated

Screw: Steel Alloy

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P D M 8 F - x x AA
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"M8" SCREW M8*0.5
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04, 06, 08
4. APPLICABLE TYPE:
"AA" CABLE ASSEMBLY TYPE

WATERPROOF M8*05 4P+6P+8P DIN JACK LINE END ASSEMBLED TYPE



MATERIALS

Housing: Nylon 46, UL 94V-0

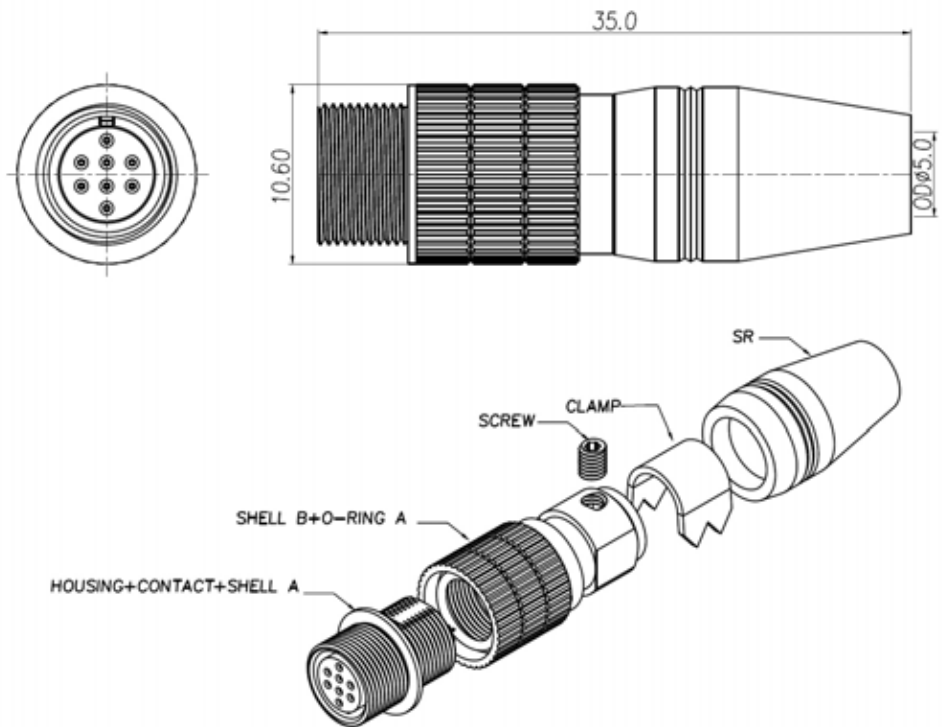
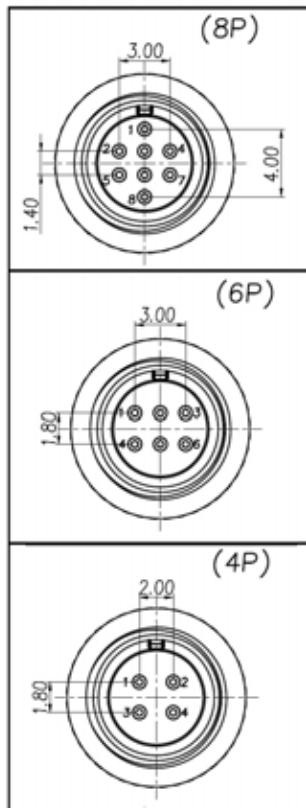
Contact: Phosphor Bronze; Gold plated

Shell: Zinc Alloy or Brass; Nickel Plated

Screw: Steel Alloy; Nickel Plated

* RoHS & REACH compliant.

Unit: mm

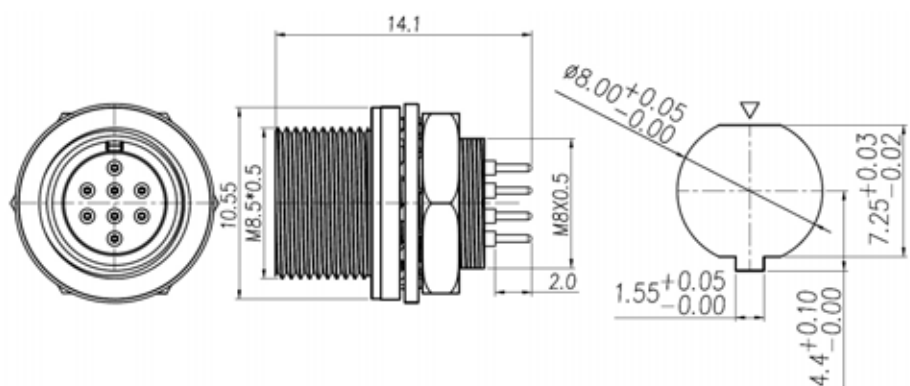
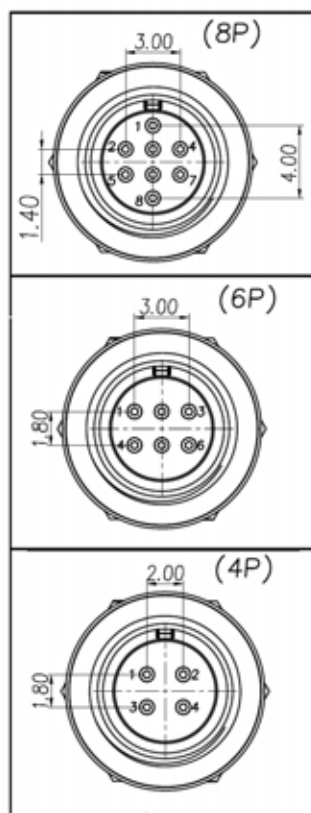


ORDERING INFORMATION:

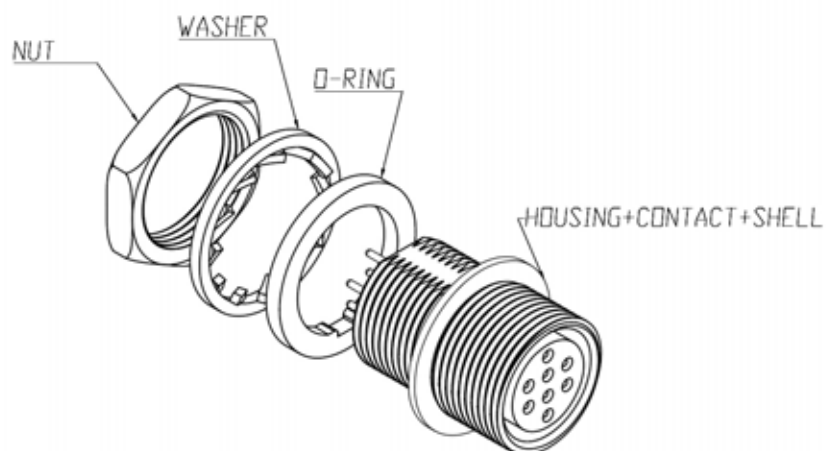
P/N W P D $\frac{M}{1}$ $\frac{8}{2}$ $\frac{F}{3}$ - $\frac{x}{4}$ $\frac{x}{4}$ $\frac{AB}{4}$

1. CONNECTOR LOCKING SYSTEM:
"M8" SCREW M8*0.5
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04, 06, 08
4. APPLICABLE TYPE:
"AB" CABLE ASSEMBLY TYPE

WATERPROOF M8*05 4P+6P+8P DIN SOCKET PLATE INSERTED TYPE



RECOMMEND PANEL CUT-OUT



ORDERING INFORMATION:

P/N W P D M 8 F - x x PA
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"M8" SCREW M8*0.5
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04, 06, 08
4. APPLICABLE TYPE:
"PA" PLATE INSERTED TYPE

WATERPROOF M8*05 4P+6P+8P DIN SOCKET BOARD SIDE TYPE



MATERIALS

Housing: Nylon 46

Contact: Phosphor Bronze;

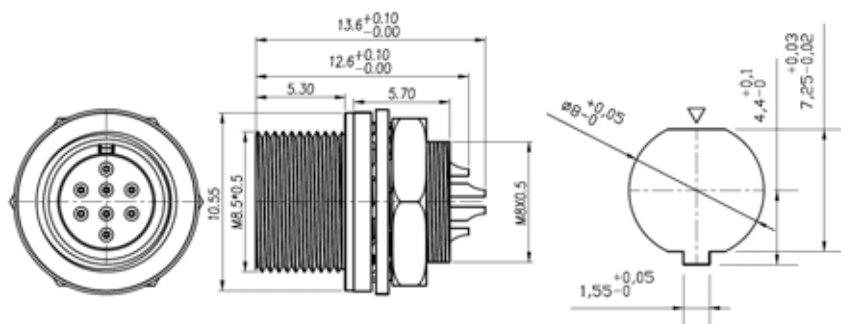
Gold Plating Over Nickel

Shell: Zinc Alloy; Nickel Plated

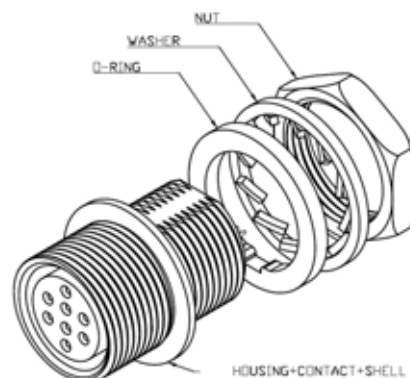
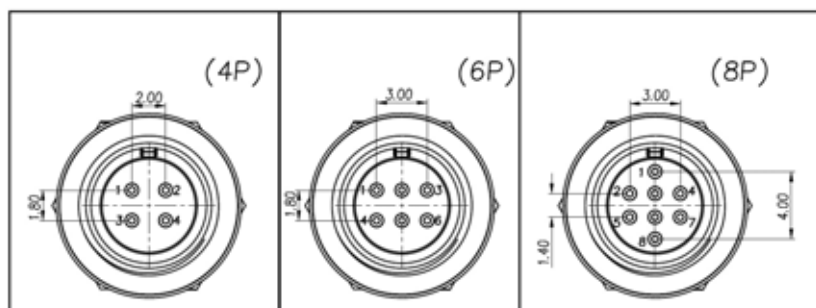
Nut: Brass; Nickel Plated

*** RoHS & REACH compliant.**

Unit: mm



RECOMMEND PANEL CUT-OUT



ORDERING INFORMATION:

P/N W P D M 8 F - x x P B
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"M8" SCREW M8*0.5
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04, 06, 08
4. APPLICABLE TYPE:
"PB" BOARD SIDE TYPE

WATERPROOF M16*1.0 13P DIN JACK CABLE ASSEMBLY TYPE



MATERIALS

Housing: PBT, UL 94V-0

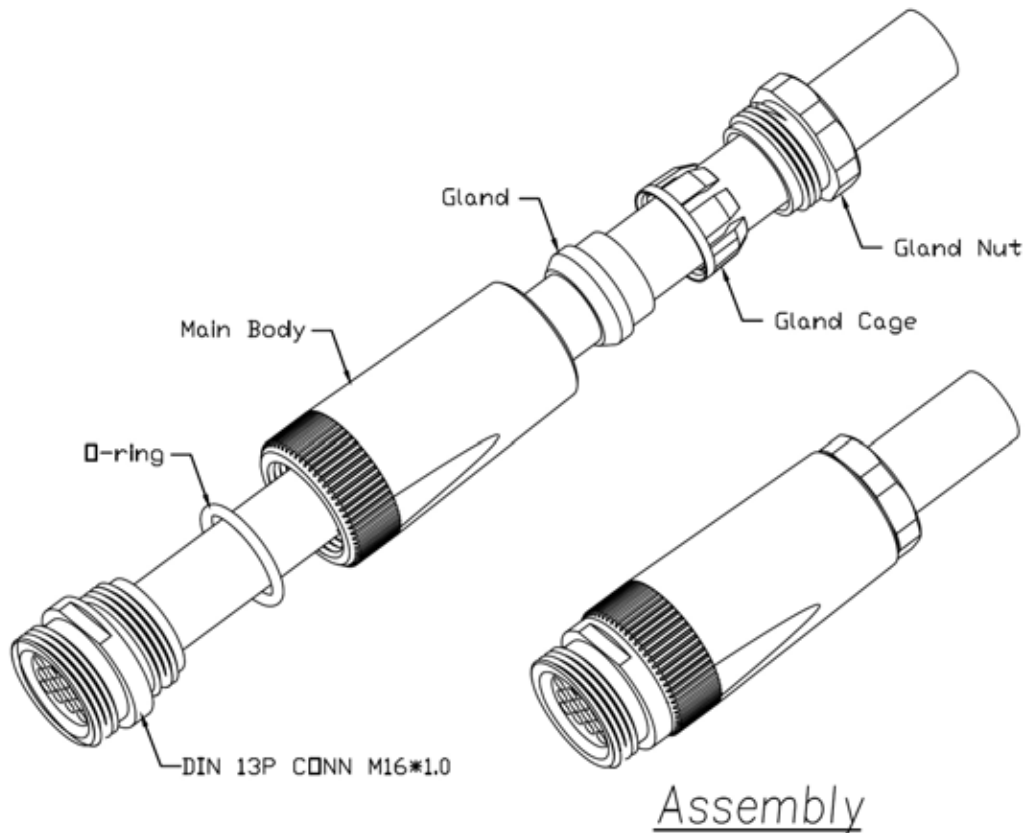
Contact: Phosphor Bronze;

Gold Plating Over Nickel

Shell: Aluminum Alloy; Nickel Plated

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P D M 1 6 F - 1 3 AA
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"M16" M16*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
13
4. APPLICABLE TYPE:
"AA" CABLE ASSEMBLY TYPE WITH ID = Ø10.8MM

WATERPROOF M16*0.75 8P+11P DIN SOCKET SOLDER TYPE



MATERIALS

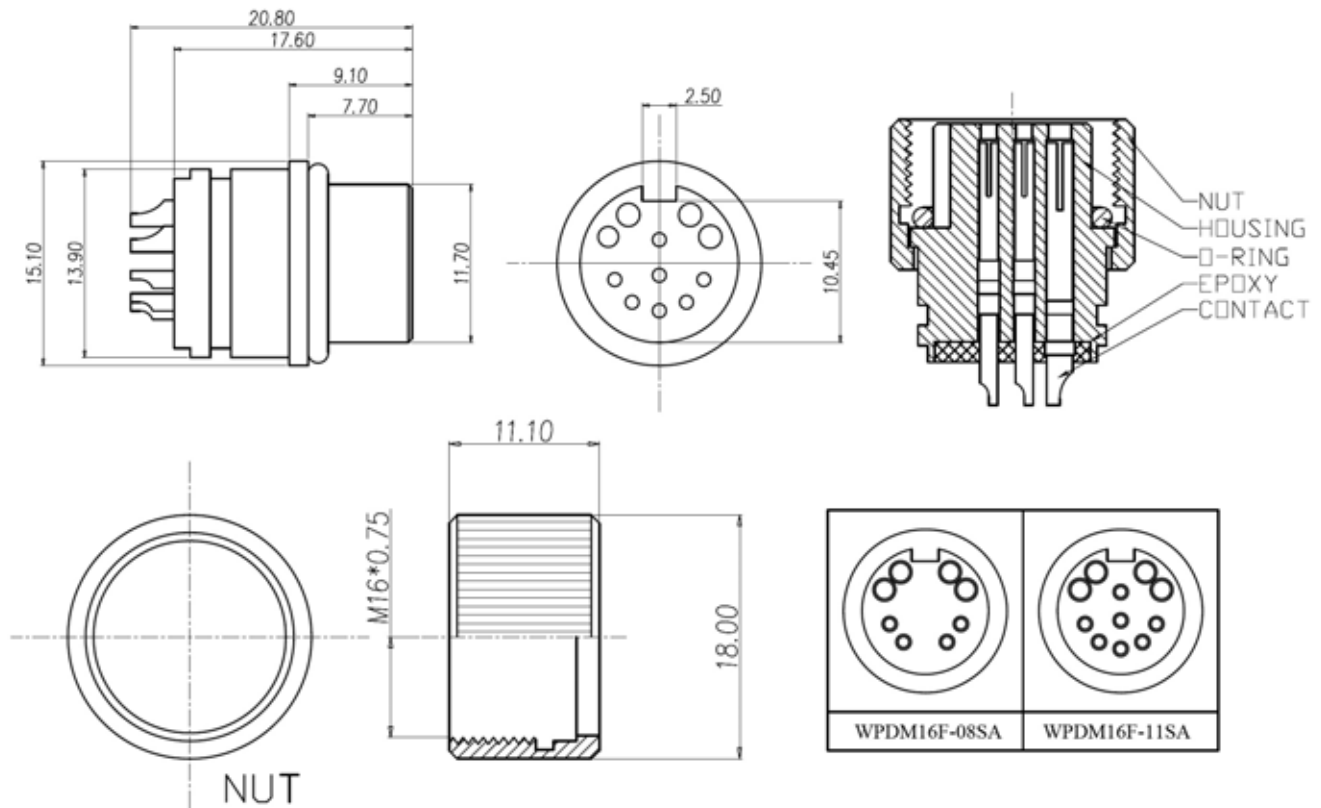
Housing: PBT

Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P D M 1 6 F - x x S A
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"M16" M16*0.75
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
08, 11
4. APPLICABLE TYPE:
"SA" SOLDER TYPE

DIN CABLE JACK IP40 RATED SCREW LOCKING TYPE



SPECIFICATIONS

1. **Rating** : 100V AC 1A max.

2. **Contact Resistance** :

Pins 30mΩ max.

Shell 50mΩ max.

3. **Insulation Resistance** :

100MΩ at 500V DC min.

4. **Voltage Withstand**:

250V AC for 1 minute

MATERIALS

1. **SHELL COVER**:

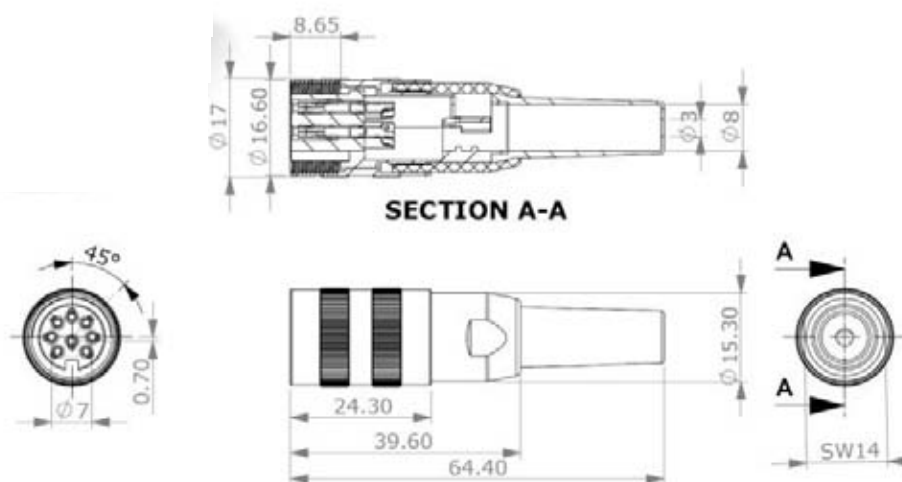
ZN ALLOY NICKEL PLATED

2. **INSULATOR**: PA66

3. **CONTACTS**:

BRASS GOLD PLATED

*RoHS & REACH compliant.



ARRANGEMENT OF CONTACTS									
NO OF CONTACTS	3P	4P	5P 180°	5P 240°	5P 360°	6P	7P	8P 270°	8P 262°

ORDERING INFORMATION:

P/N 7 1 $\frac{JF}{1} - \frac{xx}{2}$

1. CONNECTOR TYPE:

"JF" WATERPROOF IP40 RATED WITH
CABLE ENTRY Ø 8MM

2. NO. OF CONTACTS:

"03" 3P

"04" 4P

"05A" 5P, 180°

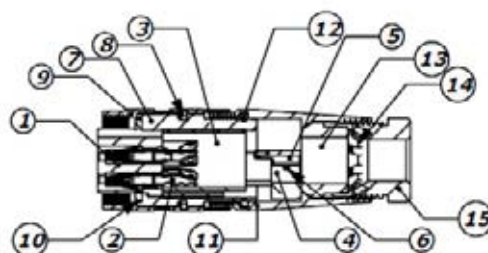
"05B" 5P, 240°

"06" 6P

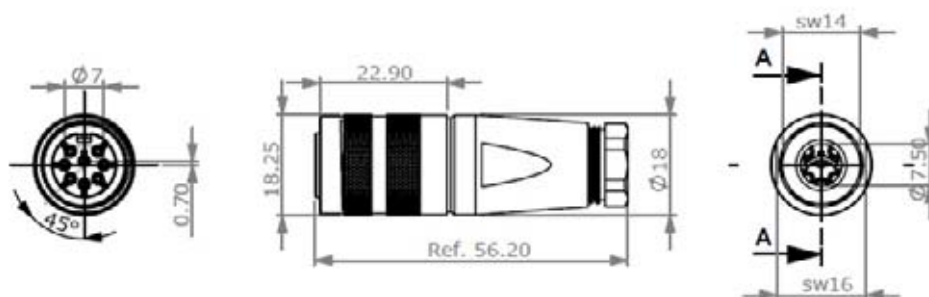
"07" 7P

"08A" 8P, 270°

DIN CABLE JACK IP67 RATED SCREW LOCKING TYPE



SECTION A-A



SPECIFICATIONS

1. **Rating** : 100V AC 1A max.

2. **Contact Resistance** :

Pins 30mΩ max.

Shell 50mΩ max.

3. **Insulation Resistance** :

100MΩ at 500V DC min.

4. **Voltage Withstand**:

250V AC for 1 minute

MATERIALS

1. **SHELL COVER**:

ZN ALLOY NICKEL PLATED

2. **INSULATOR**: PA66

3. **CONTACTS**:

BRASS GOLD PLATED

*RoHS & REACH compliant.

ARRANGEMENT OF CONTACTS									
NO OF CONTACTS	3P	4P	5P 180°	5P 240°	5P 360°	6P	7P	8P 270°	8P 262°

ORDERING INFORMATION:

P/N 71 $\frac{JG}{1} - \frac{xx}{2}$

1. **CONNECTOR TYPE**:

"JG" WATERPROOF IP67 RATED WITH
CABLE ENTRY Ø 7.5MM

2. **NO. OF CONTACTS**:

"03" 3P

"04" 4P

"05A" 5P, 180°

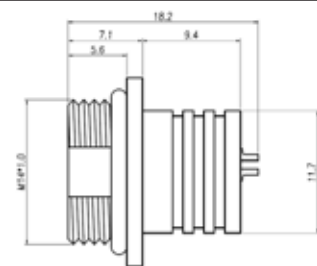
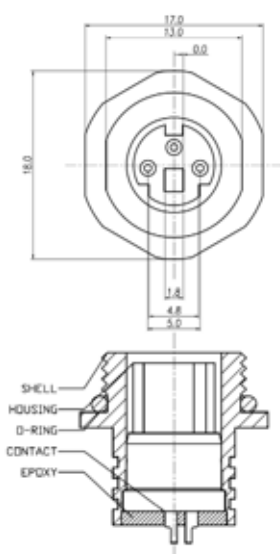
"05B" 5P, 240°

"06" 6P

"07" 7P

"08A" 8P, 270°

MINI DIN SOCKET 3P WATERPROOF CABLE SOLDER TYPE



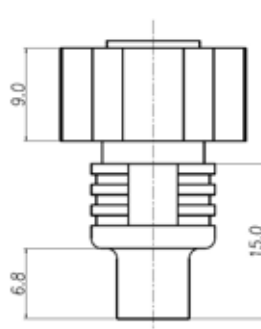
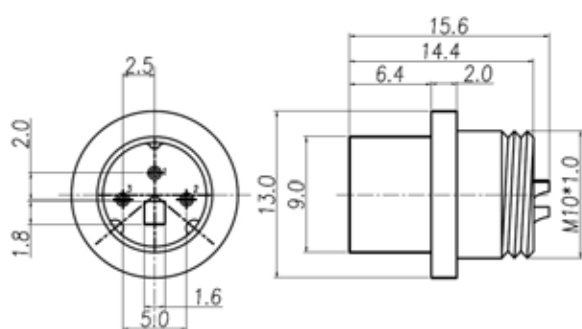
72WP-03CA

SPECIFICATIONS

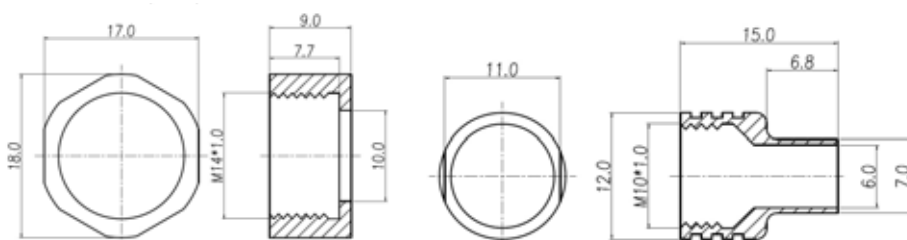
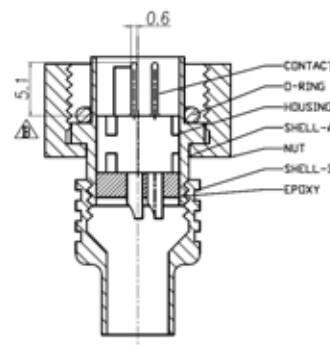
- Rating:** 100VAC 1A (max.)
12VDC 2A (max.)
- Dielectric Withstanding Voltage:**
500VAC, 60Hz for 1 minute
- Insulation Resistance (Initial):**
100MΩ (min.) at 500VDC
- Contact Resistance (Initial):**
30mΩ (max.) at AC 100mA (max.) 1 KHz
- Insertion & Extraction Force:**
Initial : 4.5kgs. (max.)
Extraction Force: 0.9 to 3.0kgs

MATERIALS

- Housing:** PBT
 - Contact:** Phosphor Bronze or Brass;
Gold Plated
 - Shell:** Brass; Nickel Plated
- *RoHS & REACH compliant.



ASSEMBLY



72WP-03CB



ORDERING INFORMATION:

P/N 7 2 W P - $\frac{03}{1} \frac{xx}{2}$

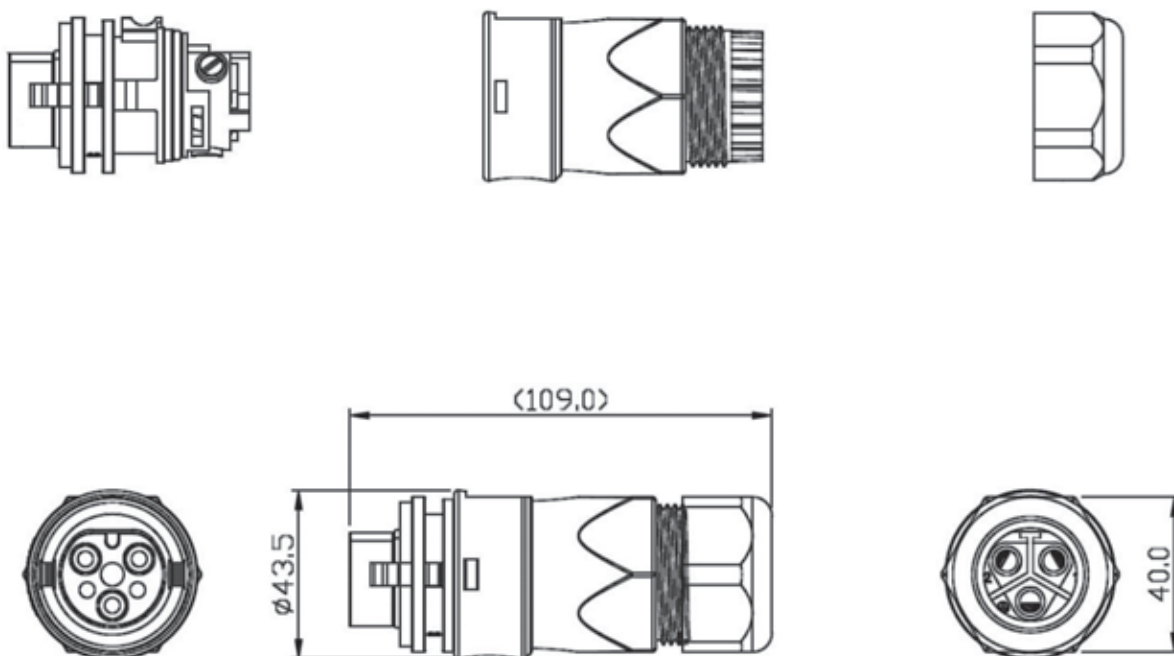
- NO. OF CONTACTS
03
- SOCKET TYPE:
"CA" FEMALE WIRE TYPE
"CB" MALE WIRE TYPE

WATERPROOF IP67 RATED 3 PIN CABLE END 41A POWER PLUG

SPECIFICATION:

1. Waterproof Rate: IP67
2. Suitable Cable DC= 21mm to 24mm
3. Recommend Gland Nut Torque: 15~20 Kgf-cm.
4. RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P 9 1 - 0 3 C A

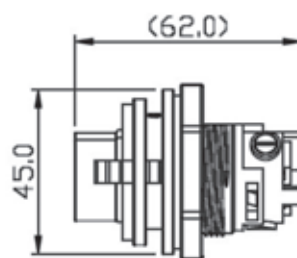
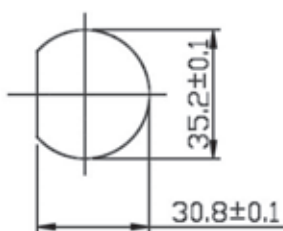
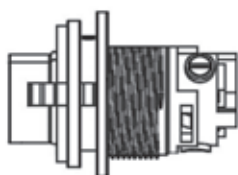
WATERPROOF IP67 RATED POWER M35 41A
3 PIN PUSH LOCK CABLE END PLUG (MALE)

WATERPROOF IP67 RATED 3 PIN PANEL MOUNT 41A POWER PLUG

SPECIFICATION:

1. Waterproof Rate: IP67
2. Recommend Panel Thickness= 0.8mm to 6.0mm
3. Recommend Hex Nut Torque: 9~10 Kgf-cm.
4. RoHS & REACH compliant.

Unit: mm



Recommend
Panel Cut-Out

ORDERING INFORMATION:

P/N W P 9 1 - 0 3 P M

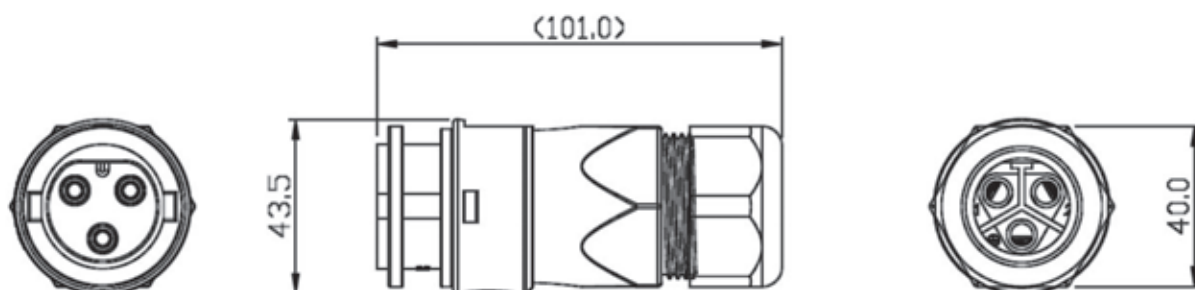
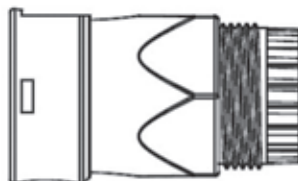
WATERPROOF IP67 RATED POWER M35 41A
3 PIN PUSH LOCK PANEL MOUNT PLUG (MALE)
FOR PANEL THICKNESS 0.8 TO 6.0MM

WATERPROOF IP67 RATED 3 PIN CABLE END 41A POWER JACK

SPECIFICATION:

1. Waterproof Rate: IP67
2. Suitable Cable DC= 21mm to 24mm
3. Recommend Gland Nut Torque: 15~20 Kgf-cm.
4. RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P 9 2 - 0 3 C B

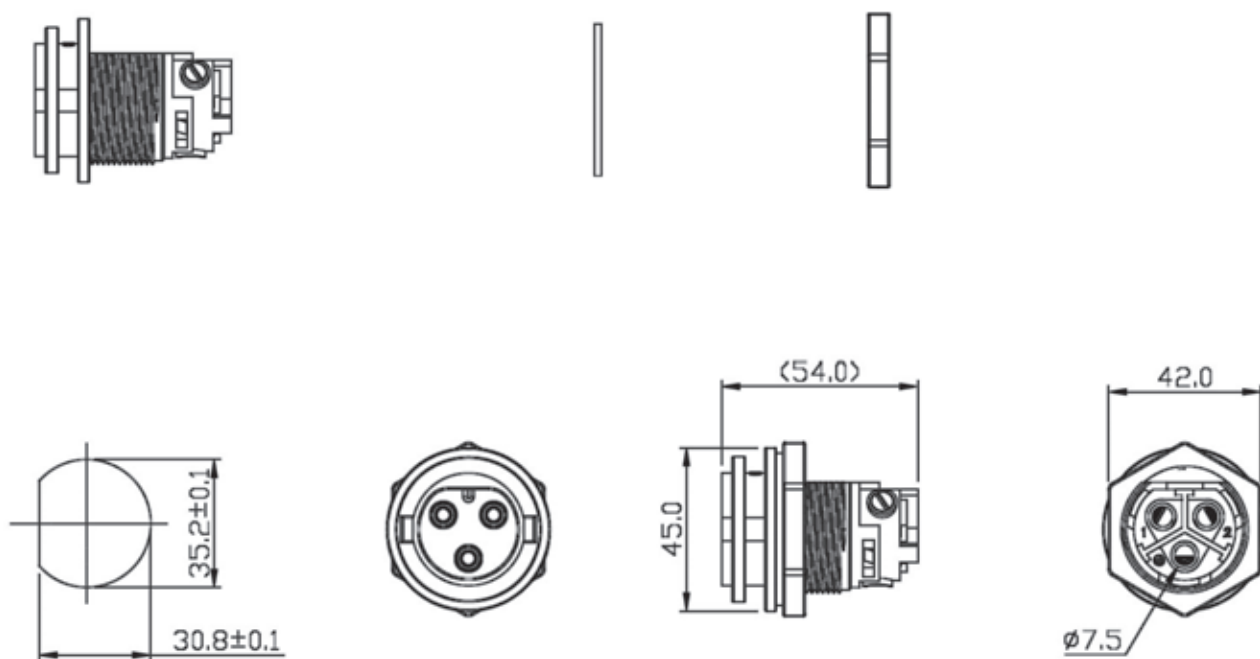
WATERPROOF IP67 RATED POWER M35 41A
3 PIN PUSH LOCK CABLE END JACK (FEMALE)

WATERPROOF IP67 RATED 3 PIN PANEL MOUNT 41A POWER JACK

SPECIFICATION:

1. Waterproof Rate: IP67
2. Recommend Panel Thickness= 0.8mm to 6.0mm
3. Recommend Hex Nut Torque: 9~10 Kgf-cm.
4. RoHS & REACH compliant.

Unit: mm



Recommend
Panel Cut-Out

ORDERING INFORMATION:

P/N W P 9 2 - 0 3 P F

WATERPROOF IP67 RATED POWER M35 41A
3 PIN PUSH LOCK PANEL MOUNT JACK (FEMALE)
FOR PANEL THICKNESS 0.8 TO 6.0MM

WATERPROOF M5 2P+3P+4P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: TPU, UL 94V-0

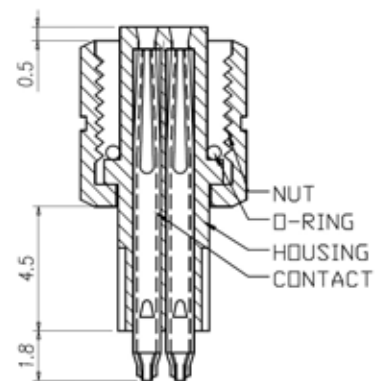
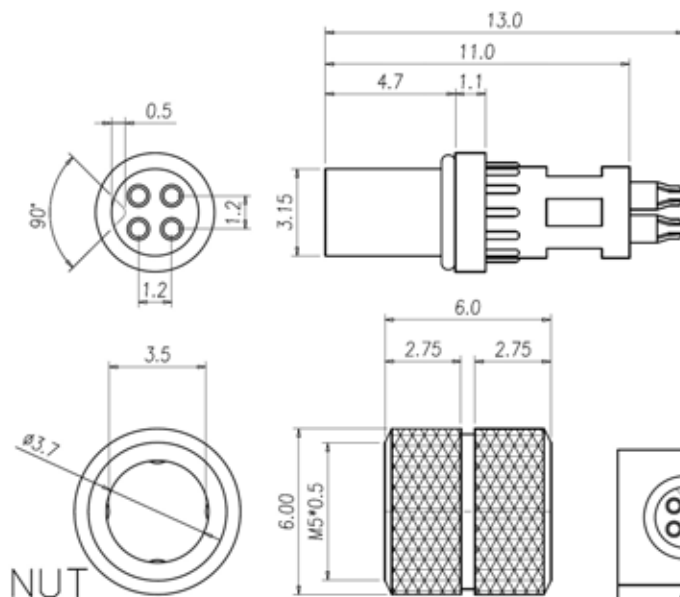
Contact: Phosphor Bronze; Gold plated

Nut: Brass; Nickel or Black Chromate Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



			WPC05F-02SA1	Satin Nickel Plated
			WPC05F-03SA1	Satin Nickel Plated
			WPC05F-04SA1	Satin Nickel Plated
			WPC05F-04SA2	Black Nickel Plated
			WPC05F-04SA3	Satin Chrome Plated
4P	3P	2P	PART NO.	PLATED

ORDERING INFORMATION:

P/N W P C 05 F - x x S A x
1 2 3 4

- CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
- CONNECTOR TYPE:
"F" FEMALE (JACK)
- NO. OF CONTACTS:
02, 03, 04
- SHELL Plating:
"SA1" SATIN NICKEL PLATED (FOR 2P, 3P, 4P)
"SA2" BLACK NICKEL PLATED (FOR 4P ONLY)
"SA3" BLACK CHROMATE PLATED (FOR 4P ONLY)

WATERPROOF M5 4P FEMALE CONNECTOR CABLE SOLDER TYPE WITH GROUNDING



MATERIALS

Housing: TPU, UL 94V-0

Contact: Phosphor Bronze; Gold plated

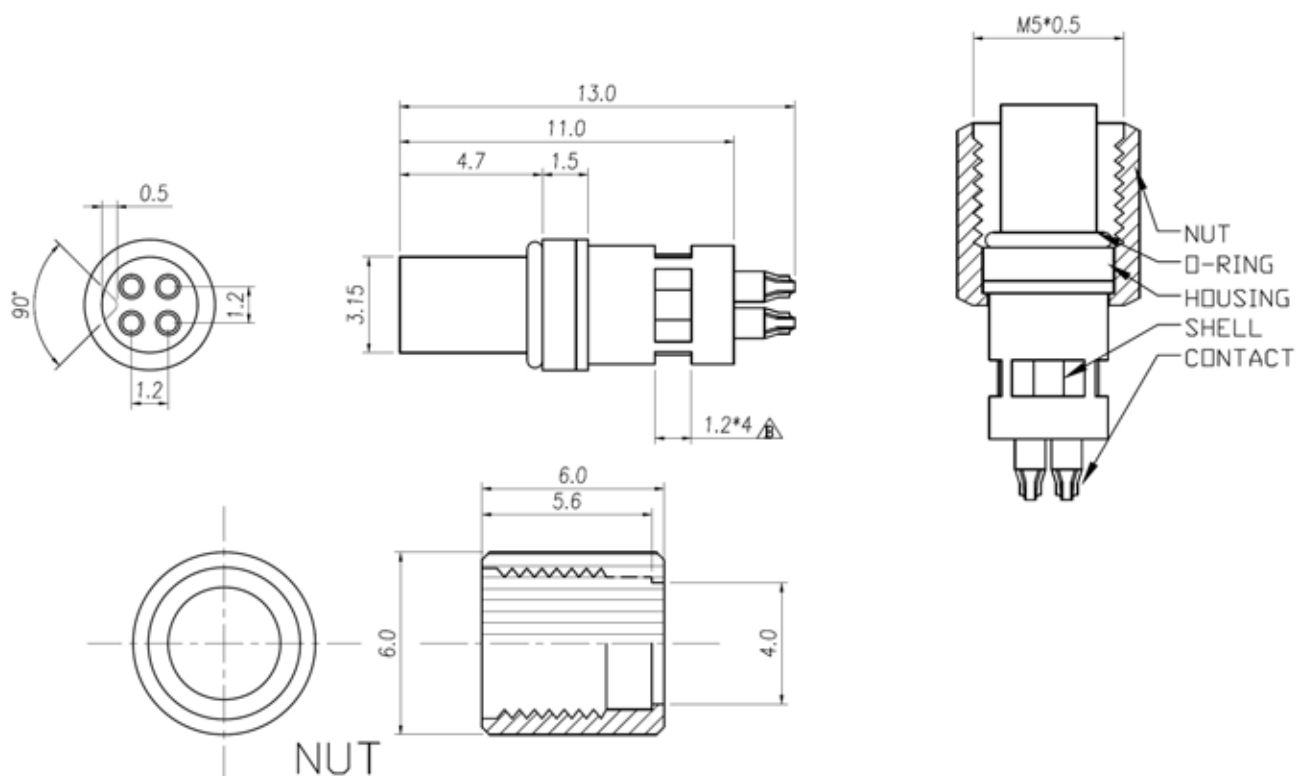
Shell: Brass; Tin Plated

Nut: Brass; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 05 F - 04 S B
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"SB" SOLDER TYPE FOR CABLE ASSEMBLY
WITH GROUNDING

WATERPROOF M5 3P+4P FEMALE CONNECTOR CABLE MOLDING TYPE



MATERIALS

Housing: PUR

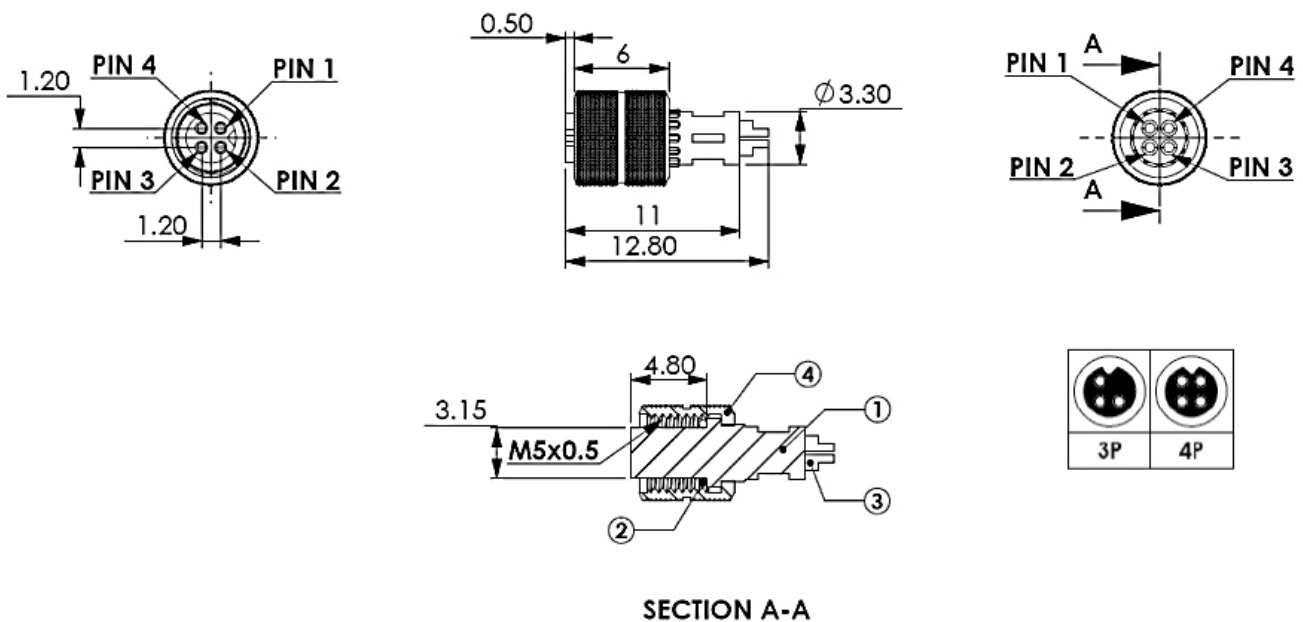
Contact: Brass; Gold plated

Screw: Brass; Stain Nickel Plated

Waterproof: IP67

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{5}{2}$ F - $\frac{x}{3}$ $\frac{x}{4}$ M D

1. CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03, 04
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M5 3P+4P FEMALE CONNECTOR PANEL FRONT MOUNT DIP TYPE



MATERIALS

Housing: PUR

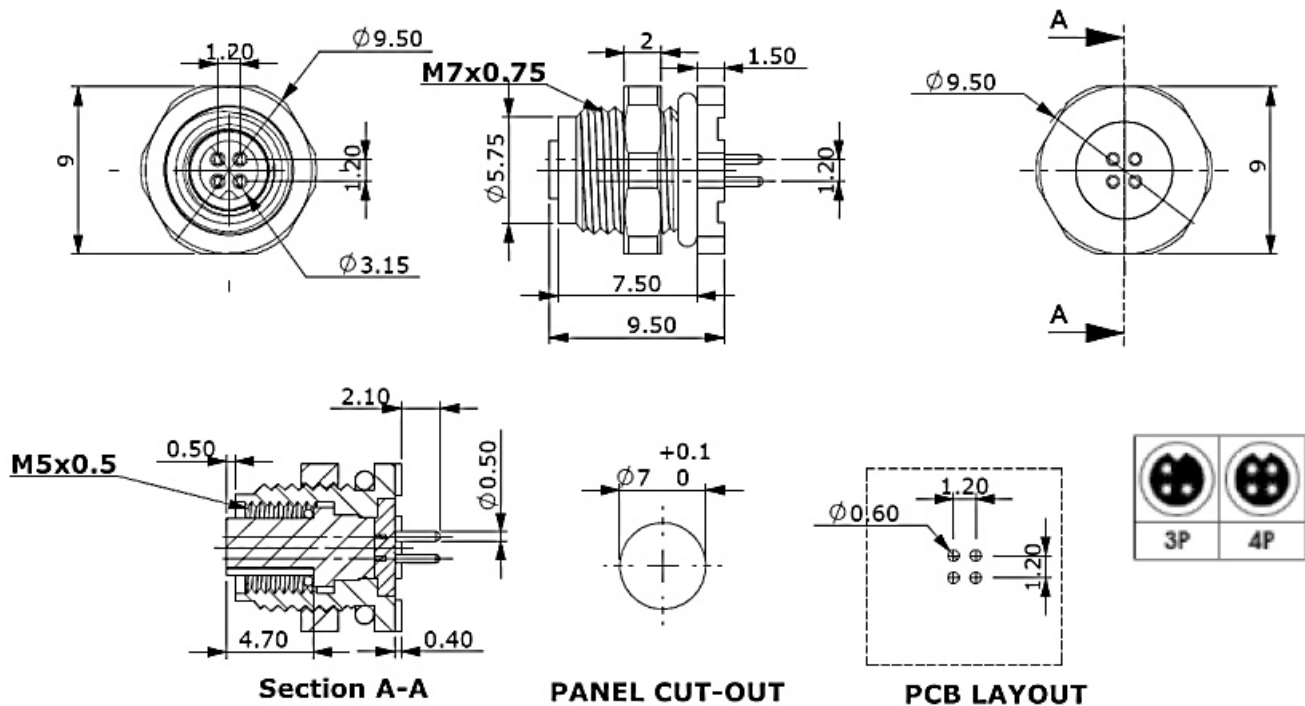
Contact: Brass; Gold plated

Screw: Brass; Stain Nickel Plated

Waterproof: IP67

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{05}{1}$ F - $\frac{x}{2}$ $\frac{x}{3}$ $\frac{D}{4}$ F

1. CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03, 04
4. APPLICABLE TYPE:
"DF" PANEL FRONT MOUNT DIP TYPE

WATERPROOF M5 3P+4P FEMALE CONNECTOR ANTI-ROTATED STRAIGHT DIP TYPE



MATERIALS

Housing: PUR

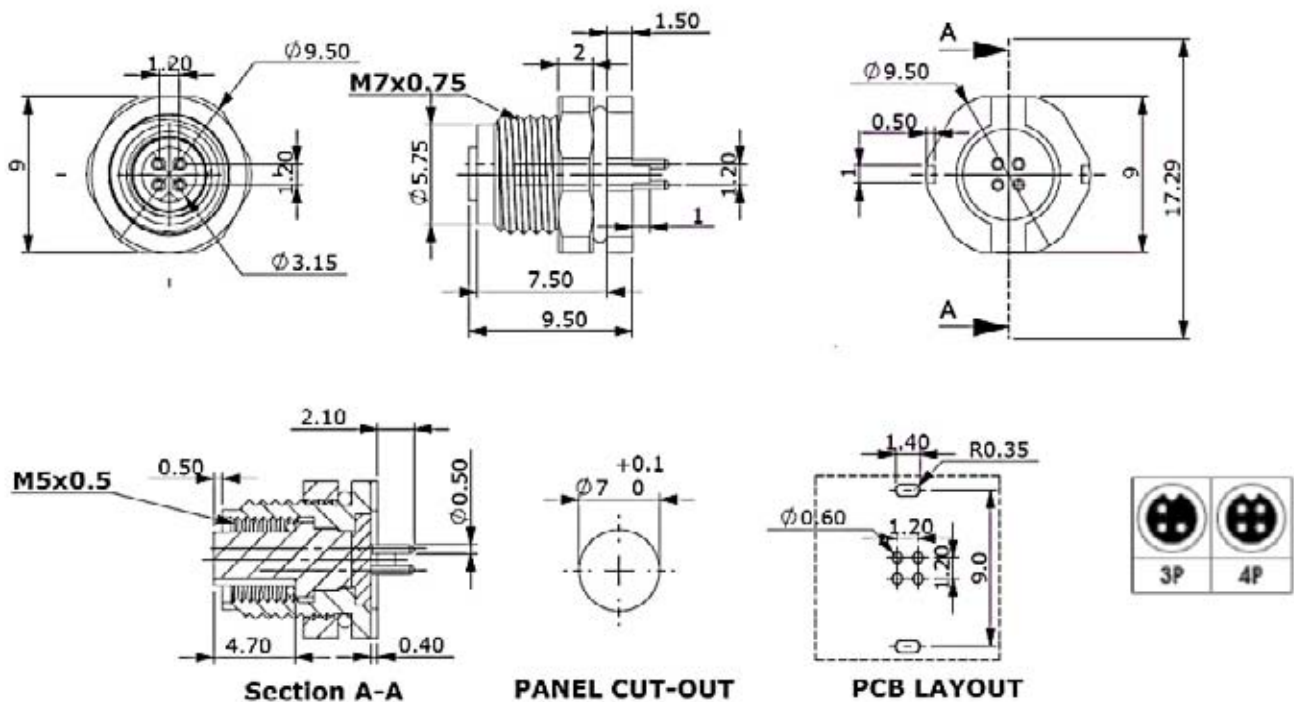
Contact: Brass; Gold plated

Screw: Brass; Stain Nickel Plated

Waterproof: IP67

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{05}{1}$ F - $\frac{x}{2}$ $\frac{x}{3}$ $\frac{D}{4}$ G

1. CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03, 04
4. APPLICABLE TYPE:
"DG" ANTI-ROTATED STRAIGHT DIP TYPE

WATERPROOF M5 3P+4P FEMALE CONNECTOR RIGHT ANGLE DIP TYPE



MATERIALS

Housing: PUR

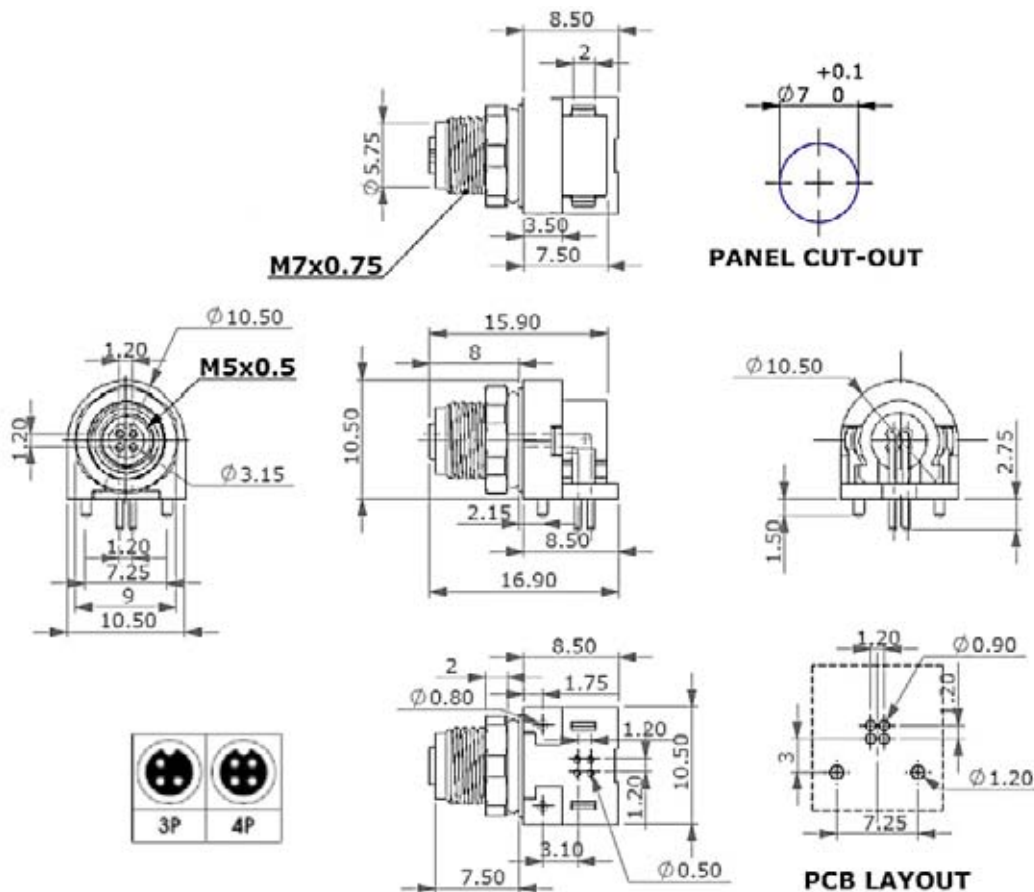
Contact: Brass; Gold plated

Screw: Brass; Stain Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 0 5 F - x x D R
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03, 04
4. APPLICABLE TYPE:
"DR" RIGHT ANGLE DIP TYPE

WATERPROOF M5 2P+3P+4P MALE CONNECTOR



MATERIALS

Housing: TPU, UL 94V-0

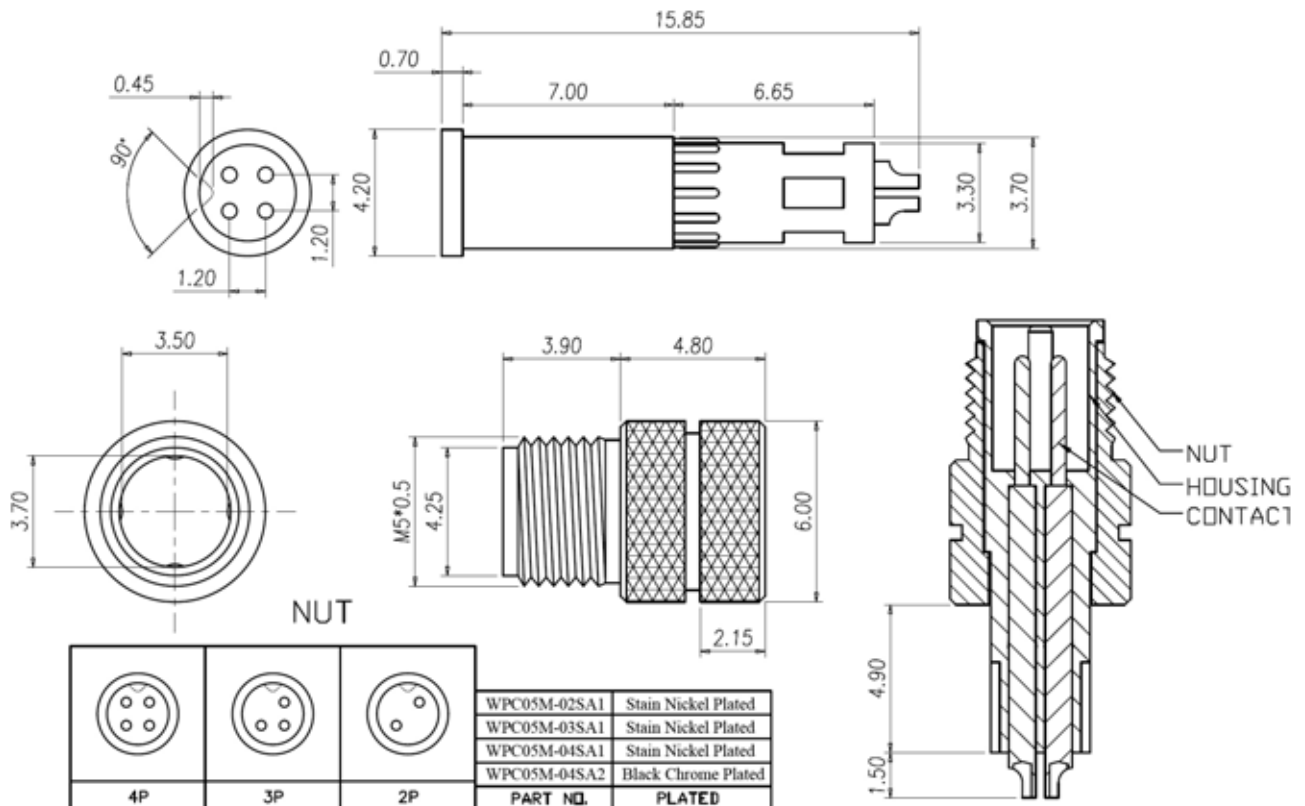
Contact: Brass; Gold plated

Nut: Brass; Nickel or Black Chromate Plated

Waterproof: IP67

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{05}{1}$ $\frac{M}{2}$ - $\frac{x}{3}$ $\frac{S A x}{4}$

1. CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02, 03, 04
4. SHELL PLATING:
"SA1" SATIN NICKEL PLATED (FOR 2P, 3P, 4P)
"SA2" BLACK CHROMATE PLATED (FOR 4P ONLY)

WATERPROOF M5 4P MALE CONNECTOR CABLE SOLDER TYPE WITH GROUNDING



SPECIFICATION:

1.Electrical Specification:

Rated Current: 1A

Rated Voltage: 60V

Water proof: IP67

2.Environmental:

Operating Temperature: -20°C ~ 85°C

Part No.	Material
SB1	TPU; Color: Black
SB2	PBT; Color: Black

MATERIALS:

1.Material:

Housing: TPU or PBT.

Contact: Brass

Nut: Brass

Shell: Brass

2.Finish:

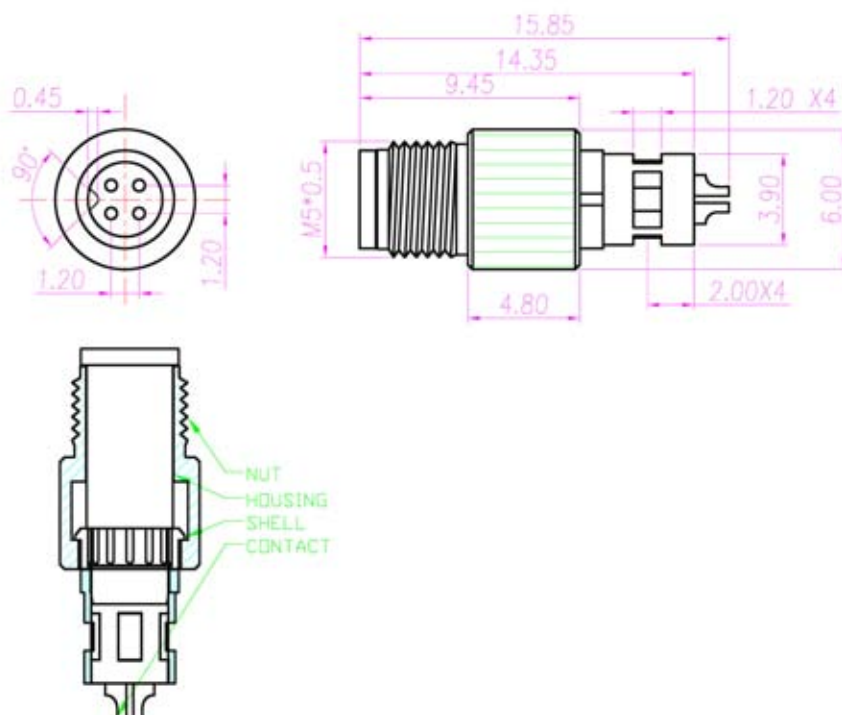
Contact: Gold Flash

Nut: Sating Ni Plated

Shell: Bright Tin Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

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

1. CONNECTOR LOCKING SYSTEM:

"05" SCREW M5* 0.5

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"SB1" SOLDER TYPE WITH TPU HOUSING & GROUDING

"SB2" SOLDER TYPE WITH PBT HOUSING & GROUDING

WATERPROOF M5 3P+4P MALE CONNECTOR CABLE MOLDING TYPE



MATERIALS

Housing: PUR

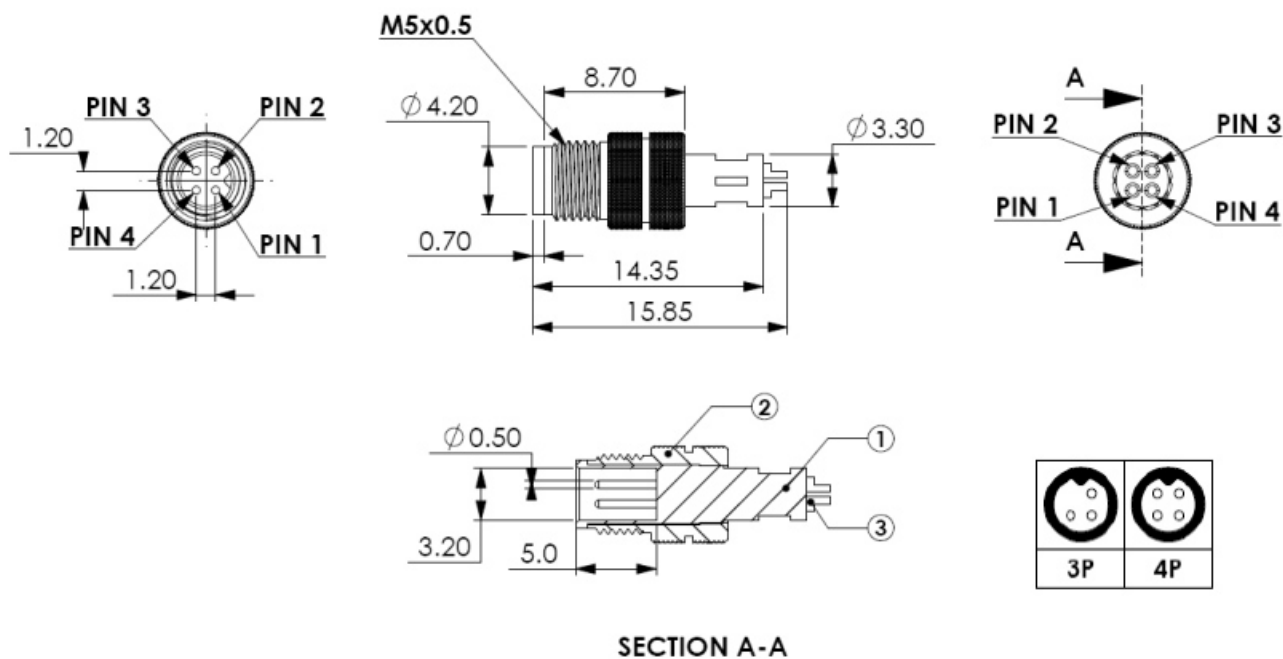
Contact: Brass; Gold plated

Screw: Brass; Stain Nickel Plated

Waterproof: IP67

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

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

1. CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03, 04
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M5 3P+4P MALE CONNECTOR PANEL FRONT MOUNT DIP TYPE



MATERIALS

Housing: PUR

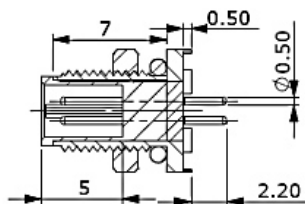
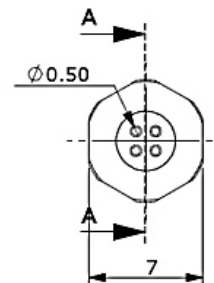
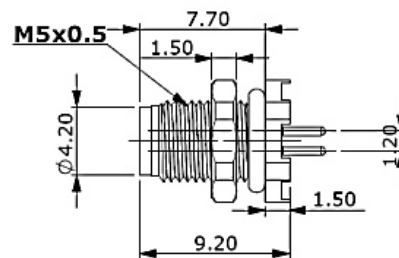
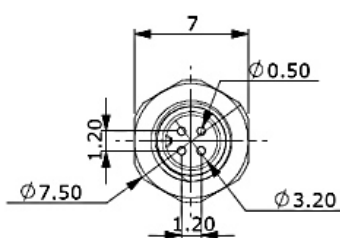
Contact: Brass; Gold plated

Screw: Brass; Stain Nickel Plated

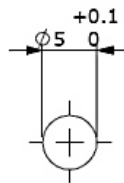
Waterproof: IP67

* RoHS & REACH compliant.

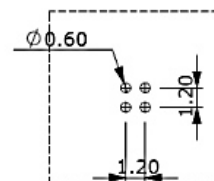
Unit: mm



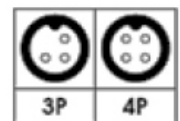
Section A-A



PANEL CUT-OUT



PCB LAYOUT



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{5}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{D}{4}$ F

1. CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03, 04
4. APPLICABLE TYPE:
"DF" PANEL FRONT MOUNT DIP TYPE

WATERPROOF M5 3P+4P MALE CONNECTOR ANTI-ROTATED STRAIGHT DIP TYPE



MATERIALS

Housing: PUR

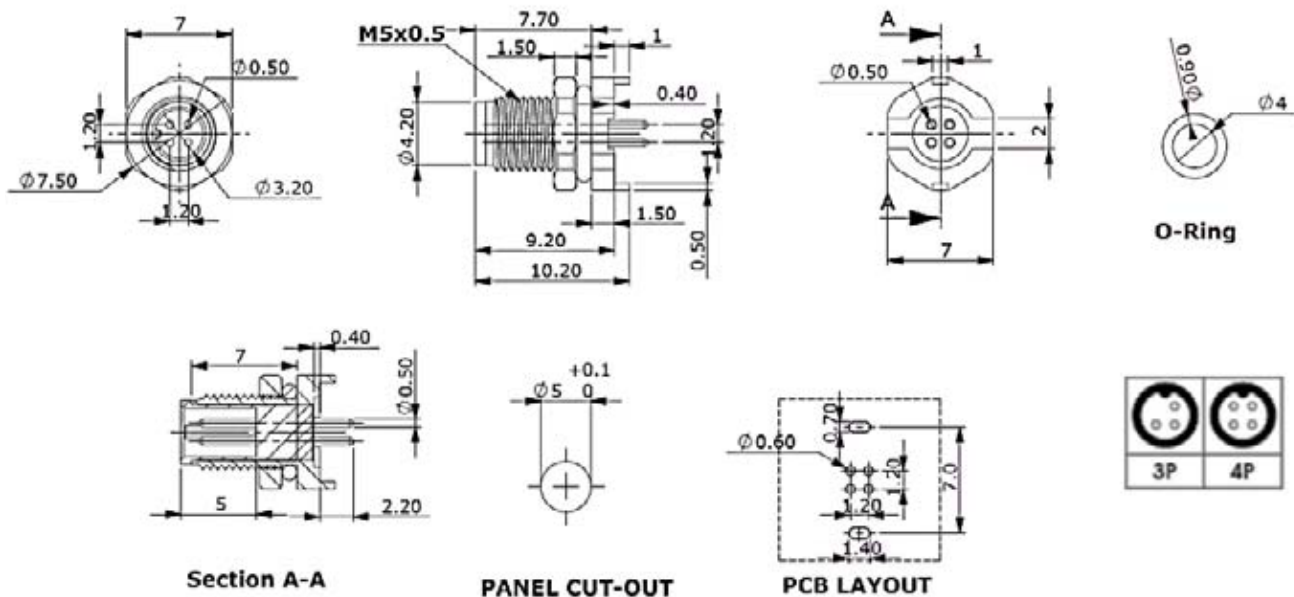
Contact: Brass; Gold plated

Screw: Brass; Stain Nickel Plated

Waterproof: IP67

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{05}{1}$ $\frac{M}{2}$ - $\frac{x}{3}$ $\frac{x}{4}$ $\frac{DG}{4}$

1. CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03, 04
4. APPLICABLE TYPE:
"DG" ANTI-ROTATED STRAIGHT DIP TYPE

WATERPROOF M5 3P+4P MALE CONNECTOR RIGHT ANGLE DIP TYPE



MATERIALS

Housing: PUR

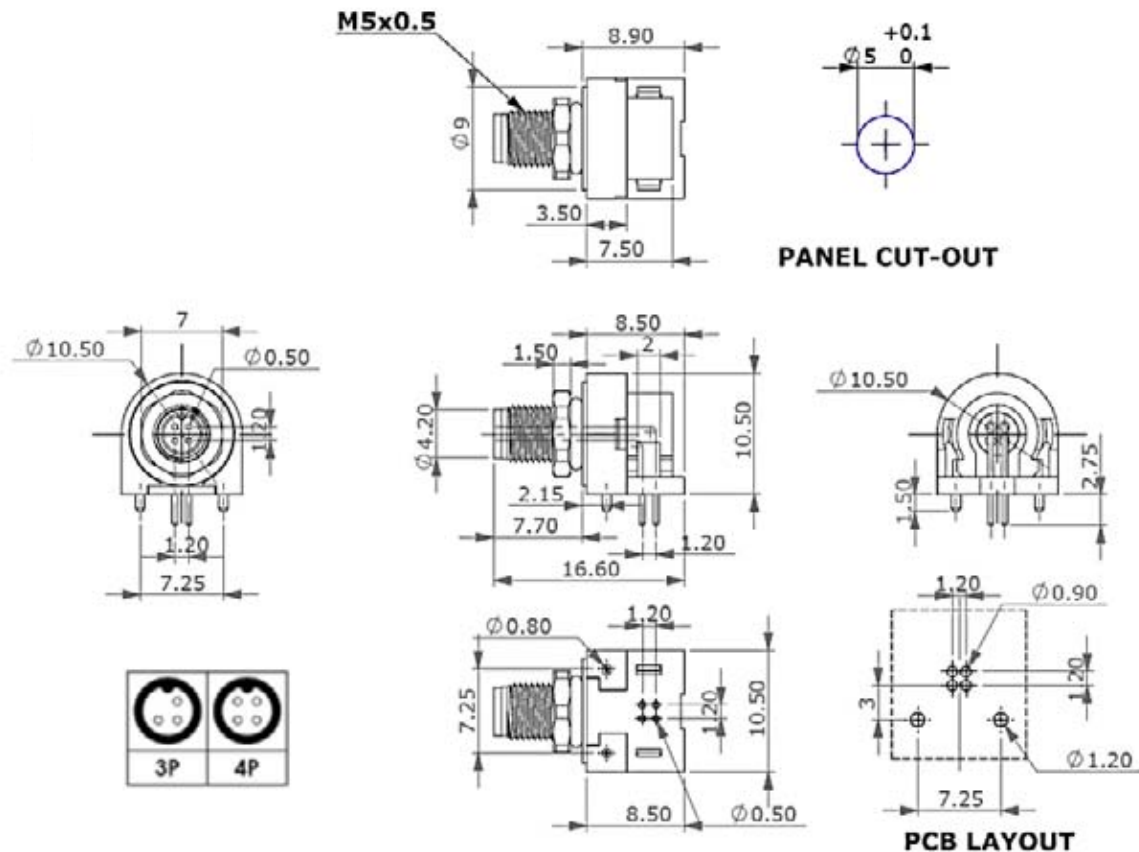
Contact: Brass; Gold plated

Screw: Brass; Stain Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0.5}{1}$ $\frac{M}{2}$ - $\frac{x}{3}$ $\frac{x}{4}$ D R

1. CONNECTOR LOCKING SYSTEM:
"05" SCREW M5*0.5
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03, 04
4. APPLICABLE TYPE:
"DR" RIGHT ANGLE DIP TYPE

WATERPROOF M8 3 PIN FEMALE CONNECTOR ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

PA Lock: PA66+25%GF, Black

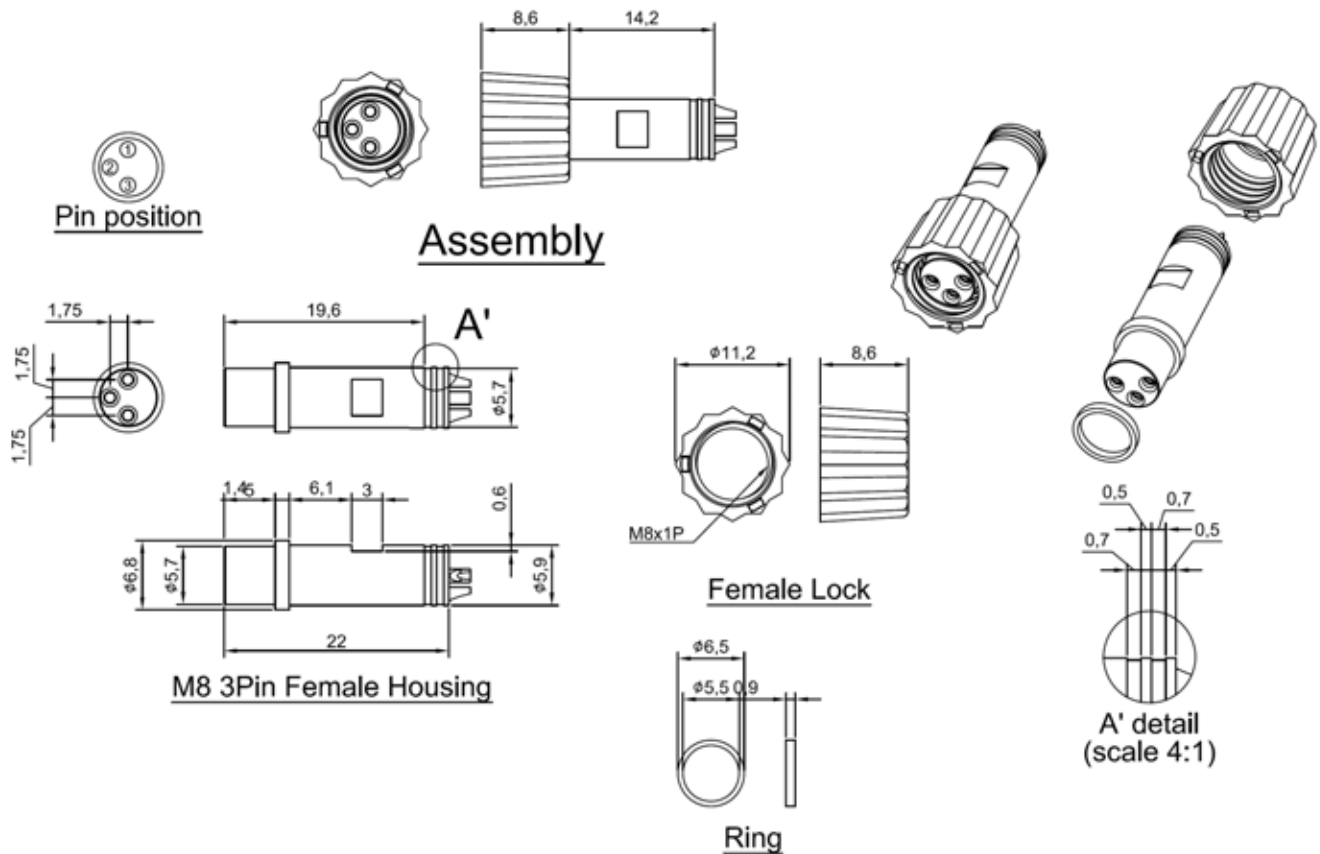
Ring: NBR, Black

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 F - 03 AP
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"AP" CABLE ASSEMBLY TYPE

WATERPROOF M8 4 PIN FEMALE CONNECTOR ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

PA Lock: PA66+25%GF, Black

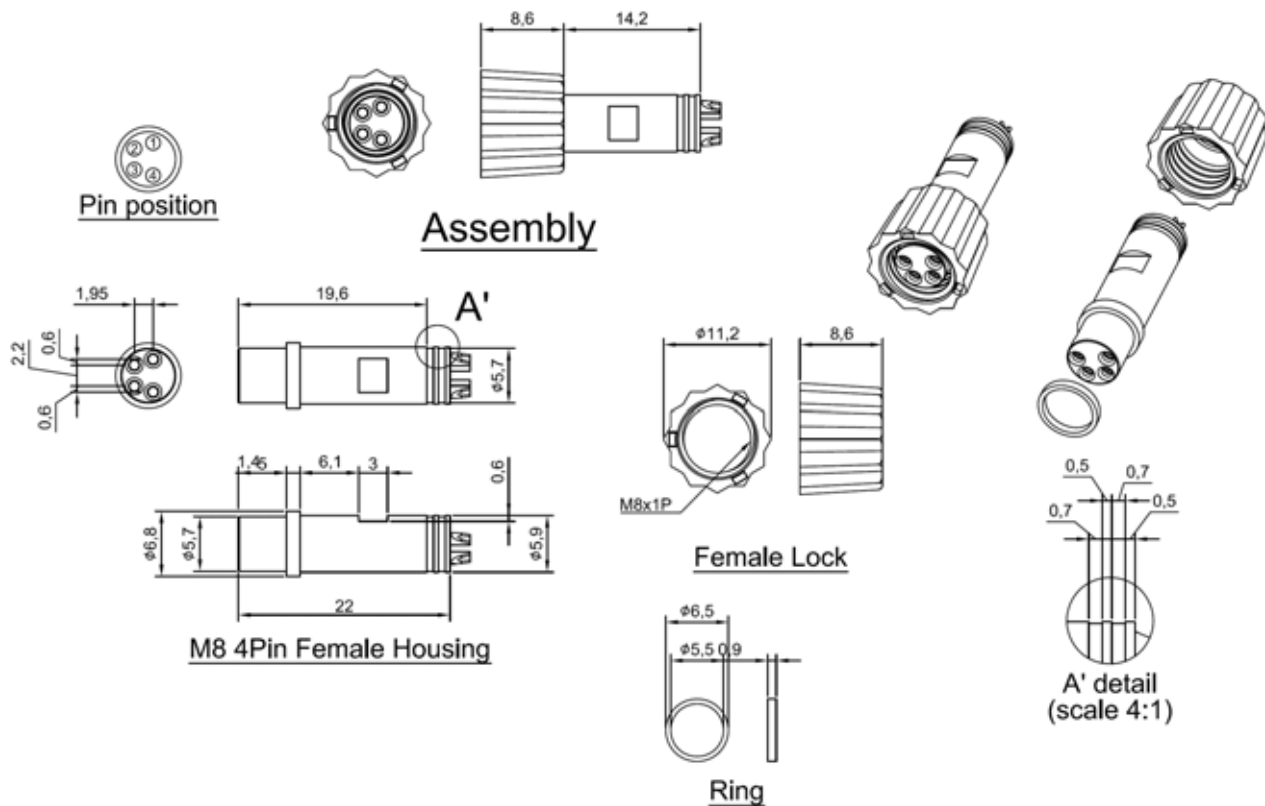
Ring: NBR, Black

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{08}{1}$ $\frac{F}{2}$ - $\frac{04}{3}$ $\frac{AP}{4}$

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"AP" CABLE ASSEMBLY TYPE

WATERPROOF M8 3 PIN FEMALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Brass Lock: Brass, Nickel plated

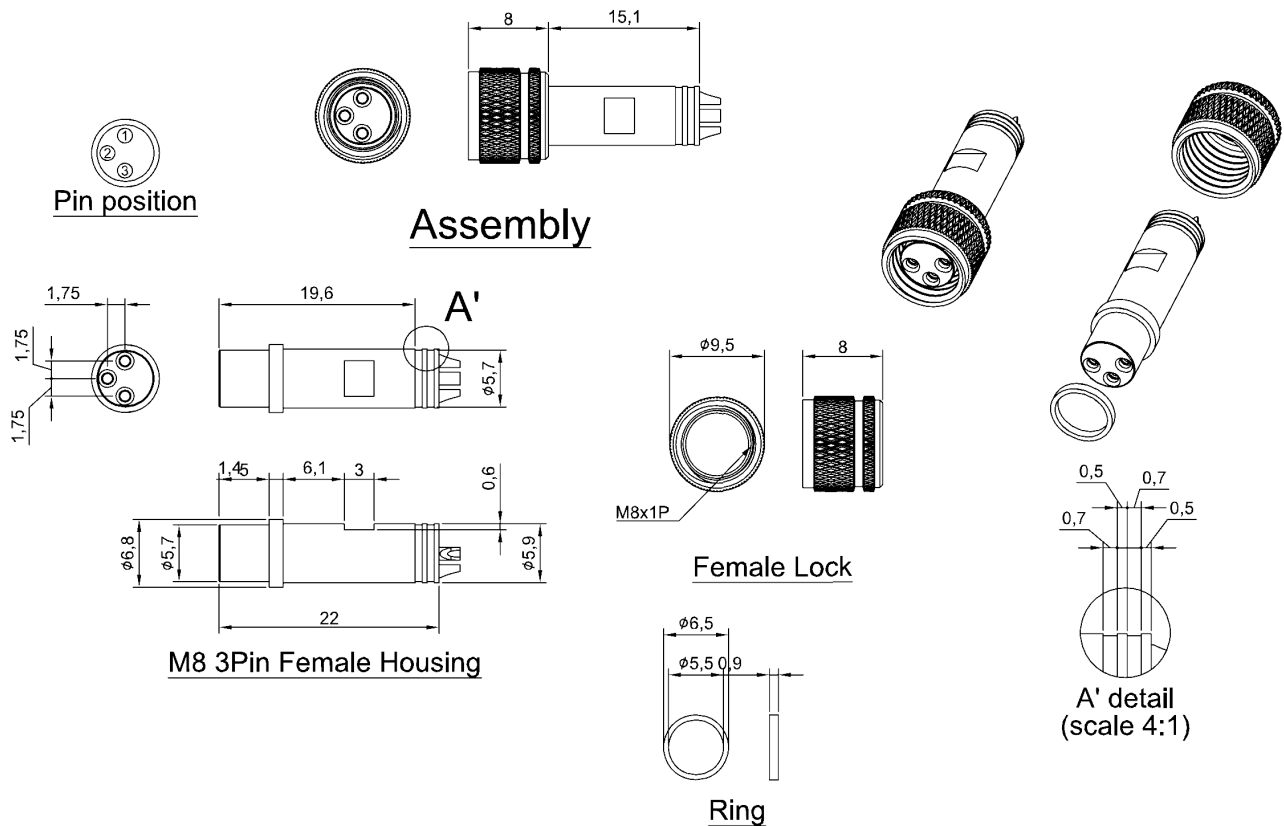
Ring: NBR, Black

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N WPC $\frac{08}{1} \frac{F}{2} - \frac{03}{3} \frac{AM}{4}$

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"AM" CABLE ASSEMBLY TYPE

WATERPROOF M8 4 PIN FEMALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Brass Lock: Brass, Nickel plated

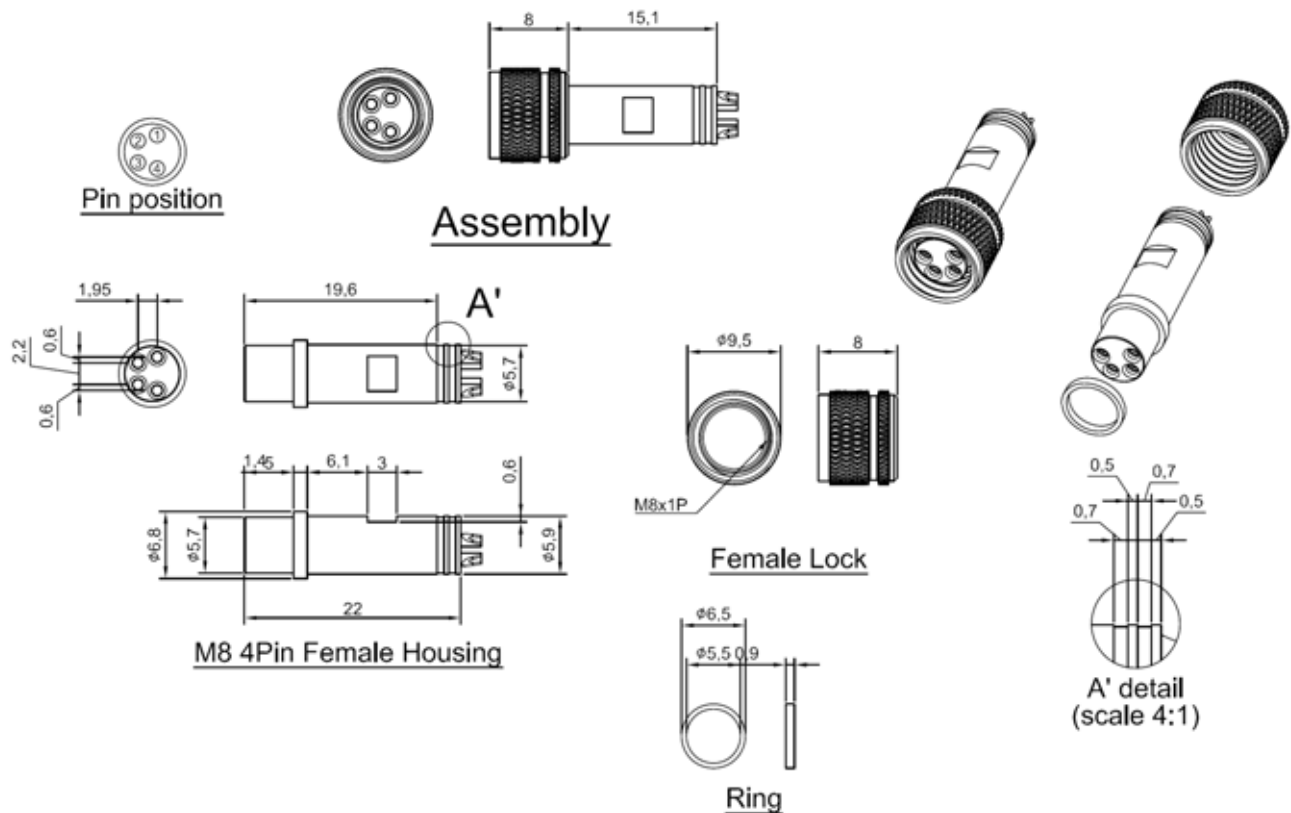
Ring: NBR, Black

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 F - 04 A M
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"AM" CABLE ASSEMBLY TYPE

WATERPROOF M8 2P+3P+4P FEMALE CONNECTOR CABLE SOLDER TYPE WITH GROUNDING



MATERIALS

Housing: PBT, UL 94V-0

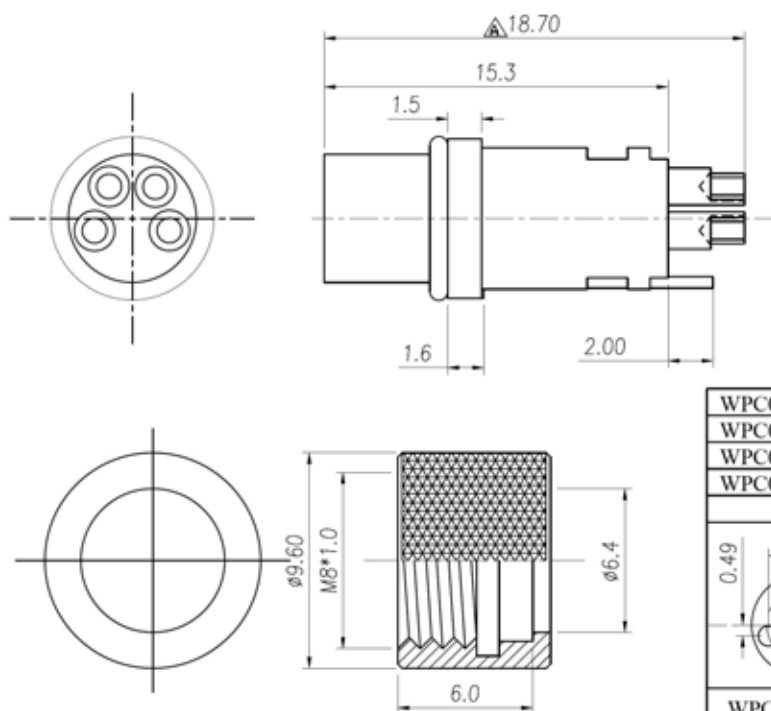
Contact: Phosphor Bronze; Gold Plating Over Nickel

Shell: Brass; Nickel or Black Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



WPC08F-04SD2	Black Nickel Plated	Black Nickel Plated
WPC08F-02SD1	Nickel Plated	Bright Tin Plated
WPC08F-03SD1		
WPC08F-04SD1		
P/N	SHELL PLATING	GROUND PLATING
		
WPC08F-02SD1	WPC08F-03SD1	WPC08F-04SD1 WPC08F-04SD2

ORDERING INFORMATION:

P/N W P C 0 8 F - x x S D x
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
02, 03, 04
4. SHELL PLATING:
"SD1" NICKEL PLATED SHELL (FOR 2P, 3P, 4P)
"SD2" BLACK NICKEL PLATED SHELL (FOR 4P ONLY)

WATERPROOF M8 2P+3P+4P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Copper alloy; 10 microinches min. Gold Plating under Nickel

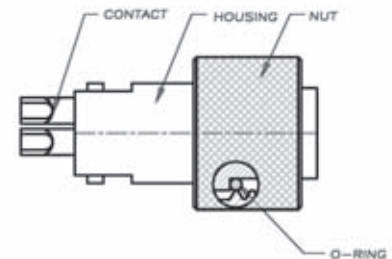
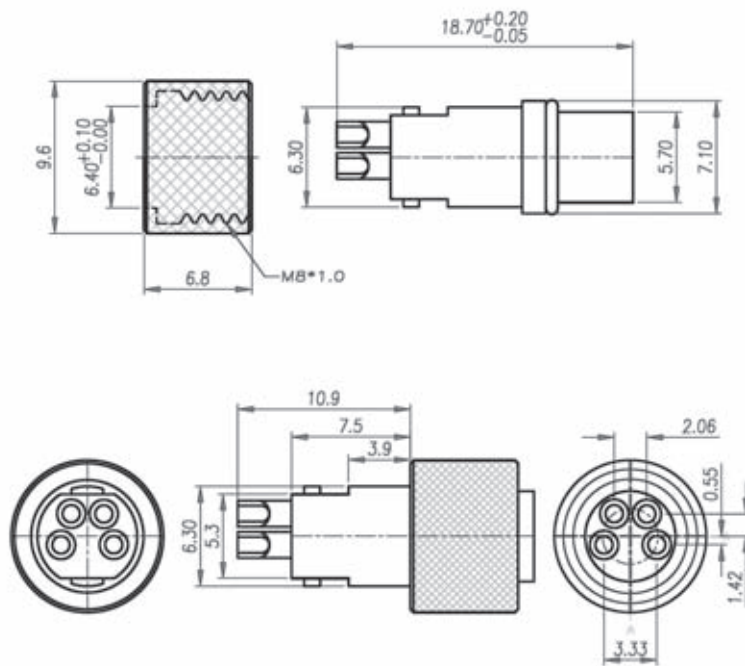
Nut: Copper alloy; Nickel plated 60u" ~ 100u" over all

O-Ring: NBR

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ F - $\frac{x}{3}$ $\frac{x}{4}$ SA

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
02, 03, 04
4. APPLICABLE TYPE:
"SA" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M8 4P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

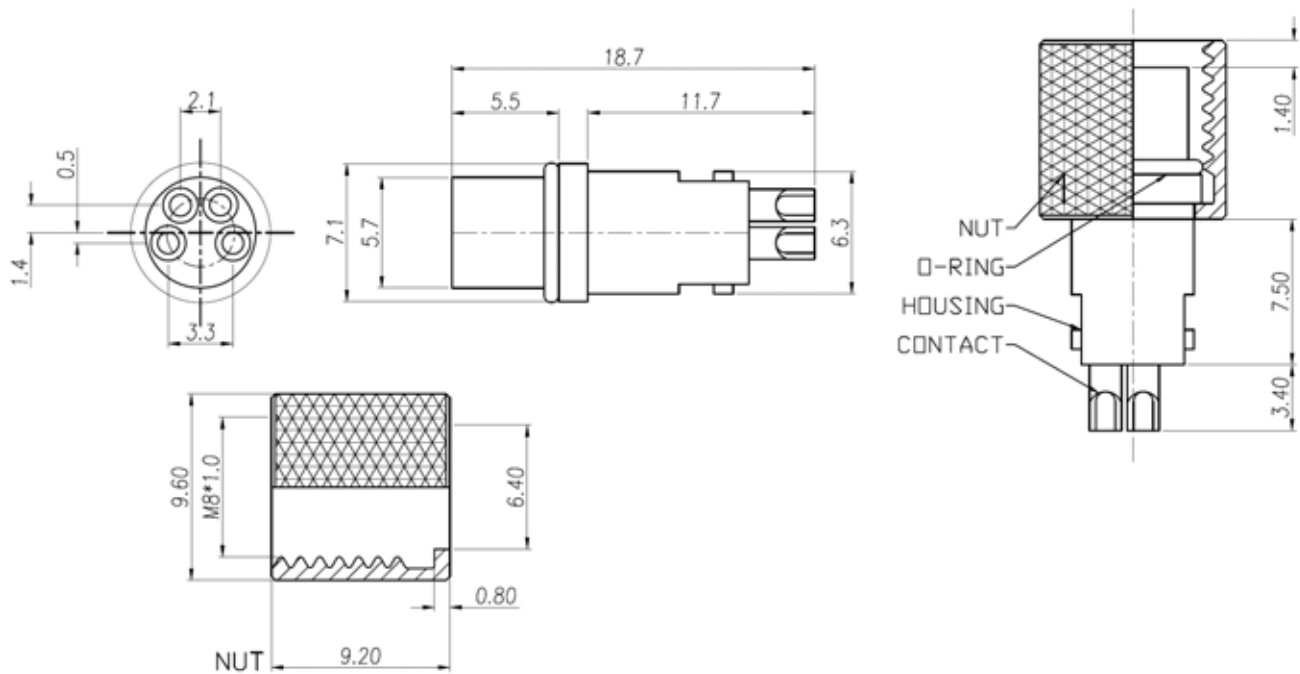
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 F - 04 S C
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"SC" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M8 5P+6P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

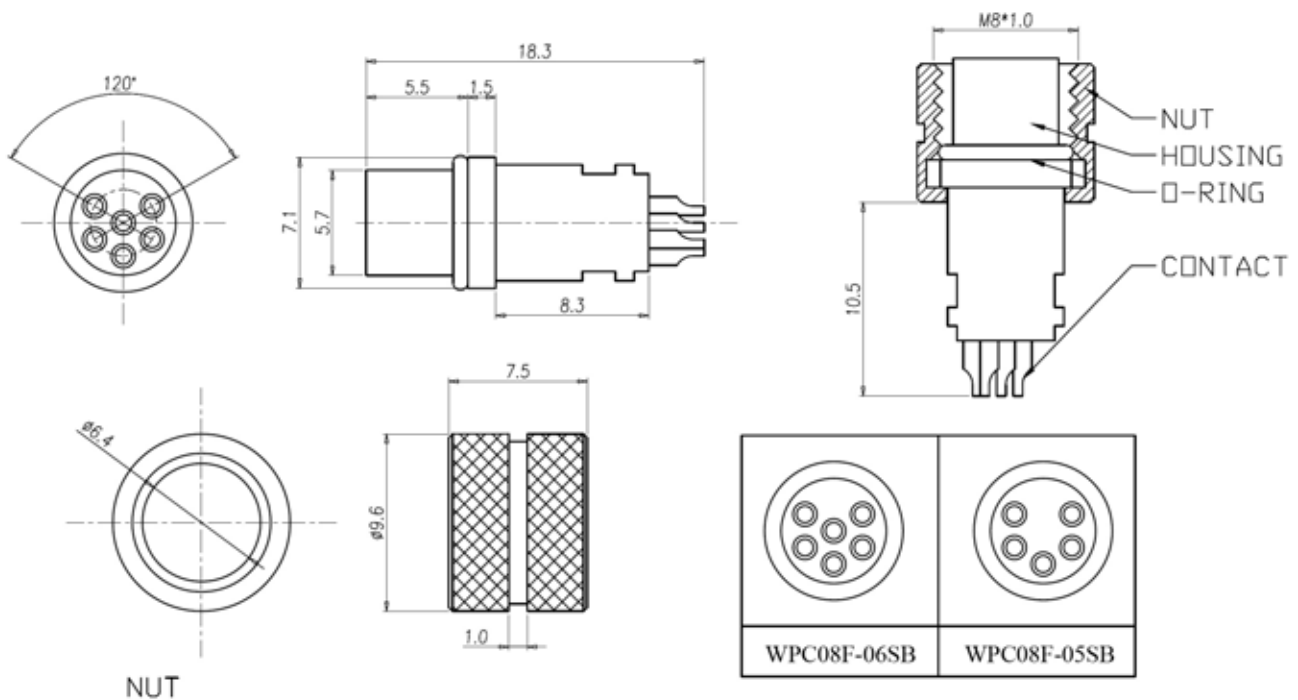
Contact: Brass; Gold plated

Nut: Brass; Nickel Plated

Waterproof: IP67

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C 0 8 F - x x S B
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05, 06
4. APPLICABLE TYPE:
"SB" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M8 5P+6P FEMALE CONNECTOR CABLE SOLDER TYPE WITH GROUNDING



SPECIFICATION:

1.Electrical Specification:

Rated Current: 3A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

Ground: Brass

O-Ring: NBR

2.Finish:

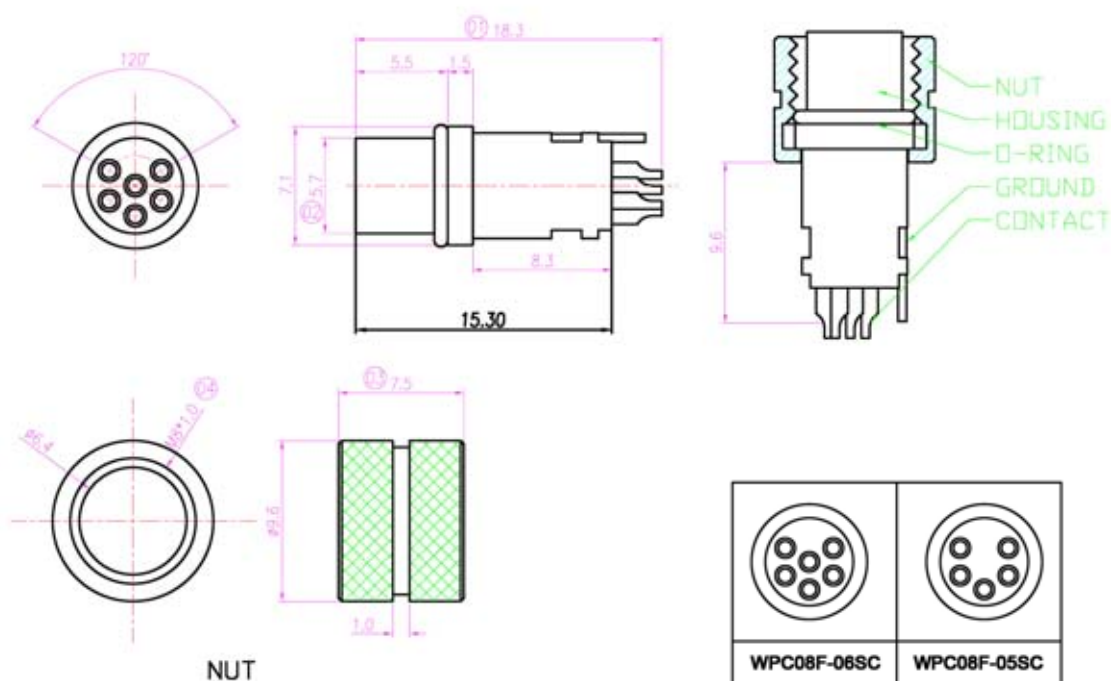
Contact: Gold Flash

Nut: Nickel Plated

Ground: Bright Tin 60u"

*RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C 0 8 F - x x S C

1. CONNECTOR LOCKING SYSTEM:

"08" SCREW M8* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

05, 06

4. APPLICABLE TYPE:

"SC" CABLE SOLDER TYPE WITH GROUDING

WATERPROOF M8 3P FEMALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

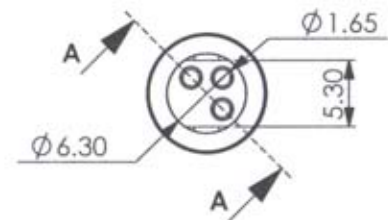
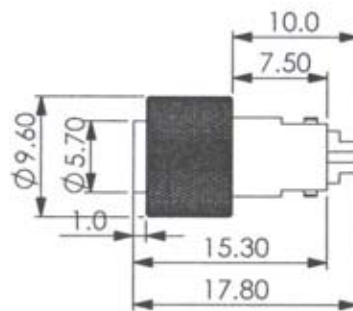
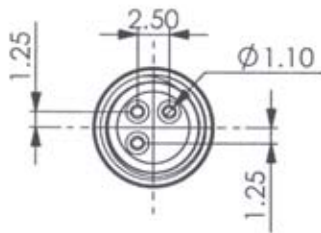
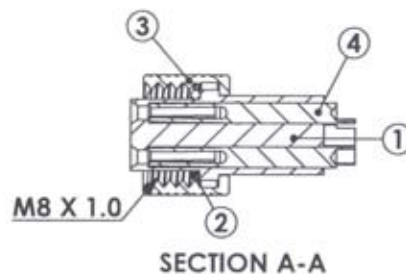
Housing: Thermoplastic, UL94V-0

Screw Cap: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 F - 03 M D
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M8 4P FEMALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

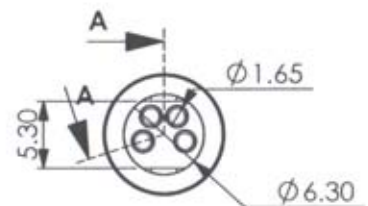
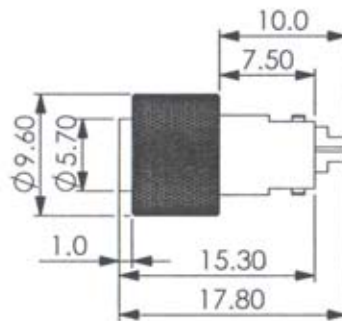
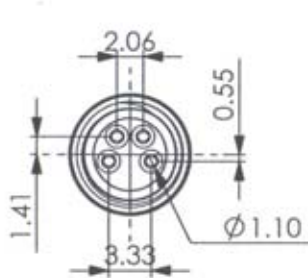
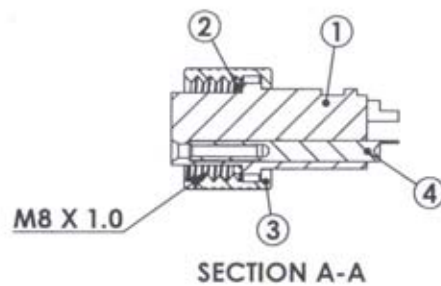
Housing: Thermoplastic, UL94V-0

Screw Cap: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 F - 04 M D
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M8 2P+3P FEMALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: Thermoplastic, UL 94V-0

Contact: Brass; 10u" on contact Goldflash on solder area

Shell: Brass; Nickel 60u"

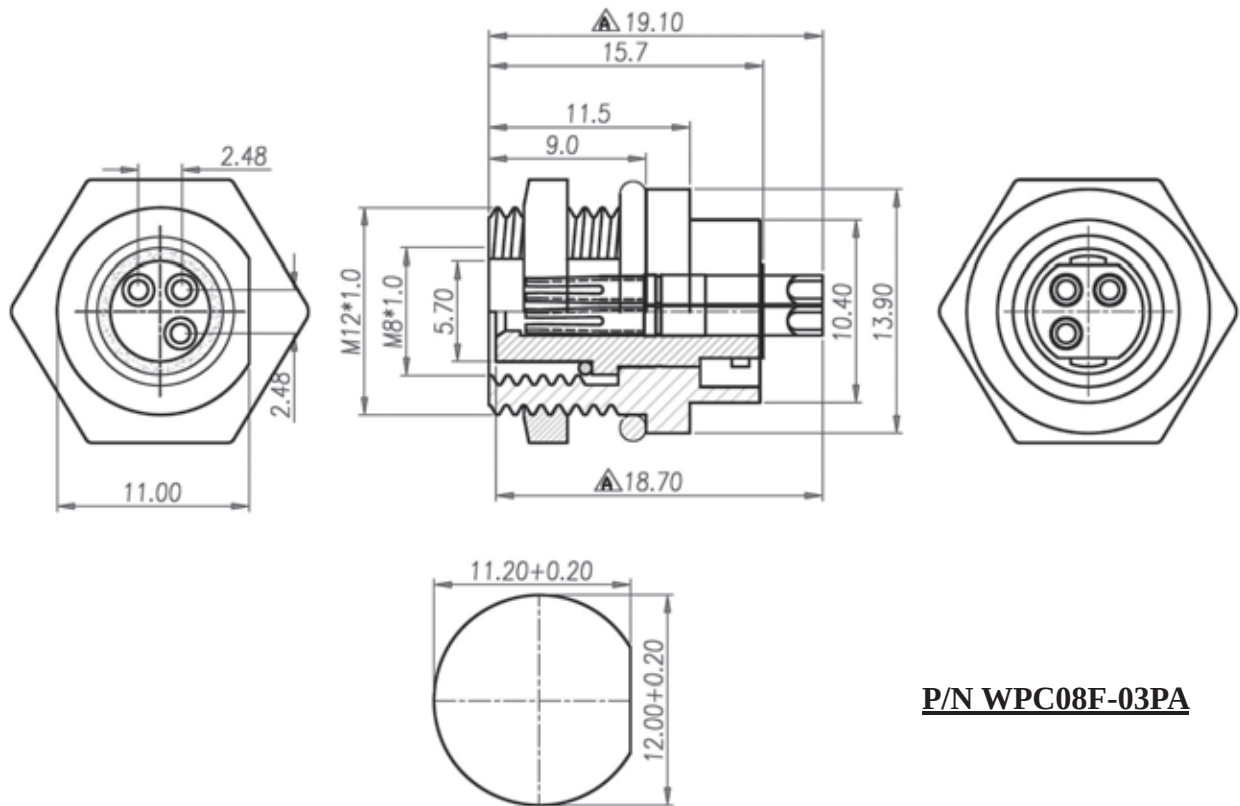
Nut: Brass; Nickel 60u"

O-Ring: NBR

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

Unit: mm



Panel cut-out

P/N WPC08F-03PA

ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ F - $\frac{x}{3}$ $\frac{x}{4}$ P A

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
02, 03, 04
4. APPLICABLE TYPE:
"PA" PANEL MOUNT SOLDER TYPE

WATERPROOF M8 4P FEMALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Phosphor Bronze; Gold Plating Over Nickel

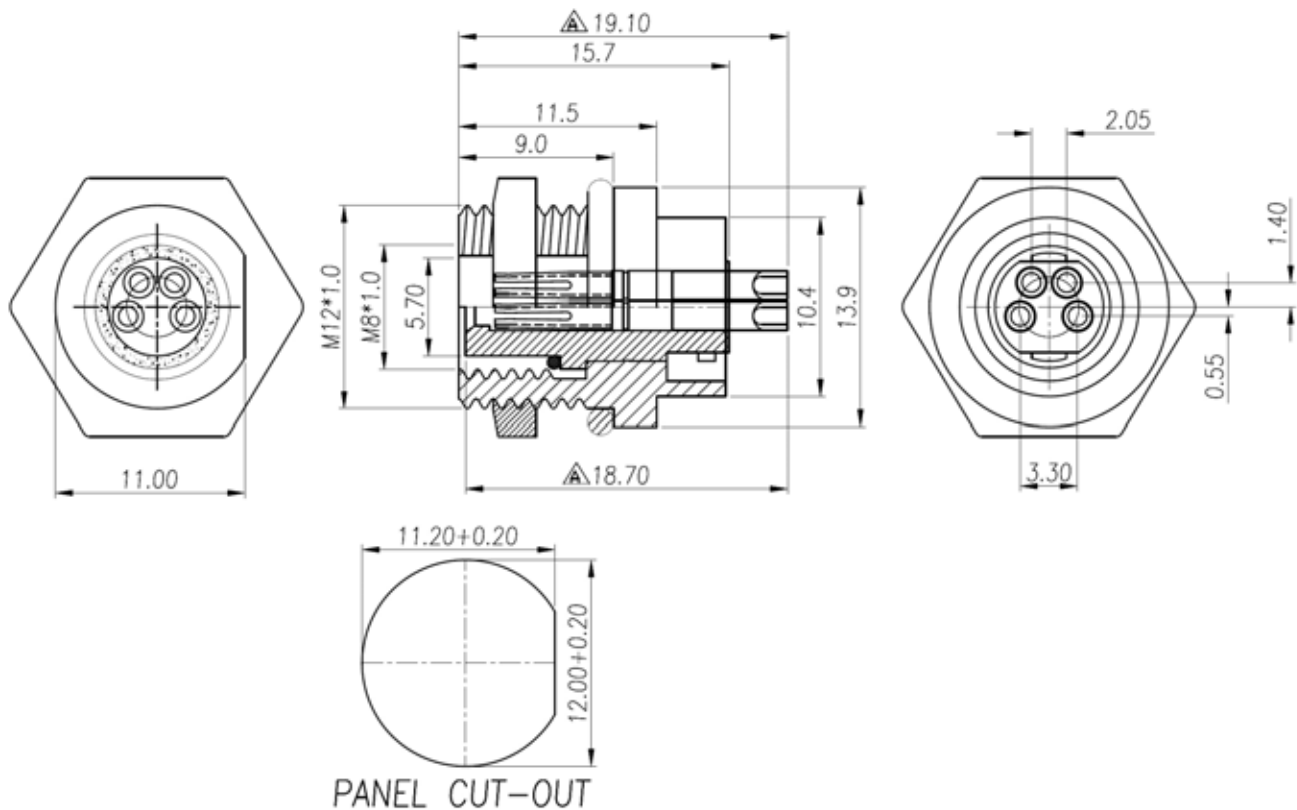
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 0 8 F - 0 4 PA
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PA" PANEL MOUNT SOLDER TYPE

WATERPROOF M8 5P+6P FEMALE CONNECTOR PANEL MOUNT TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

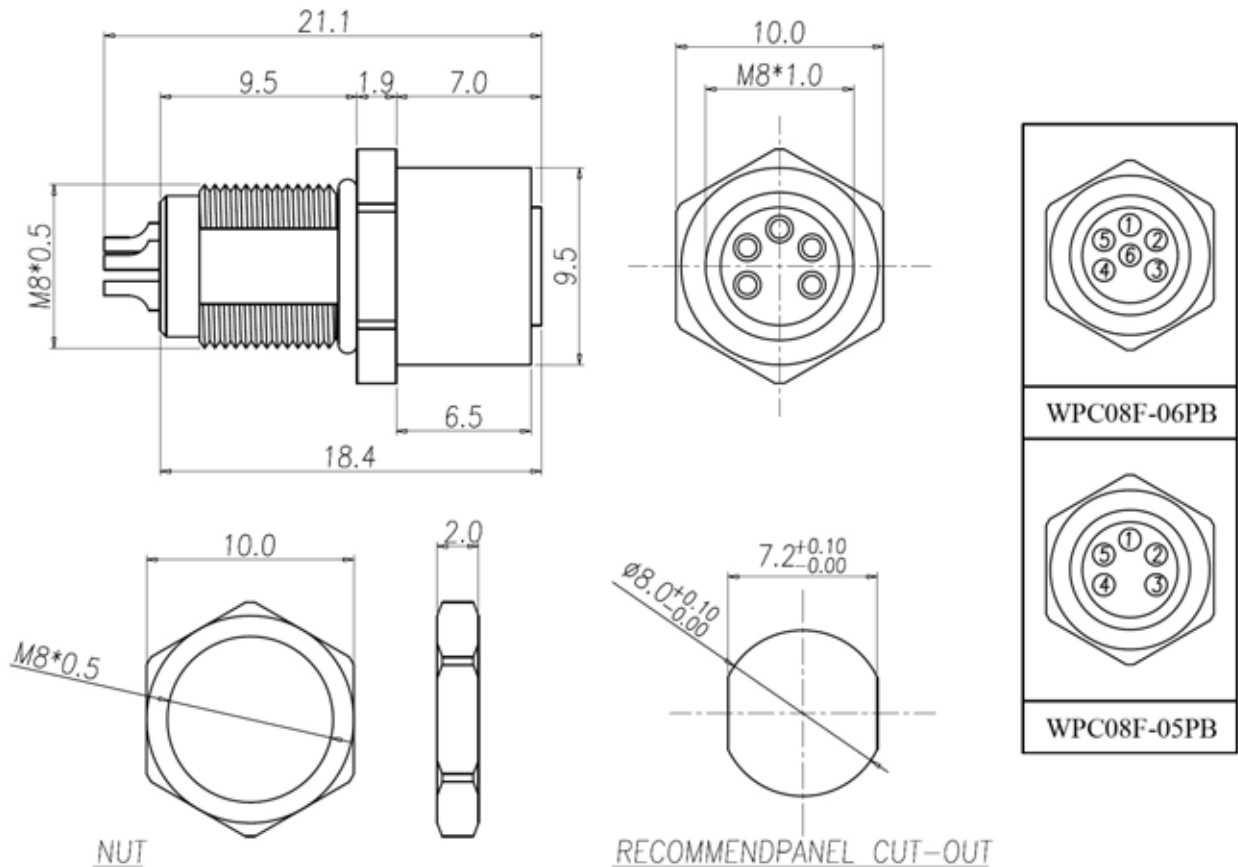
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 F - x x PB
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05, 06
4. APPLICABLE TYPE:
"PB" PANEL MOUNT TYPE

WATERPROOF M8 5P FEMALE CONNECTOR PANEL REAR MOUNT TYPE



SPECIFICATION:

1. Electrical Specification:

Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2. Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1. Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

Ground: Brass

O-Ring: EPDM; Color: Black

2. Finish:

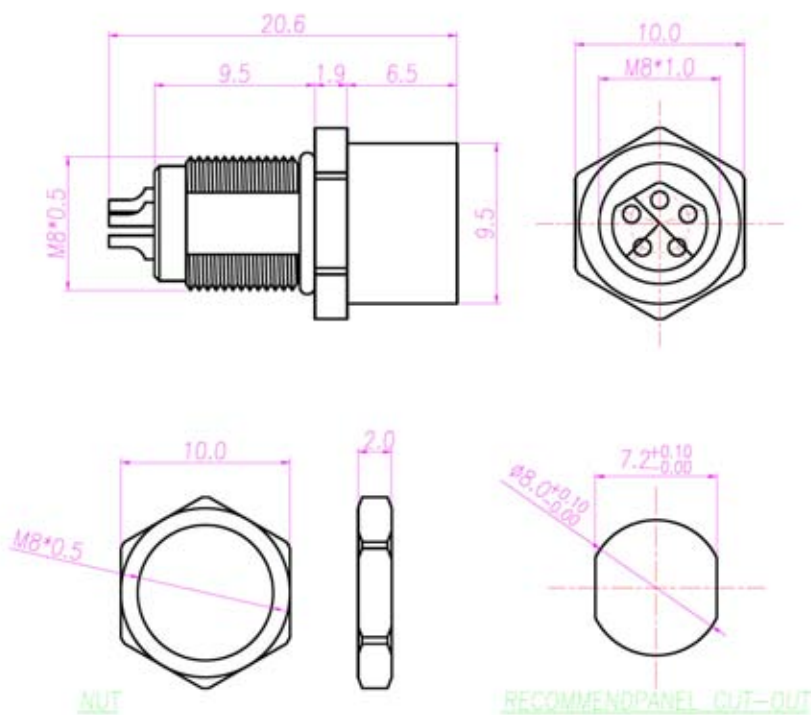
Contact: Gold Flash

Shell: Nickel Plated

Nut: Nickel Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 F - 05 P E
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:

"08" SCREW M8* 0.5

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

05

4. APPLICABLE TYPE:

"PE" PANEL REAR MOUNT TYPE

WATERPROOF M8 4P FEMALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

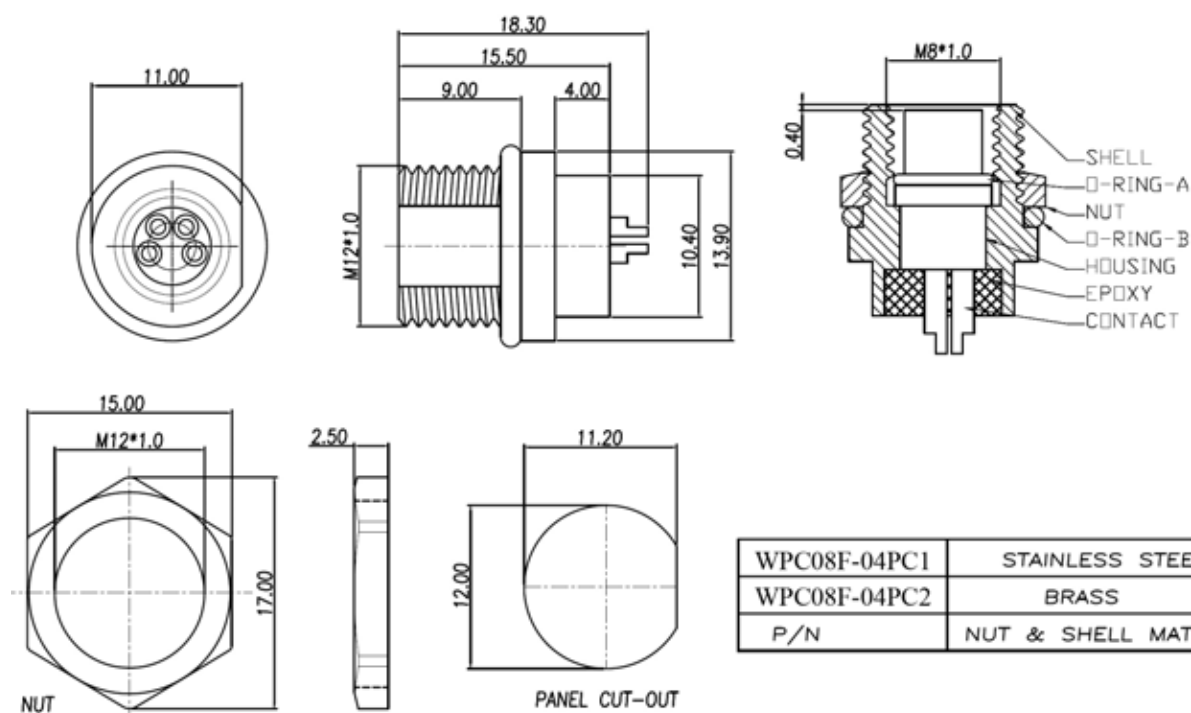
Shell: Stainless or Brass; Nickel Plated

Nut: Stainless or Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 0 8 F - 0 4 P C x

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. NUT & SHELL MATERIAL:
"PC1" STAINLESS STEEL
"PC2" BRASS

WATERPROOF M8 3P FEMALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

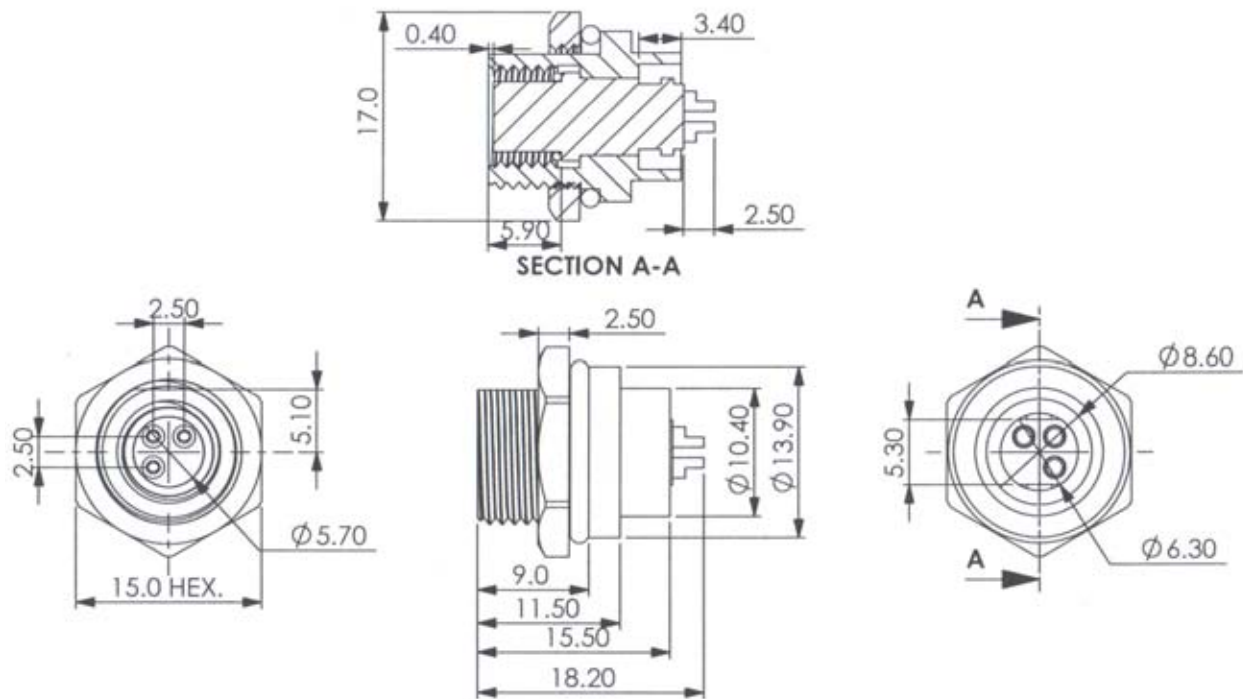
Shield Cover: Brass, Nickel Plated

Screw Cap: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 F - 03 P F
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"PF" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M8 4P FEMALE CONNECTOR PANEL MOUNT SOLDER TYPE



SPECIFICATIONS

Current: 3A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

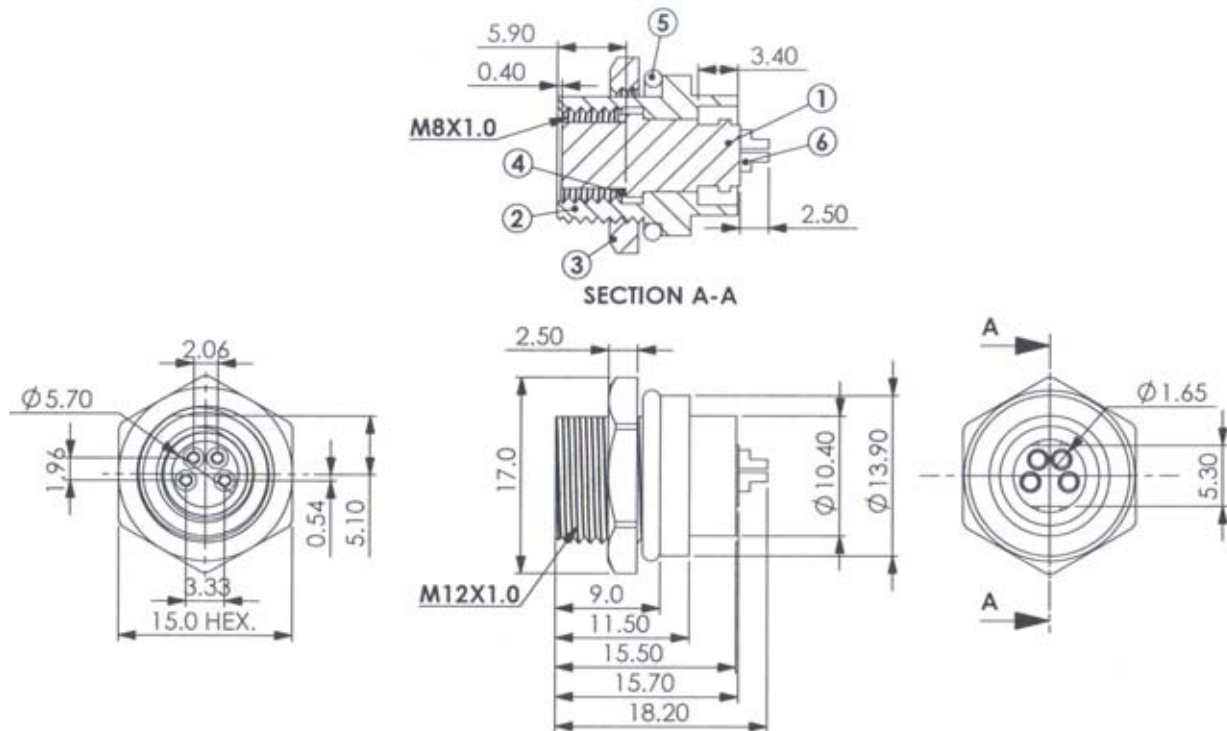
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Washer: Brass, Nickel Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 F - 04 P D
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PD" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M8 3P FEMALE CONNECTOR STRAIGHT PCB MOUNT TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

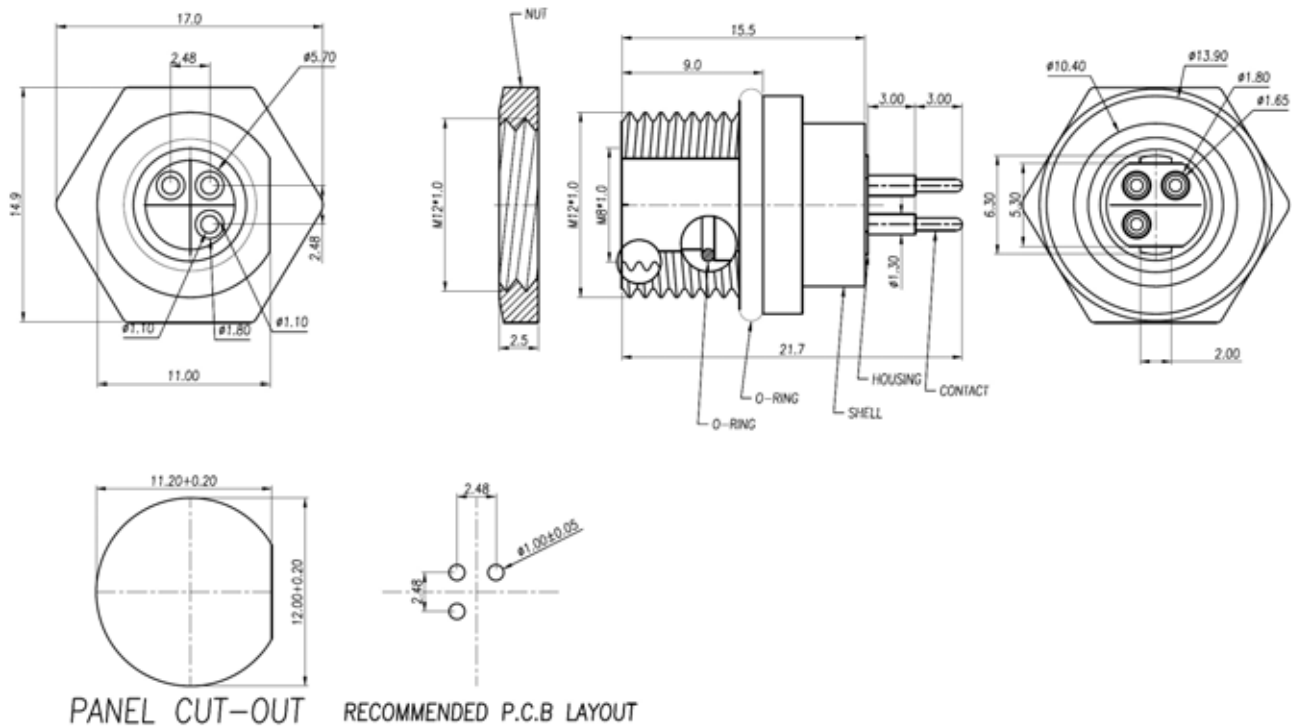
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 F - 03 D A
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"DA" STRAIGHT DIP TYPE

WATERPROOF M8 3 PIN MALE CONNECTOR ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

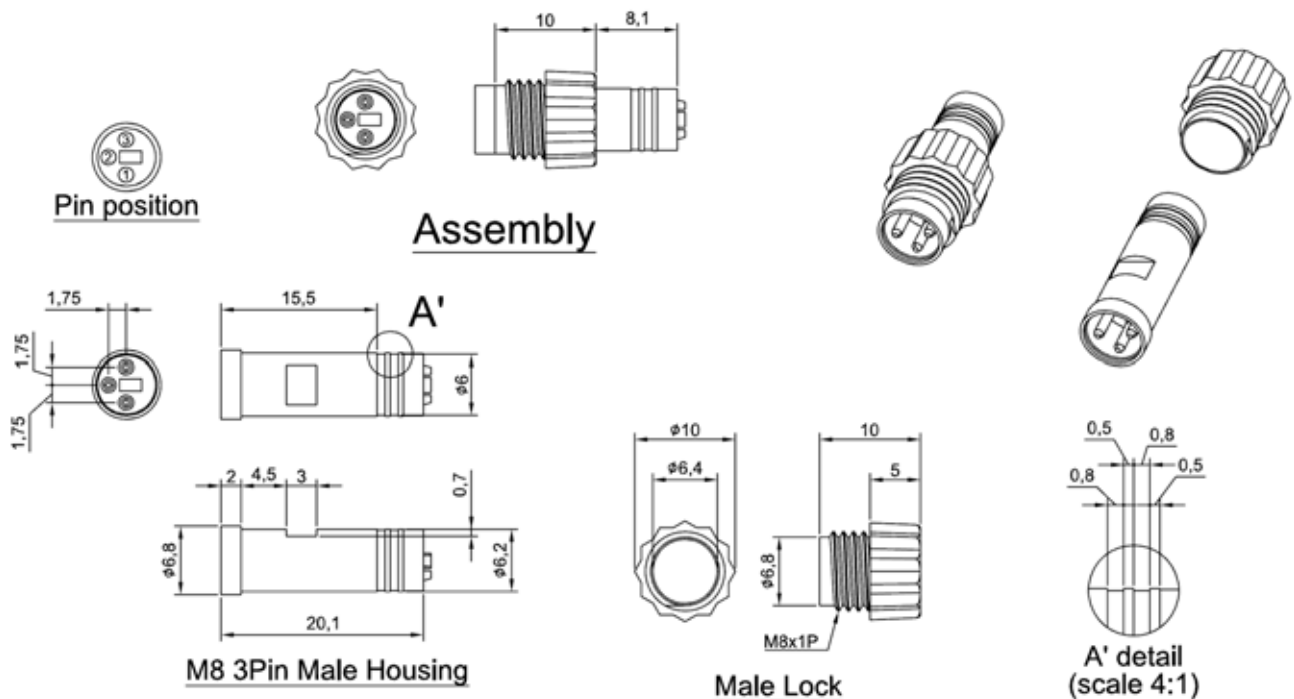
PA Lock: PA66+25%GF, Black

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ M - $\frac{0}{3}$ $\frac{3}{4}$ A P

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"AP" CABLE ASSEMBLY TYPE

WATERPROOF M8 4 PIN MALE CONNECTOR ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

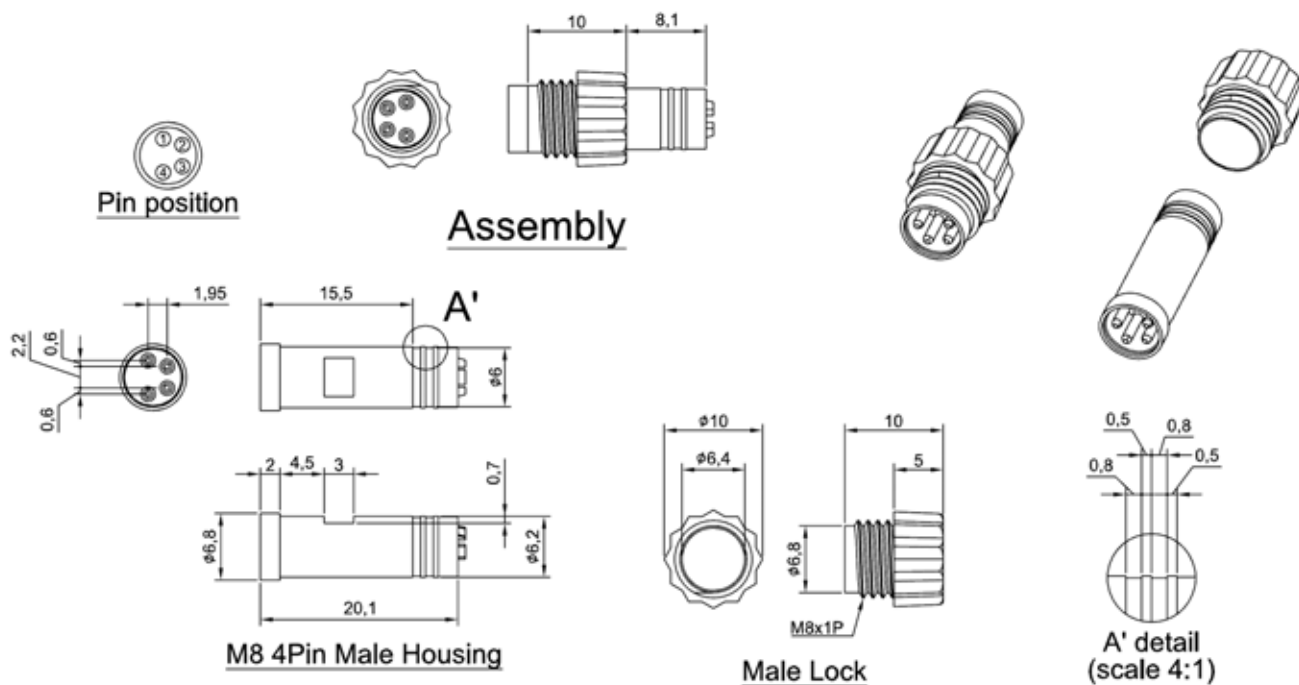
PA Lock: PA66+25%GF, Black

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ M - $\frac{0}{3}$ $\frac{4}{4}$ A P

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"AP" CABLE ASSEMBLY TYPE

WATERPROOF M8 3 PIN MALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

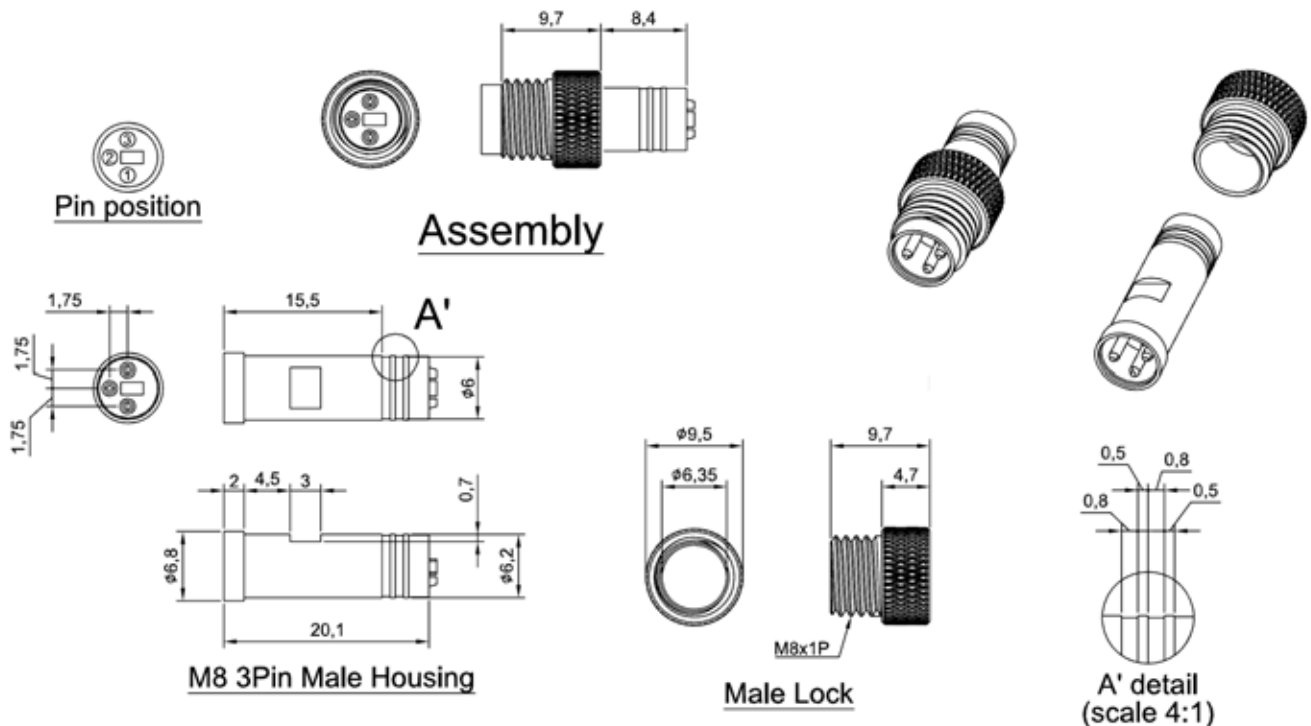
Brass Lock: Brass, Nickel plated

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ $\frac{M}{3}$ - $\frac{0}{3}$ $\frac{A}{4}$ M

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"AM" CABLE ASSEMBLY TYPE

WATERPROOF M8 4 PIN MALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

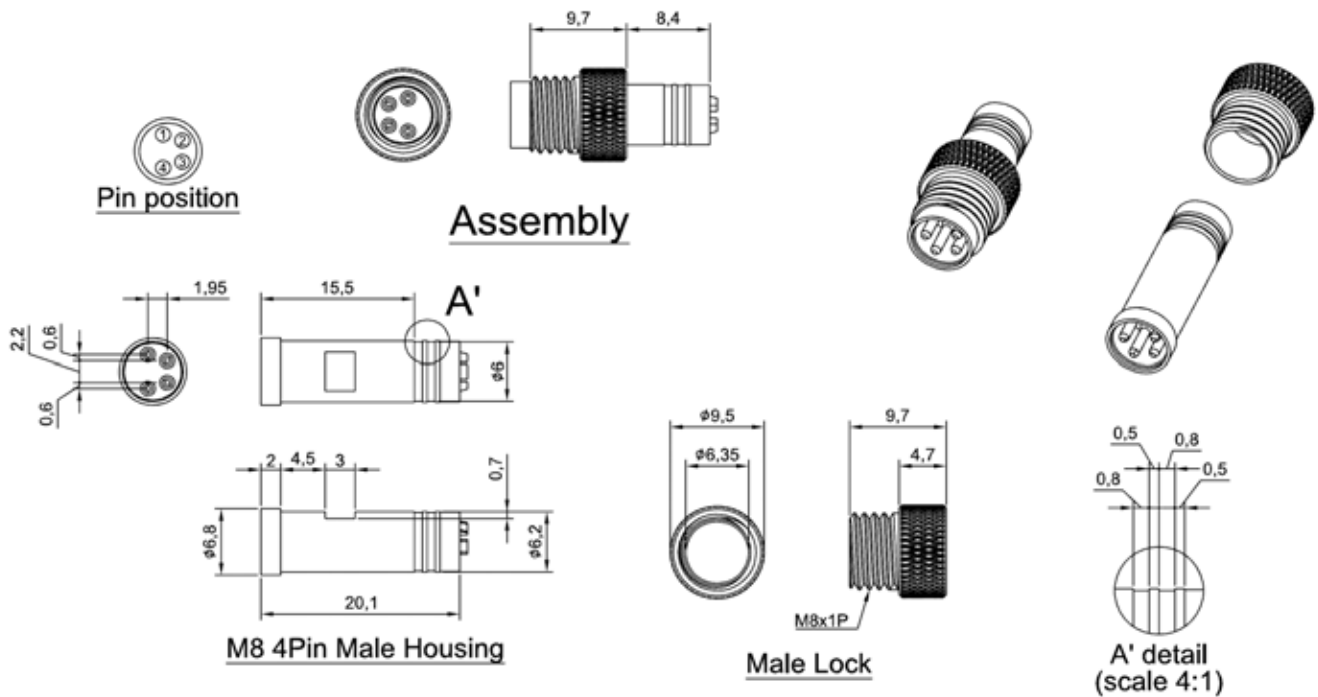
Brass Lock: Brass, Nickel plated

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0.8}{1} \frac{M}{2} - \frac{0.4}{3} \frac{A M}{4}$

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"AM" CABLE ASSEMBLY TYPE

WATERPROOF M8 2P+3P+4P MALE CONNECTOR CABLE SOLDER TYPE



SPECIFICATIONS

Rated Current: 5A

Operation Temperature: -40°C to 85°C

Voltage: 125V

Waterproof Test: IPX7

*** RoHS & REACH compliant.**

MATERIALS

Housing: PBT, UL 94V-0

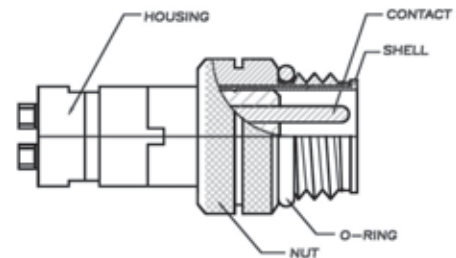
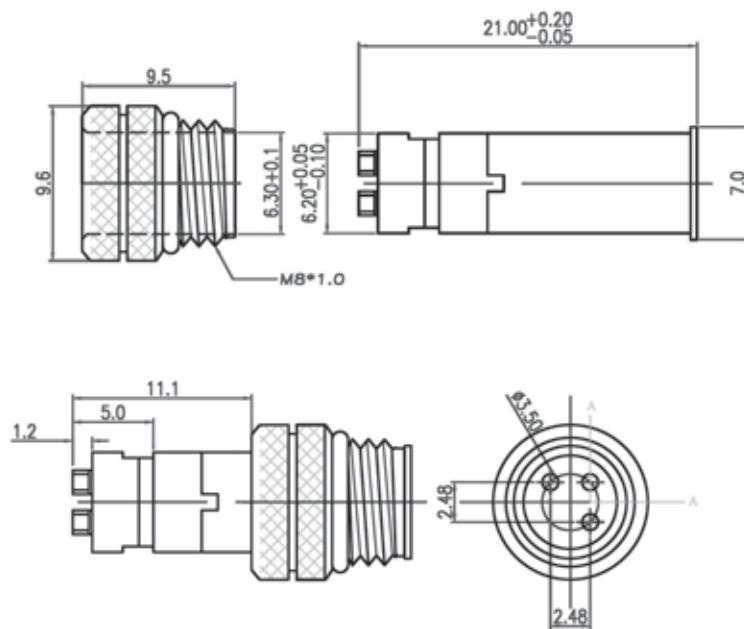
Contact: Copper Alloy; 10 microinches min. Gold Plating over Nickel

Shell: Copper Alloy; Nickel plated 60u" ~ 100u" over all

Nut: Copper Alloy; Nickel plated 60u" ~ 100u" over all

O-Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{SA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02, 03, 04
4. APPLICABLE TYPE:
"SA" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M8 3P MALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

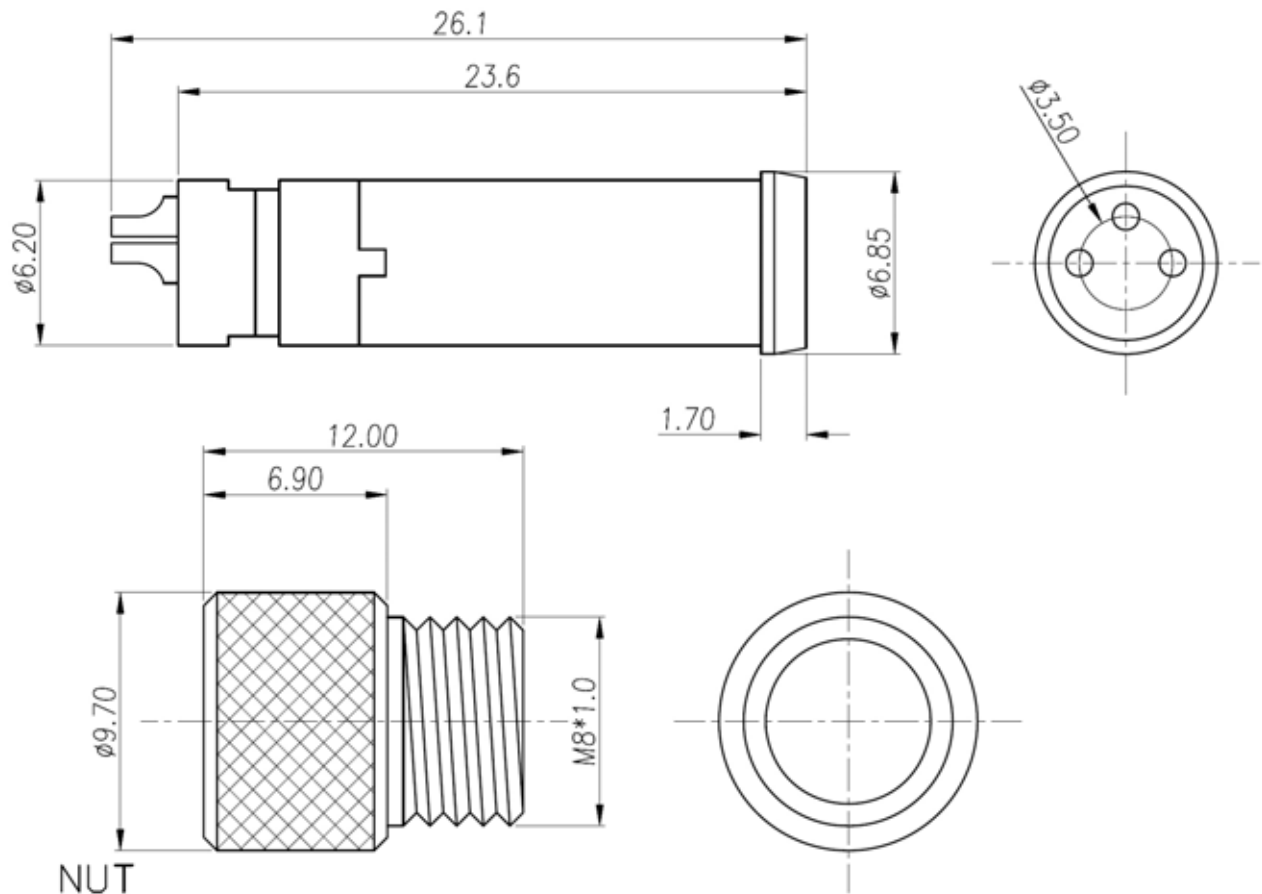
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 M - 03 SD
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"SD" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M8 4P MALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Copper Alloy; Gold Plating Over Nickel

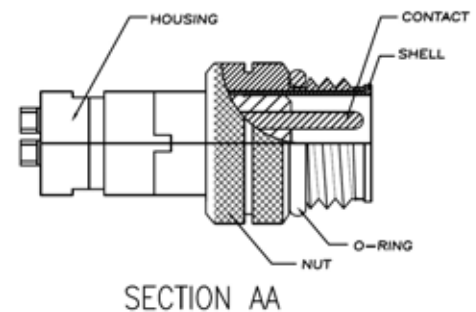
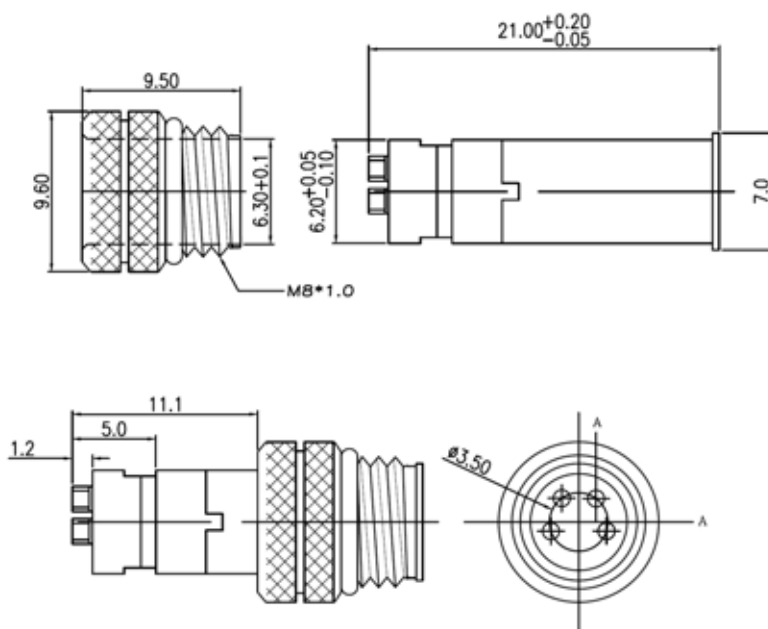
Shell: Copper Alloy; Nickel or Bright Tin Plated

Nut: Copper Alloy; Nickel or Black Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



WPC08M04SA1	Nickel Plated	Black Nickel Plated
WPC08M04SA2	Bright Tin Plated	Nickel Plated
WPC08M04SA3	Nickel Plated	Nickel Plated
P/N	SHELL PLATING	NUT PLATING

ORDERING INFORMATION:

P/N W P C 08 M - 04 S A x
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:

"08" SCREW M8*1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

04

4. SHELL & NUT PLATING:

"SA1" NICKEL PLATED SHELL & BLACK NICKEL PLATED NUT

"SA2" BRIGHT TIN PLATED SHELL & NICKEL PLATED NUT

"SA3" NICKEL PLATED SHELL & NICKEL PLATED NUT

WATERPROOF M8 5P MALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

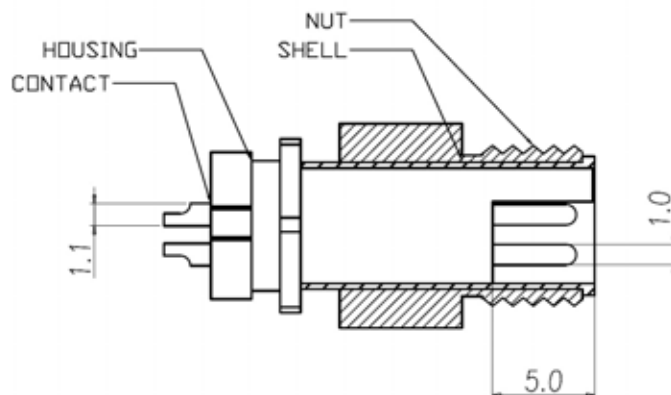
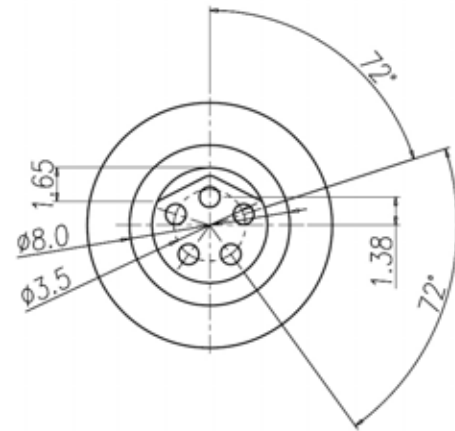
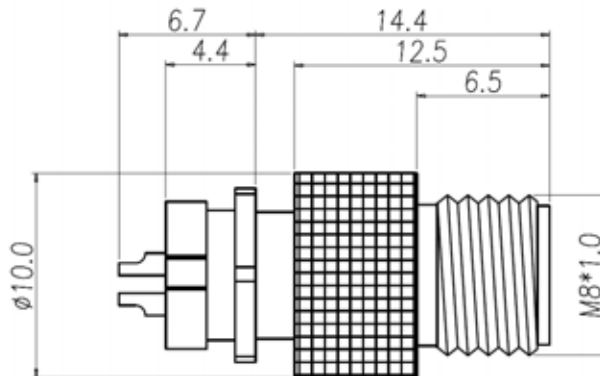
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{5}{3}$ $\frac{S}{4}$ $\frac{B}{4}$

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"SB" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M8 5P+6P MALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

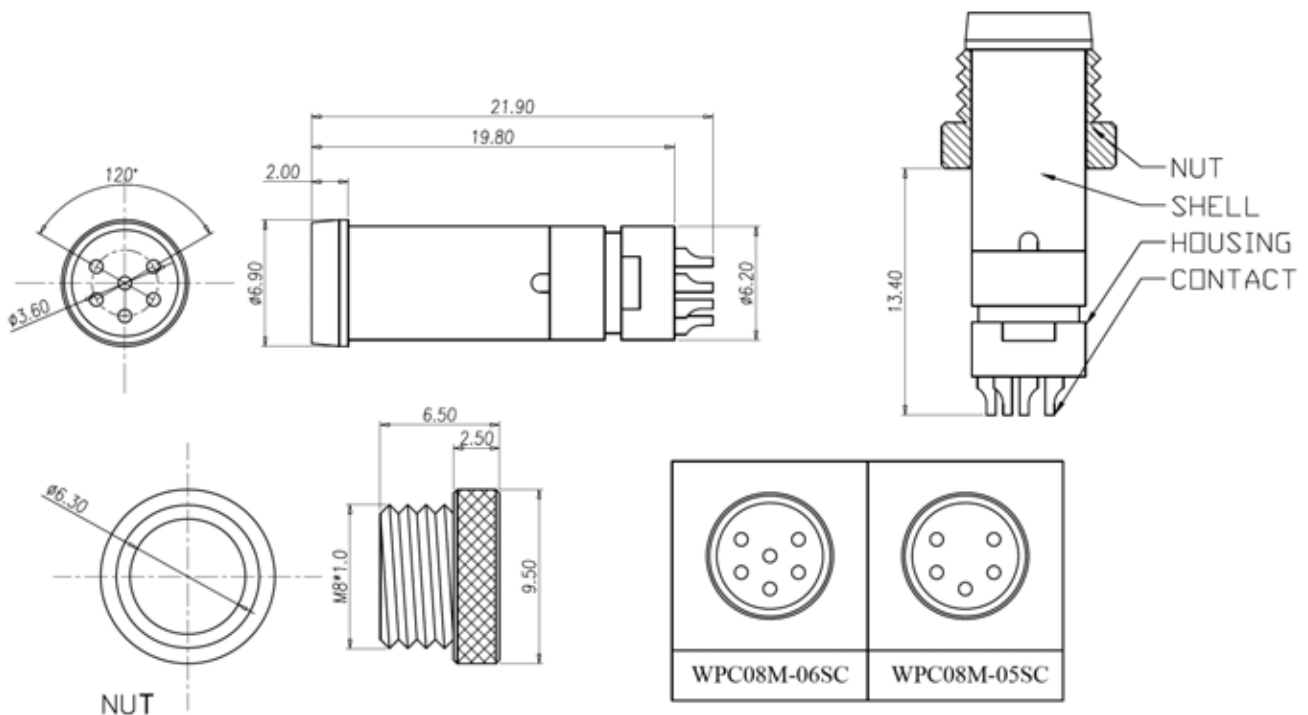
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 0 8 M - x x S C
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05, 06
4. APPLICABLE TYPE:
"SC" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M8 3P MALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

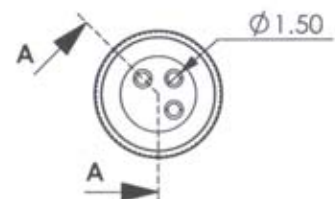
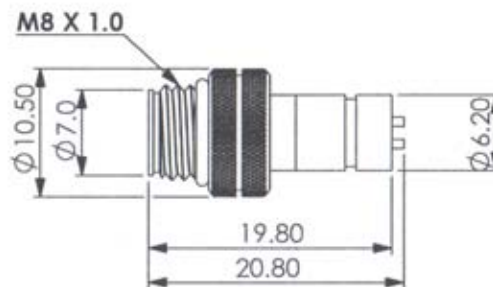
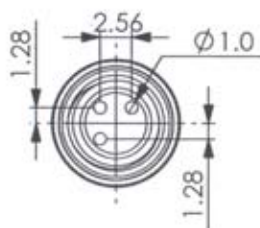
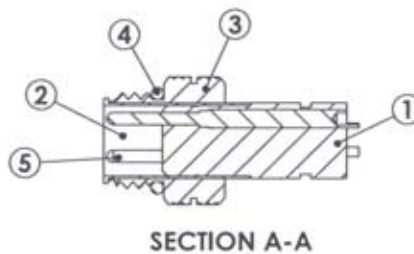
Shield Cover: Brass, Nickel Plated

Screw Cap: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ $\frac{M}{3}$ - $\frac{0}{3}$ $\frac{M}{4}$ $\frac{D}{4}$

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M8 4P MALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

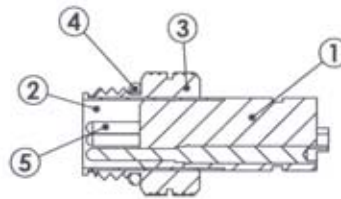
Shield Cover: Brass, Nickel Plated

Screw Cap: Brass, Nickel Plated

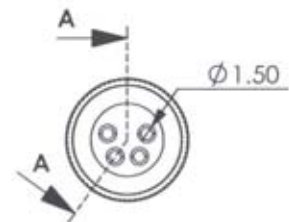
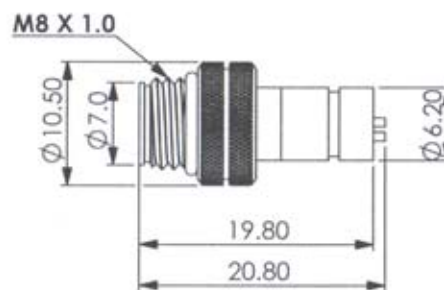
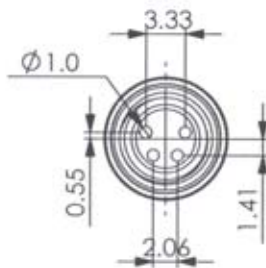
Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



SECTION A-A



ORDERING INFORMATION:

P/N W P C $\frac{0.8}{1}$ $\frac{M}{2}$ - $\frac{0.4}{3}$ $\frac{MD}{4}$

1. CONNECTOR LOCKING SYSTEM:

"08" SCREW M8*1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"MD" CABLE MOLDING TYPE

WATERPROOF M8 2P+3P+4P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

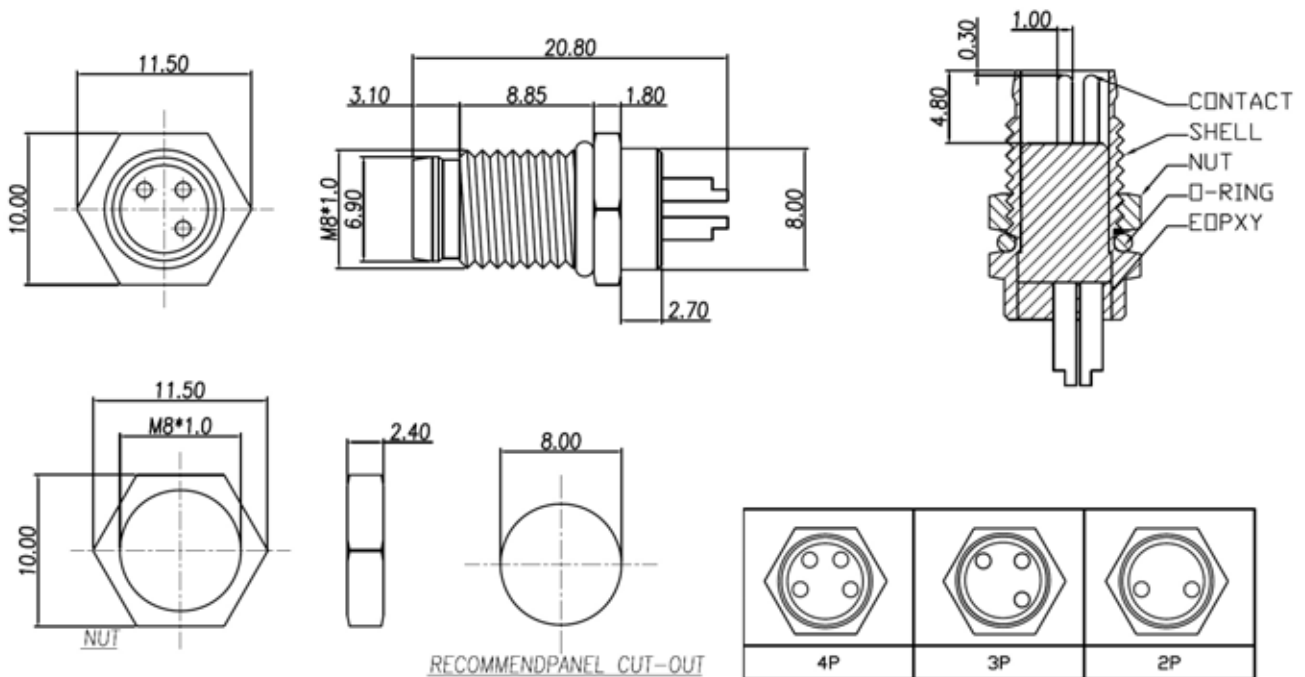
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ M - $\frac{x}{3}$ $\frac{x}{4}$ P B

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02, 03, 04
4. APPLICABLE TYPE:
"PB" PANEL MOUNT SOLDER TYPE

WATERPROOF M8 4P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

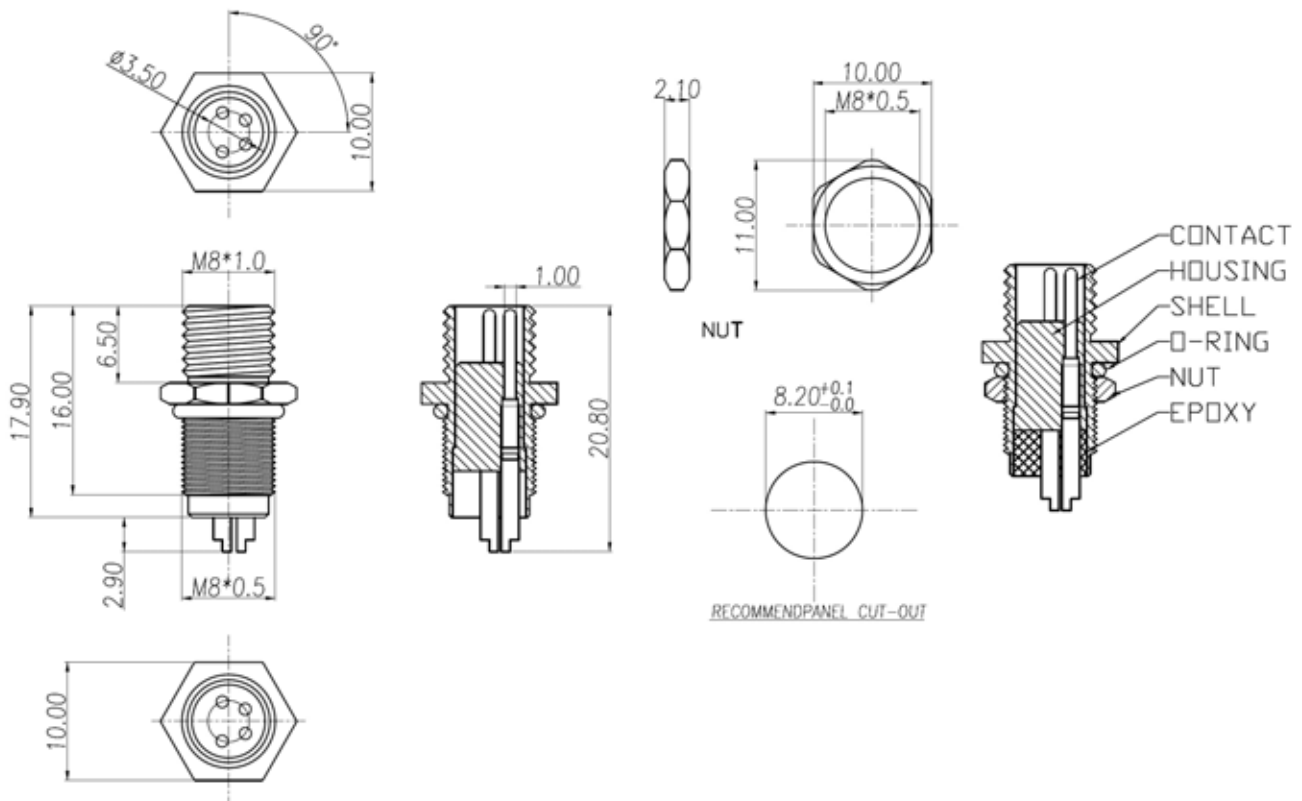
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ M - $\frac{0}{3}$ $\frac{4}{4}$ P C

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PC" PANEL MOUNT SOLDER TYPE

WATERPROOF M8 2P+3P+4P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



SPECIFICATIONS

Rated Current: 5A

Operation Temperature: -20°C to 85°C

Voltage: 125V

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; 10 microinches min. Gold plated under Nickel

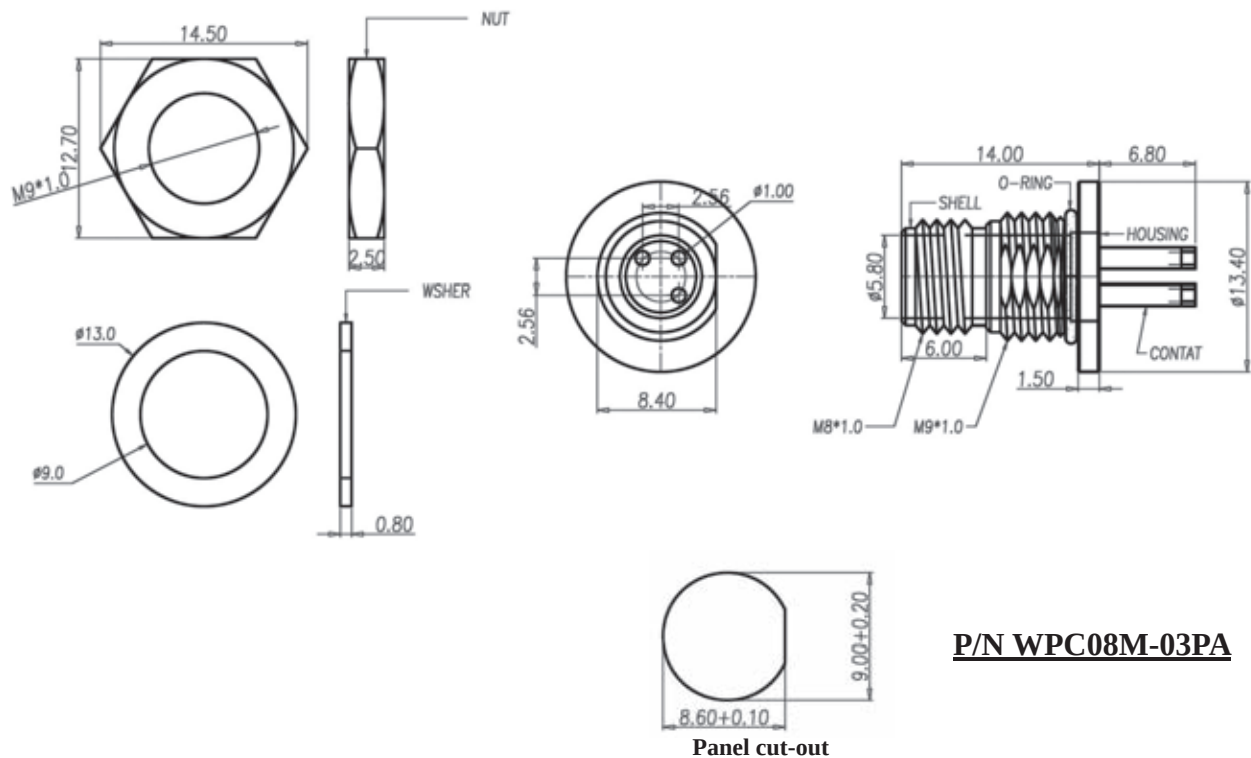
Shell: Brass; Nickel plated 60u" ~ 100u" over all

Washer: Brass; Nickel plated 60u" ~ 100u" over all

Nut: Brass; Nickel plated 60u" ~ 100u" over all

O-Ring: EPDM

Unit: mm



P/N WPC08M-03PA

ORDERING INFORMATION:

P/N W P C $\frac{08}{1}$ $\frac{M}{2}$ - $\frac{03}{3}$ $\frac{PA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02, 03, 04
4. APPLICABLE TYPE:
"PA" PANEL MOUNT SOLDER TYPE

WATERPROOF M8 4P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

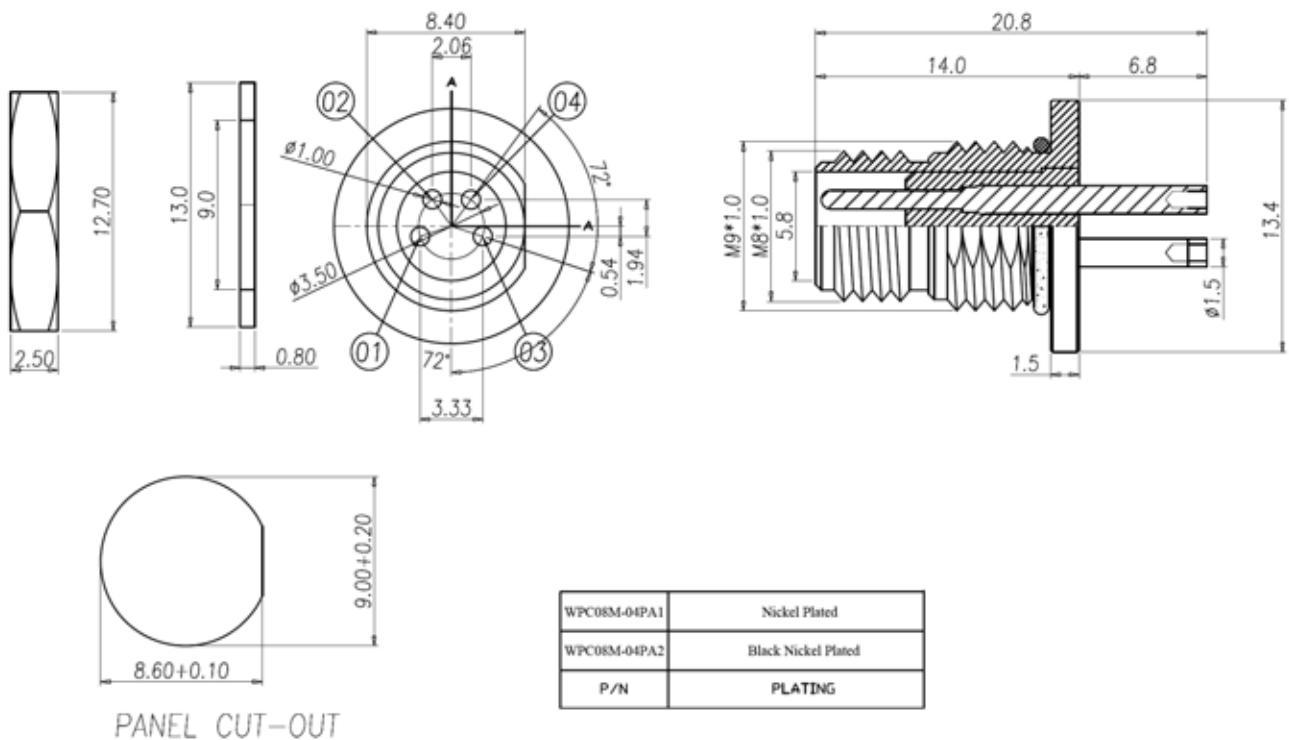
Shell: Brass; Nickel or Black Nickel Plated

Nut: Brass; Nickel or Black Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ M - $\frac{0}{3}$ $\frac{4}{4}$ P A x

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. SHELL Plating:
"PA1" NICKEL PLATED
"PA2" BLACK NICKEL PLATED

WATERPROOF M8 3P MALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 3A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

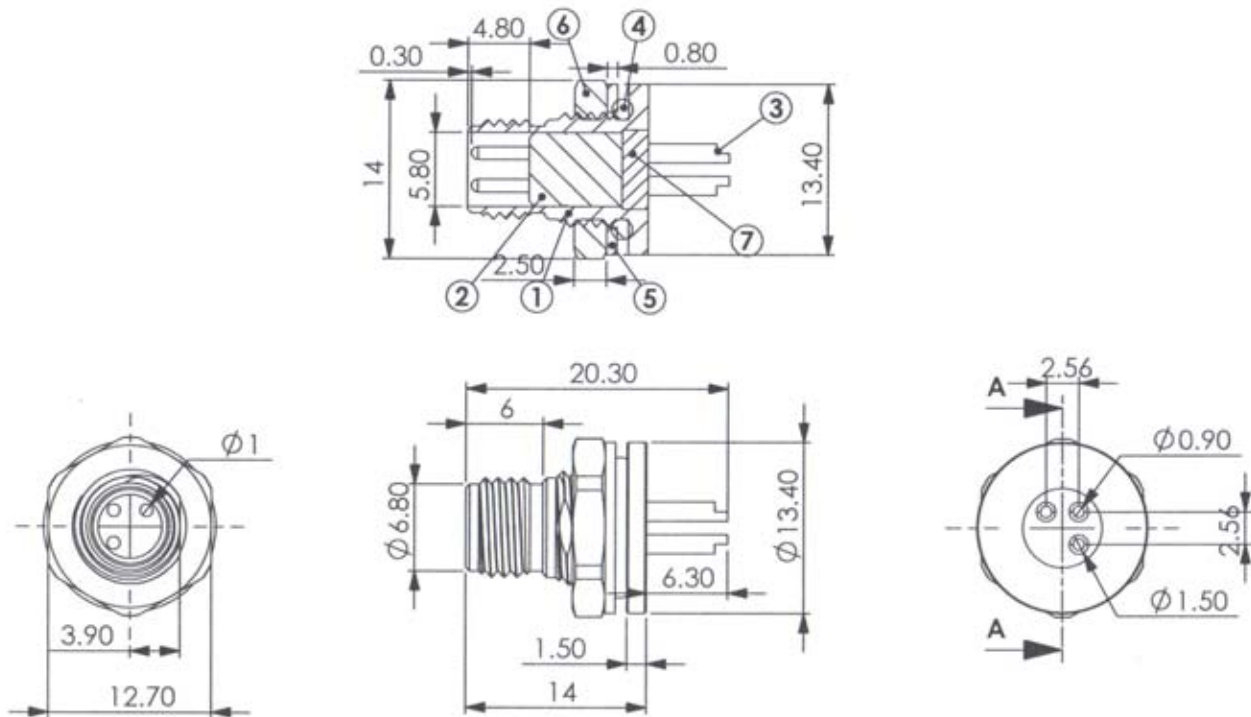
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Washer: Brass, Nickel Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C 08 M - 03 PF
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"PF" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M8 4P MALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 3A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

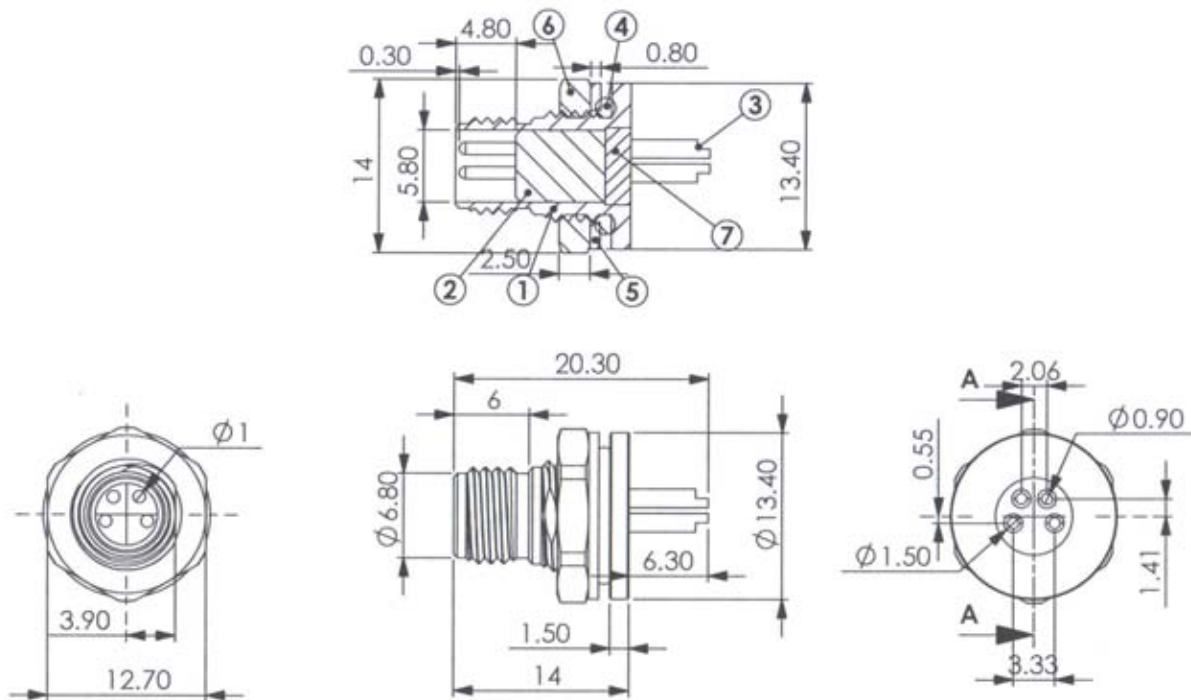
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Washer: Brass, Nickel Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{08}{1}$ $\frac{M}{2}$ - $\frac{04}{3}$ $\frac{PD}{4}$

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PD" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M8 4P MALE CONNECTOR PCB MOUNT TYPE WITH M8*0.5 NUT



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

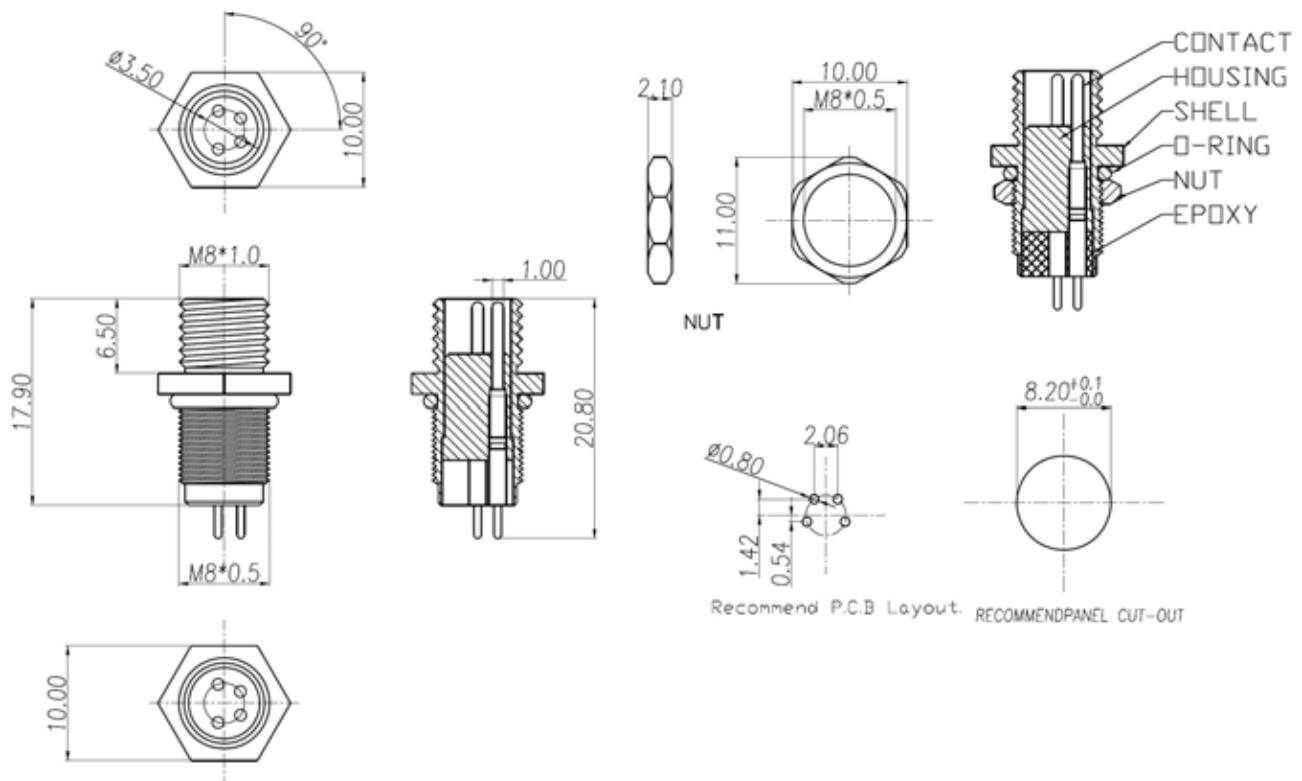
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ M - $\frac{0}{3}$ $\frac{4}{4}$ D A

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"DA" STRAIGHT DIP TYPE

WATERPROOF M8 4P MALE CONNECTOR PCB MOUNT TYPE WITH M8*1.0 NUT



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

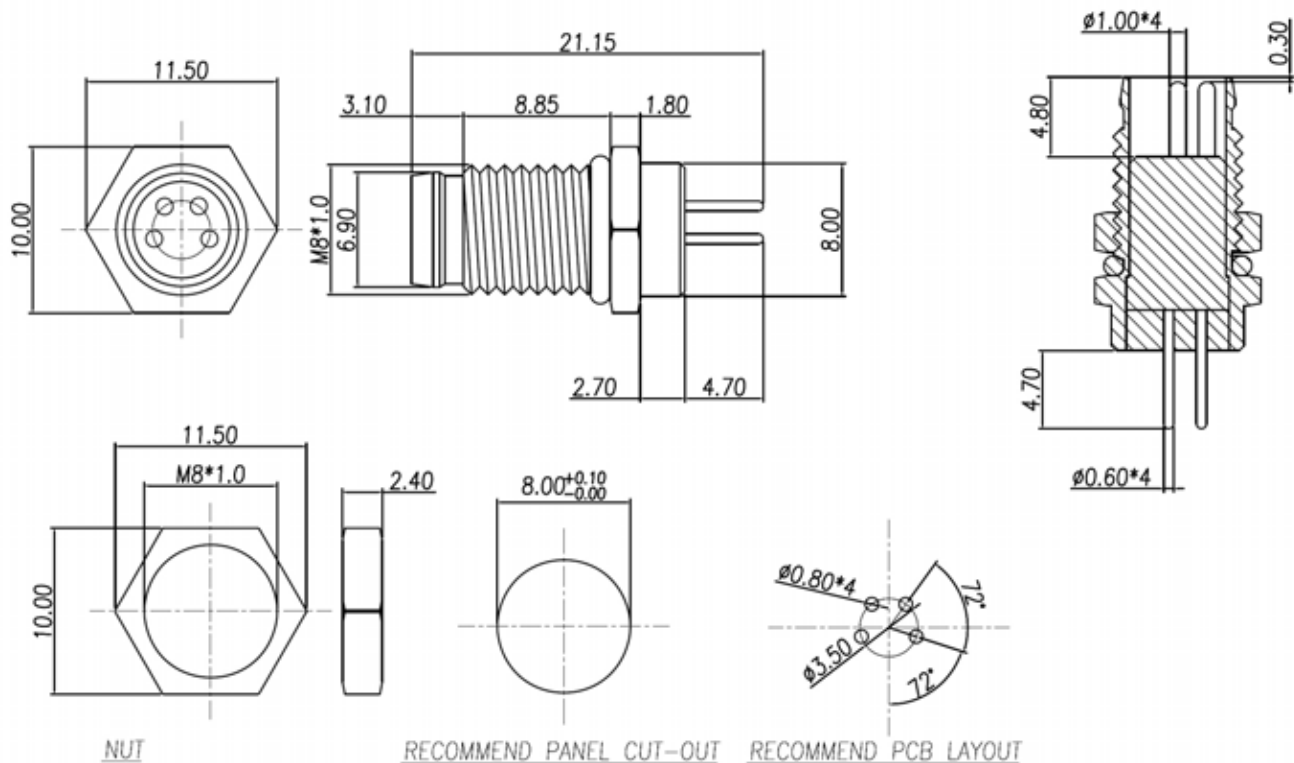
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{8}{2}$ M - $\frac{0}{3}$ $\frac{4}{4}$ D B

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"DB" STRAIGHT DIP TYPE

WATERPROOF M9 5P FEMALE CONNECTOR CABLE SOLDER TYPE



SPECIFICATIONS

Rated Current: 5A

Operation Temperature: -40°C to 85°C

Voltage: 125V

Waterproof Test: IPX7

*** RoHS & REACH compliant.**

MATERIALS

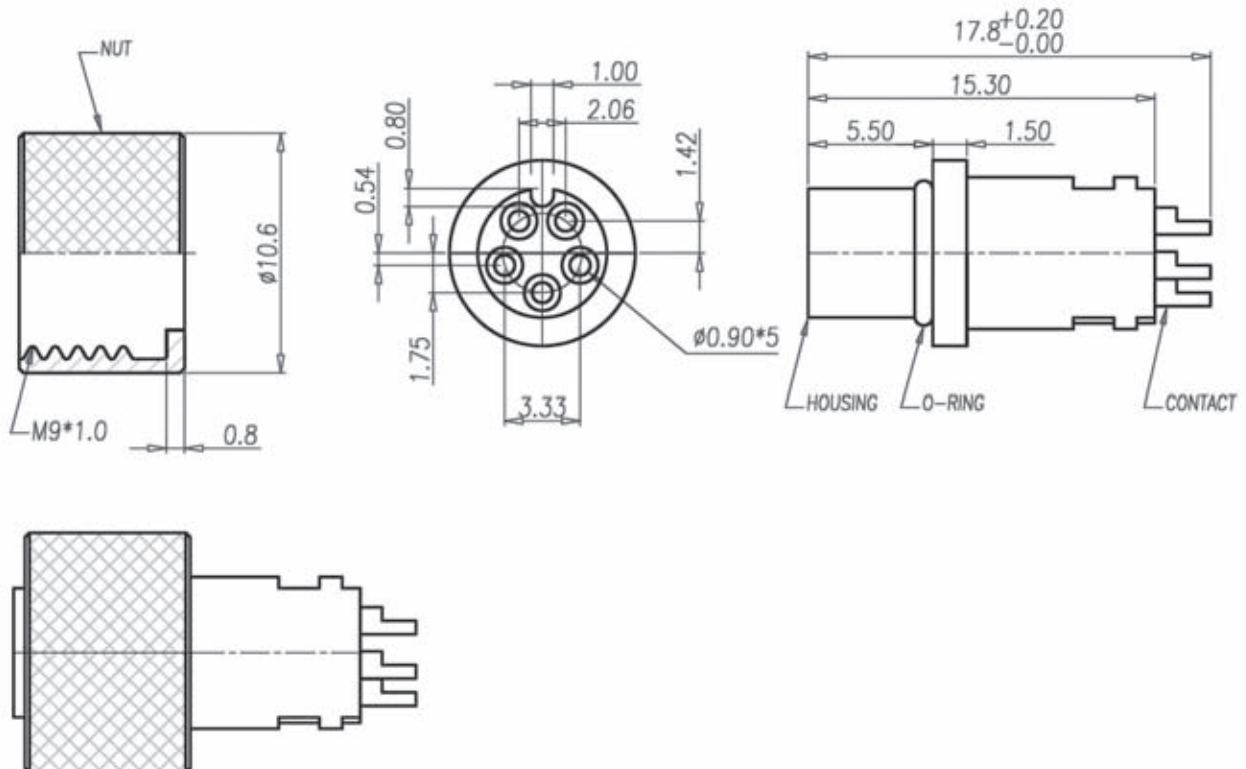
Housing: PBT, UL 94V-0

Contact: Brass; 10 microinches min. Gold Plated under Nickel

Nut: Brass; Nickel plated 60u" ~ 100u" over all

O-Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C 09 F - 05 S A
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"09" SCREW M9*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"SA" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M9 6P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

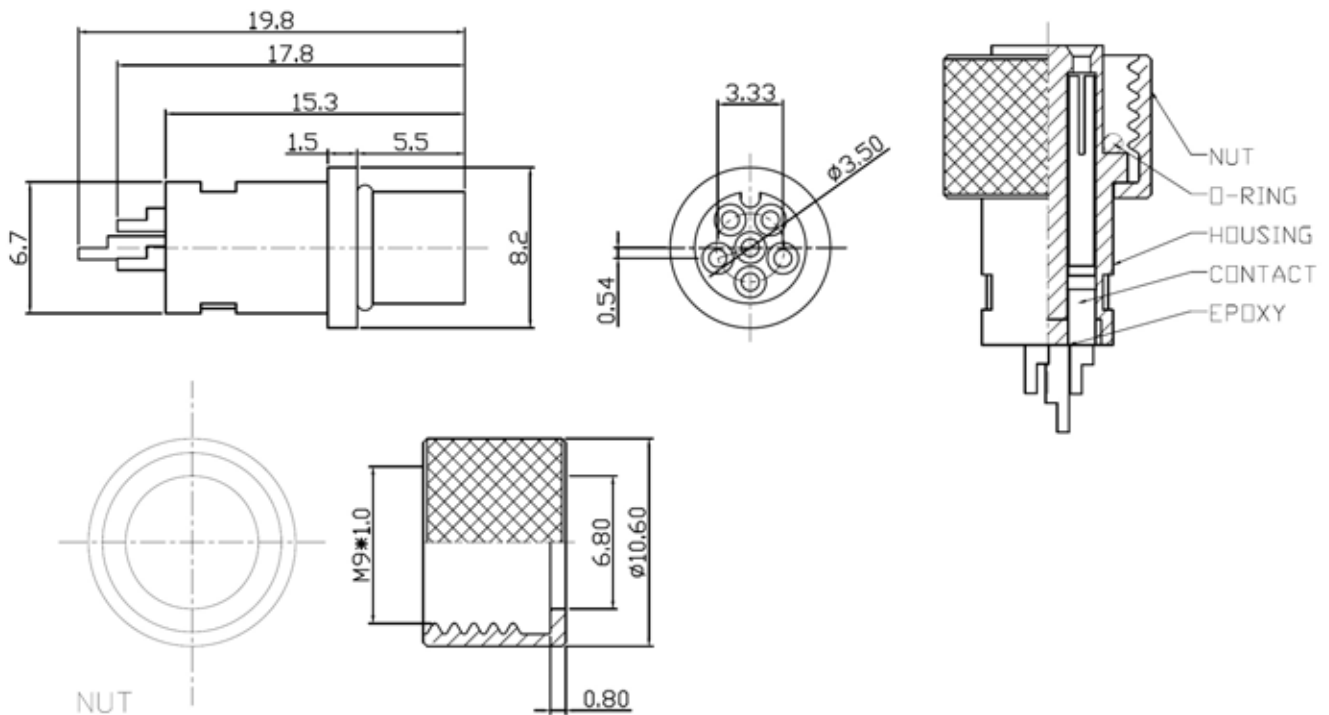
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 09 F - 06 SA
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"09" SCREW M9*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"SA" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M9 5P+6P FEMALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

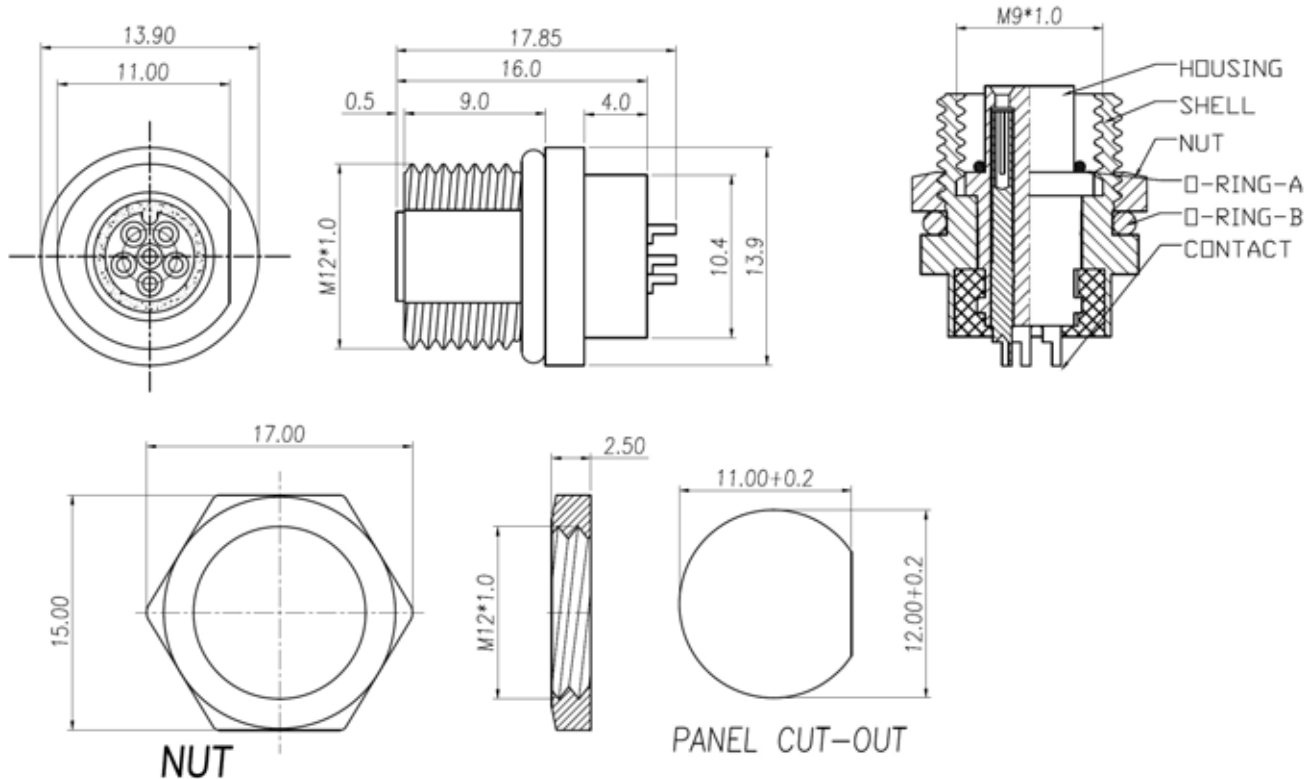
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{09}{1}$ F - $\frac{x}{2}$ $\frac{x}{3}$ PA $\frac{4}{4}$

1. CONNECTOR LOCKING SYSTEM:
"09" SCREW M9*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05, 06
4. APPLICABLE TYPE:
"PA" PANEL MOUNT SOLDER TYPE

WATERPROOF M9 6P FEMALE CONNECTOR PANEL REAR MOUNT TYPE



SPECIFICATION:

1. Electrical Specification:

Rated Current: 5A

Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Shell: Brass

O-Ring: NBR

Nut: Brass

2.Finish:

Contact;

a.Contact Area: 10 Micro Inches Min. Gold Plated

b.Solder Area: Tin

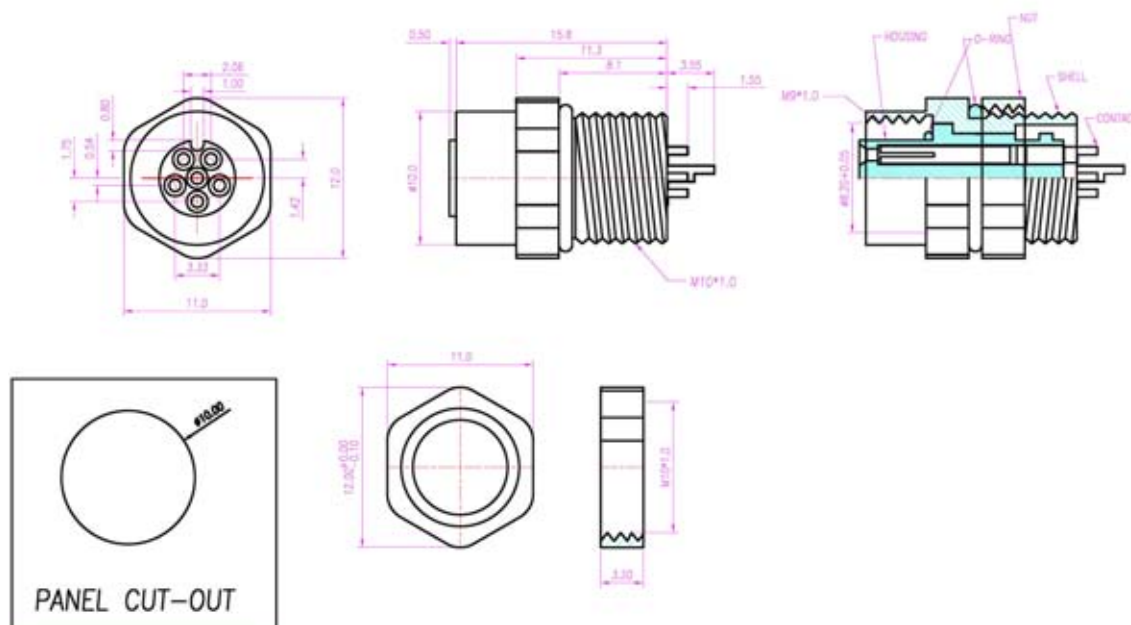
c.Under Plate: Nickel

Shell: Nickel Plated

Nut: Nickel Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{0.9}{1} \frac{F}{2} - \frac{0.6}{3} \frac{P}{4} B$

1. CONNECTOR LOCKING SYSTEM:
"09" SCREW M9* 1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"PB" PANEL REAR MOUNT TYPE

WATERPROOF M9 5P FEMALE CONNECTOR FRONT PANEL MOUNT SOLDER TYPE

SPECIFICATION

Rated Current: 5A

Voltage: 125V

Water proof: IPX7

Operating Temperature: -20°C ~ 85°C

*** RoHS & REACH compliant.**

MATERIALS

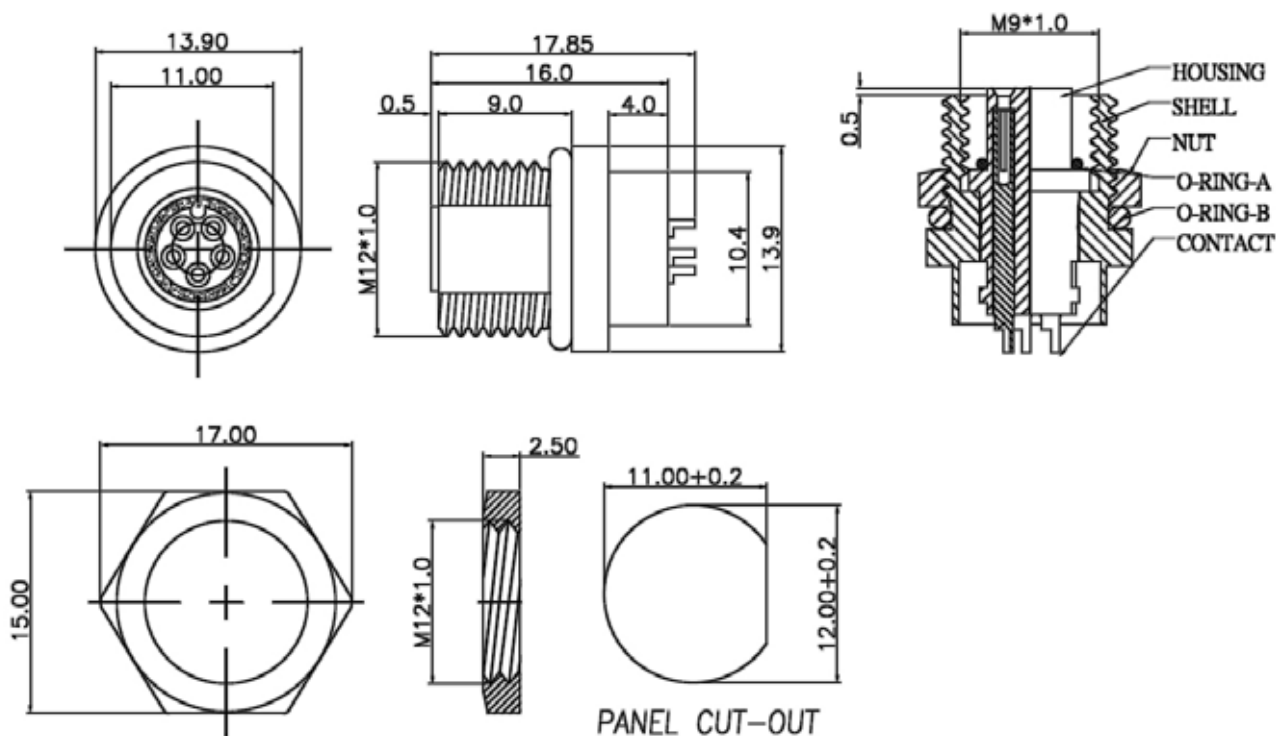
Housing: PBT, UL 94V-0, Black

Contact: Brass; 10 microinches min. Gold Plated under Nickel

Nut: Brass; Nickel plated 60u" ~ 100u" over all

O-Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C 09 F - 05 P A
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:

"09" SCREW M9*1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

05

4. APPLICABLE TYPE:

"PA" FRONT PANEL MOUNT SOLDER TYPE

WATERPROOF M9 6P FEMALE CONNECTOR FRONT PANEL MOUNT SOLDER TYPE

SPECIFICATION

Current: 5A

Dielectric Strength: 5000V AC Min.

Insulation Resistance: 1000 Megaohms Min.

Operating Temperature: -20°C ~ 105°C

* RoHS & REACH compliant.

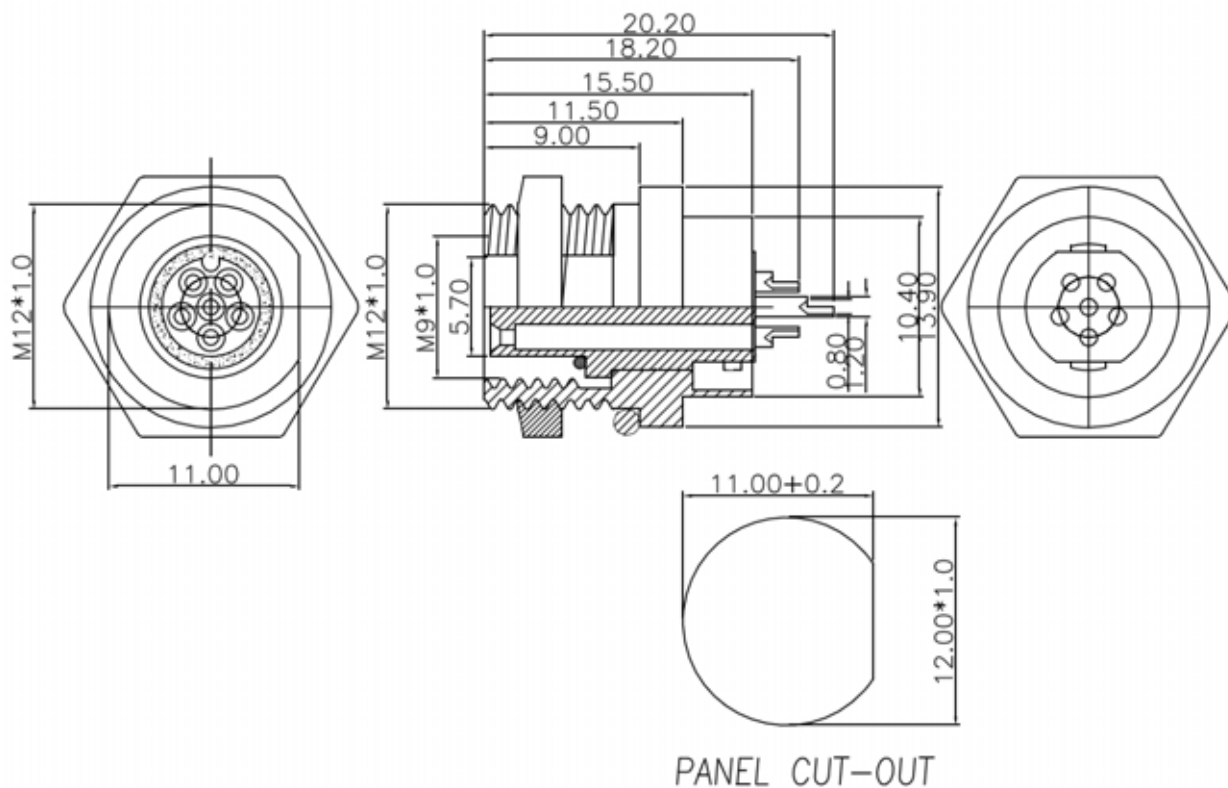
MATERIALS

Insulation: Thermoplastic, UL 94V-0, Black

Contact: Brass; Gold 10u"

Shell: Brass; Nickel 60u"

Unit: mm



ORDERING INFORMATION:

P/N W P C 09 F - 06 P C
 1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"09" SCREW M9*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"PC" FRONT PANEL MOUNT SOLDER TYPE

WATERPROOF M9 5P MALE CONNECTOR CABLE SOLDER TYPE



SPECIFICATIONS

Rated Current: 5A

Operation Temperature: -40°C to 85°C

Voltage: 125V

Waterproof Test: IPX7

* RoHS & REACH compliant.

MATERIALS

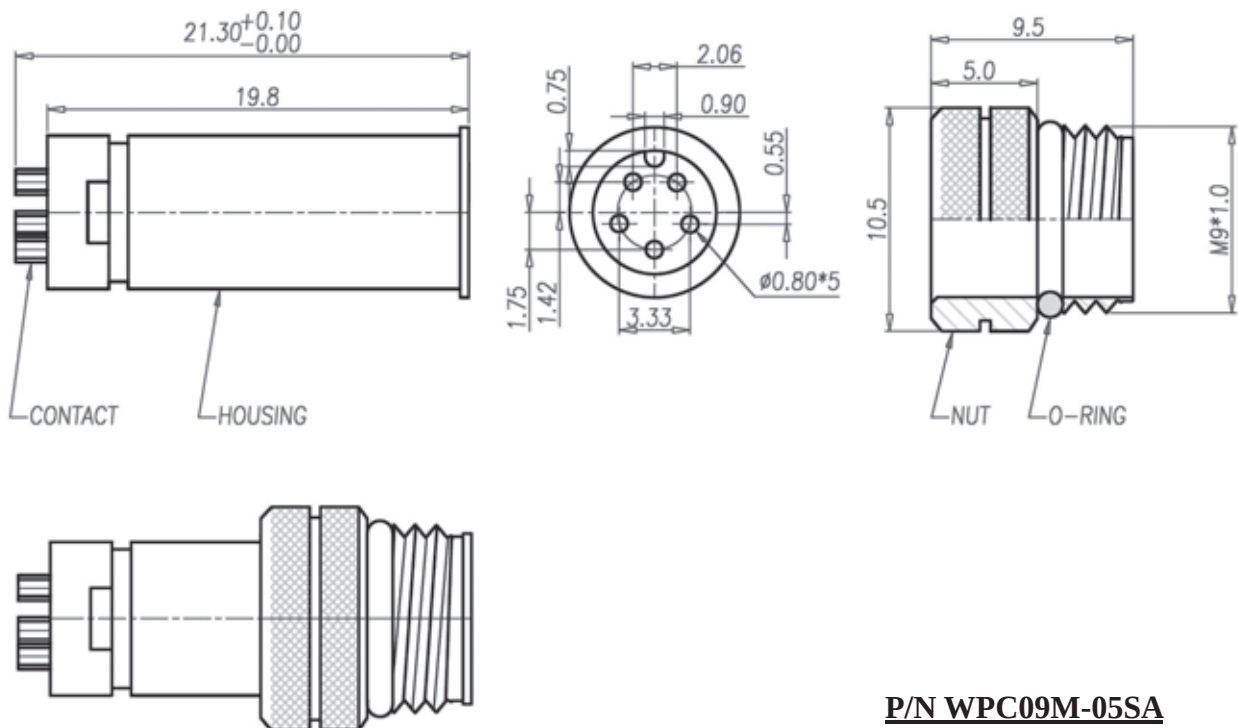
Housing: PBT, UL 94V-0

Contact: Brass; 10 microinches min. Gold plated under Nickel

Nut: Brass; Nickel plated 60u" ~ 100u" over all

O-Ring: NBR

Unit: mm



P/N WPC09M-05SA

ORDERING INFORMATION:

P/N W P C $\frac{0}{1}$ $\frac{9}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{5}{4}$ S A

1. CONNECTOR LOCKING SYSTEM:
"09" SCREW M9*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"SA" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M9 6P MALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

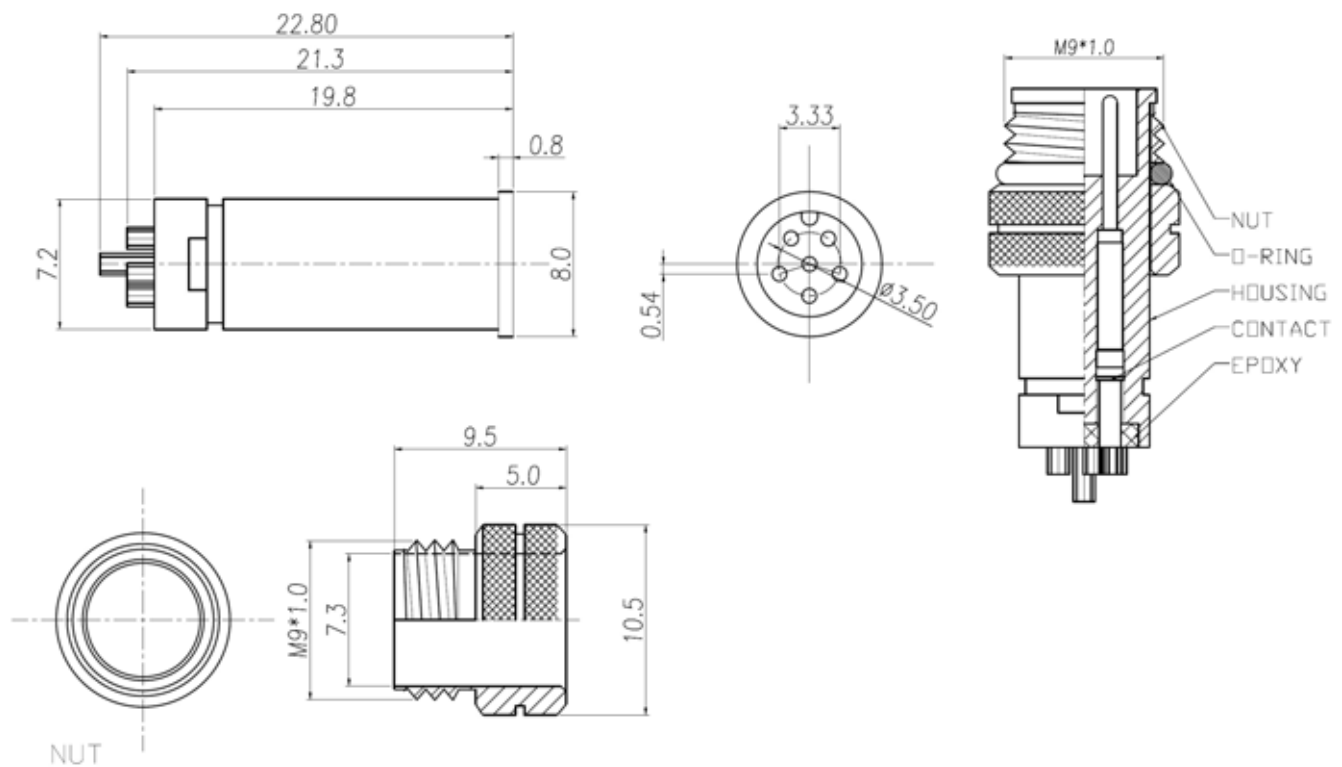
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{09}{1}$ $\frac{M}{2}$ - $\frac{06}{3}$ $\frac{SA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"09" SCREW M9*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"SA" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M9 6P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

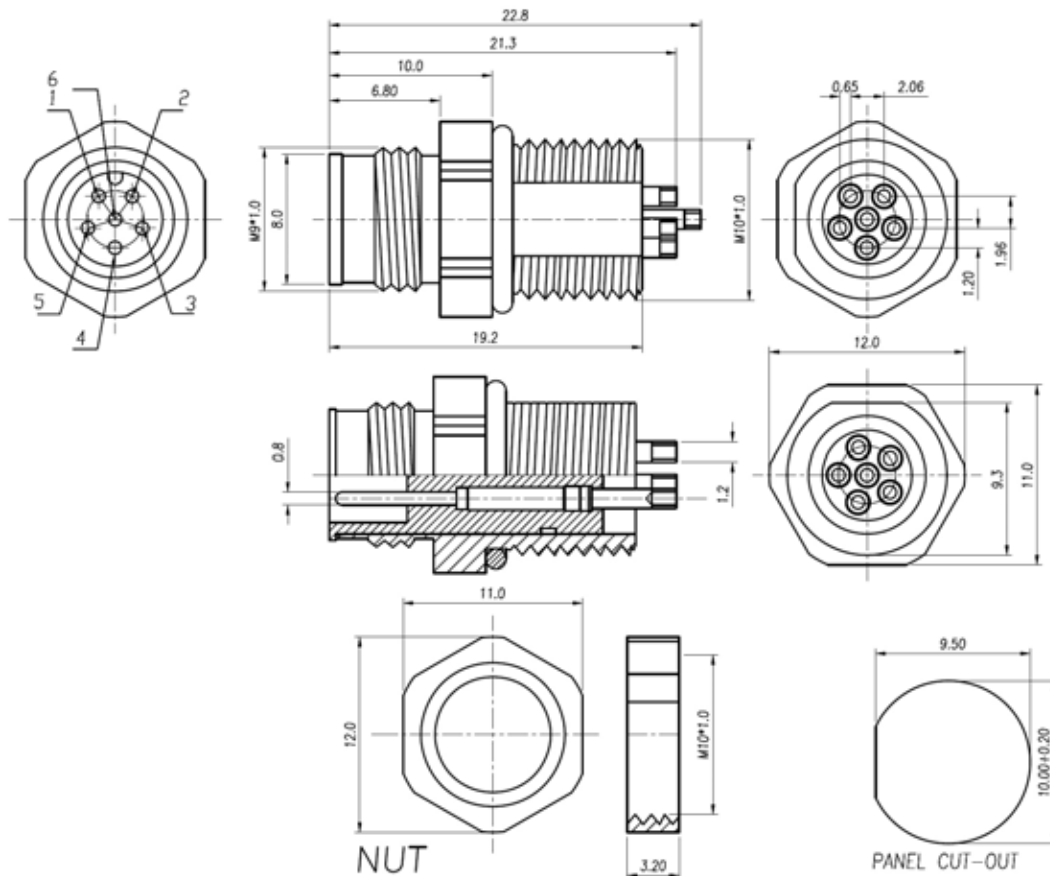
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{09}{1}$ $\frac{M}{2}$ - $\frac{06}{3}$ $\frac{PA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"09" SCREW M9*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"PA" PANEL MOUNT SOLDER TYPE

WATERPROOF M9 6P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

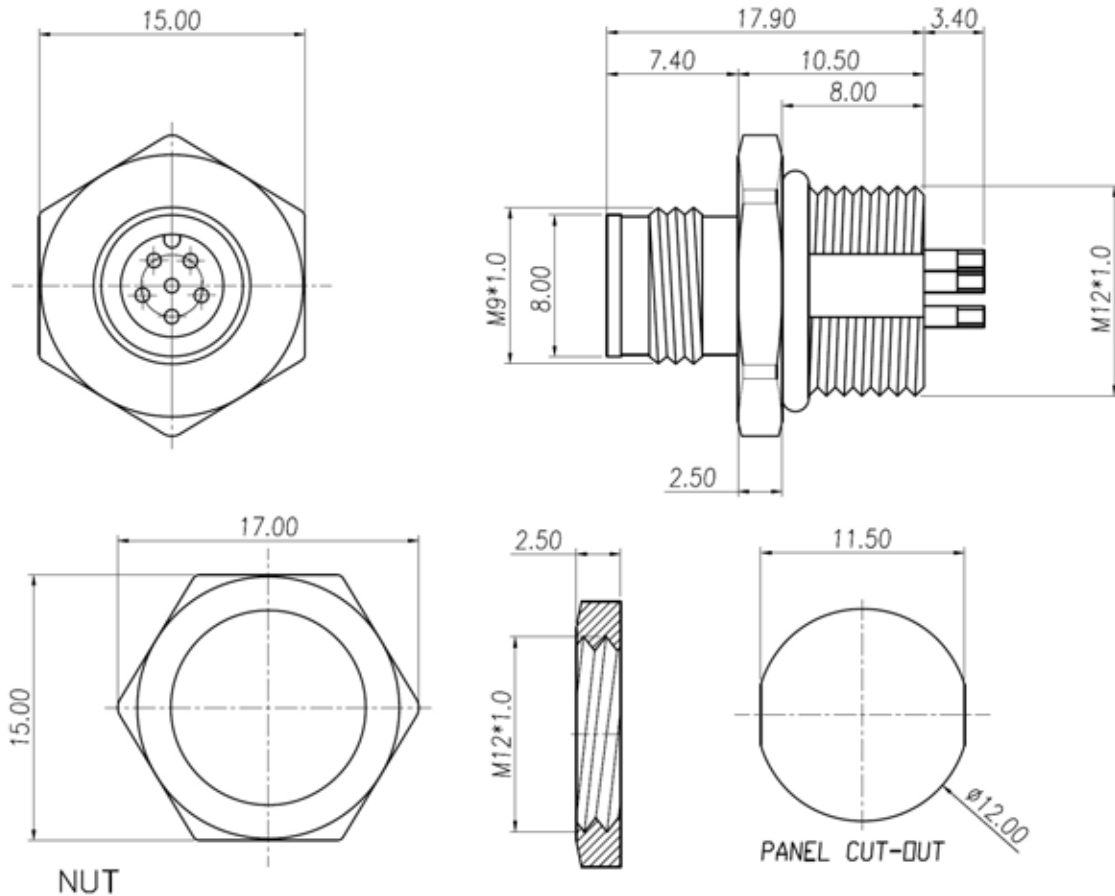
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{09}{1}$ $\frac{M}{2}$ - $\frac{06}{3}$ $\frac{PB}{4}$

1. CONNECTOR LOCKING SYSTEM:
"09" SCREW M9*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"PB" PANEL MOUNT SOLDER TYPE

WATERPROOF M9 6P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

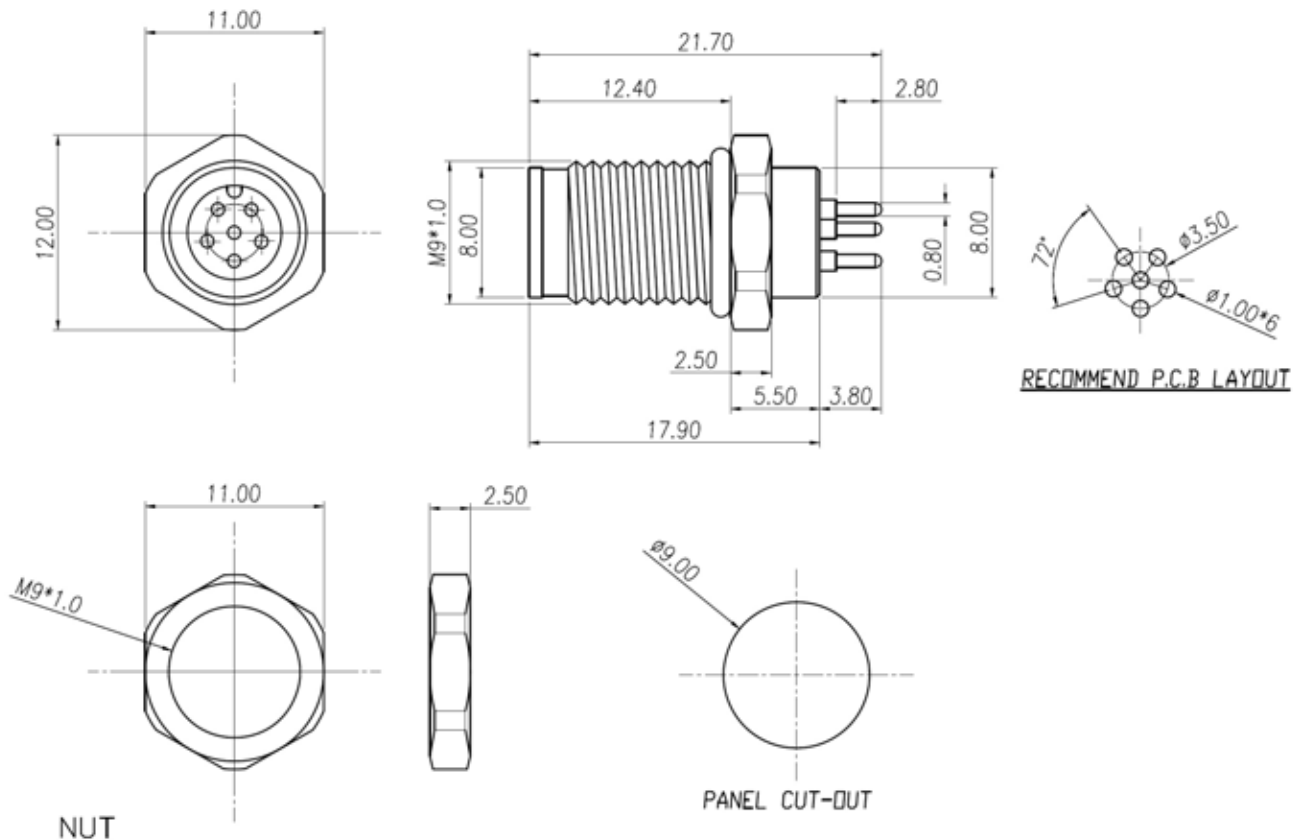
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{09}{1}$ $\frac{M}{2}$ - $\frac{06}{3}$ $\frac{DA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"09" SCREW M9*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"DA" STRAIGHT DIP TYPE

WATERPROOF M12 2P~5P FEMALE CONNECTOR ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

PA Lock: PA66+25%GF, Black

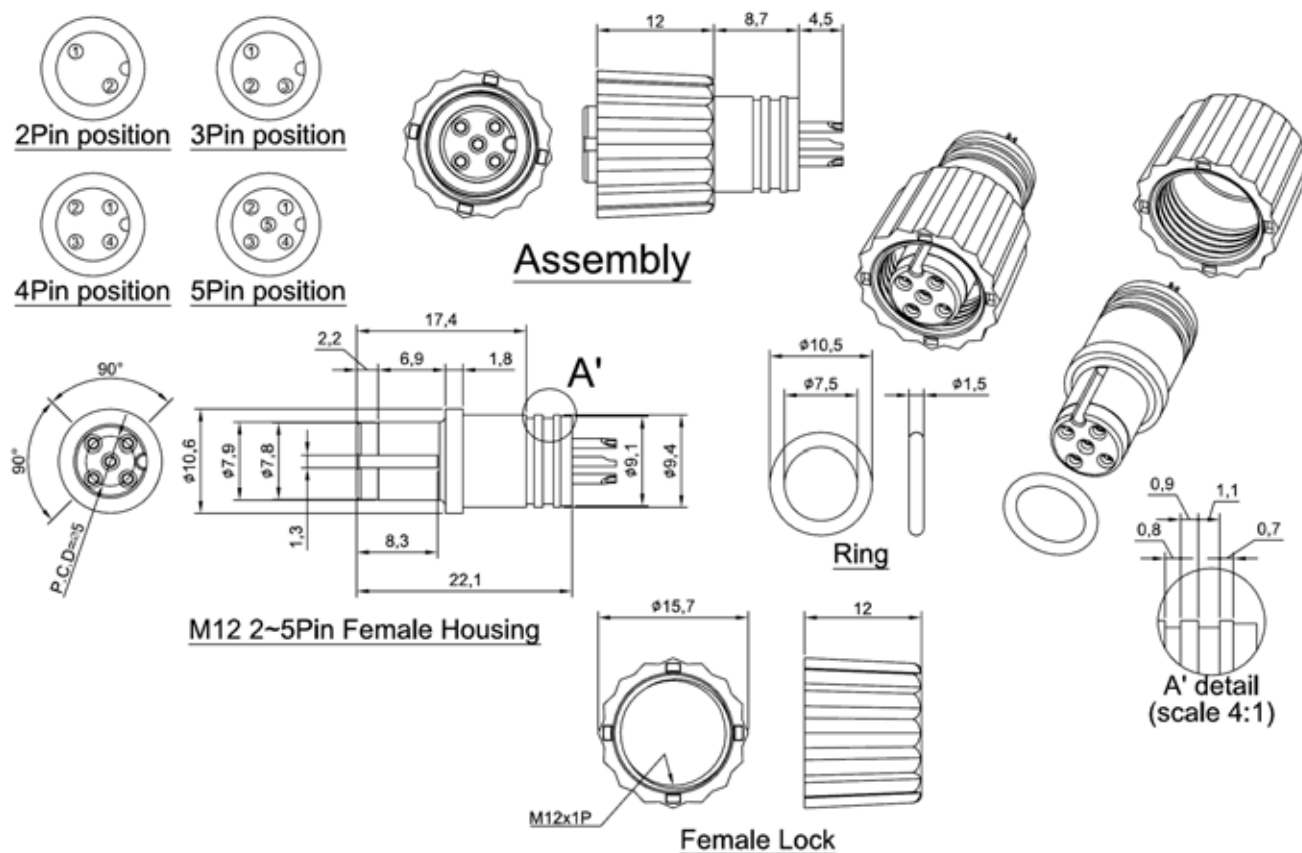
Ring: Sillica Gel, Orange

Current Rating: 3A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ $\frac{12}{2}$ F - $\frac{x}{3}$ $\frac{x}{4}$ A P

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
02, 03, 04, 05
4. APPLICABLE TYPE:
"AP" CABLE ASSEMBLY TYPE

WATERPROOF M12 6P~8P FEMALE CONNECTOR ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

PA Lock: PA66+25%GF, Black

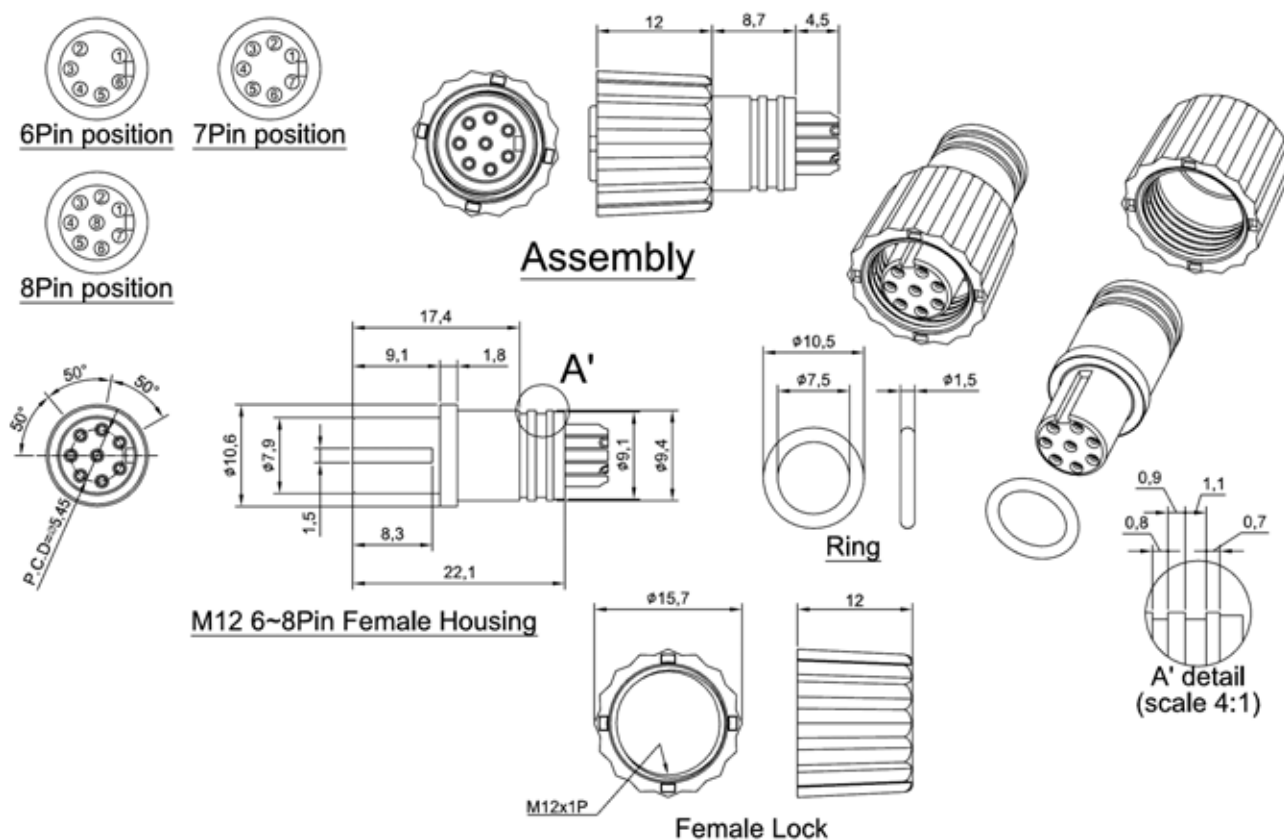
Ring: Sillica Gel, Orange

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{F}{3}$ - $\frac{x}{x}$ $\frac{A}{4}$ P

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
06, 07, 08
4. APPLICABLE TYPE:
"AP" CABLE ASSEMBLY TYPE

WATERPROOF M12 2P~5P FEMALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Brass Lock: Brass, Nickel plated

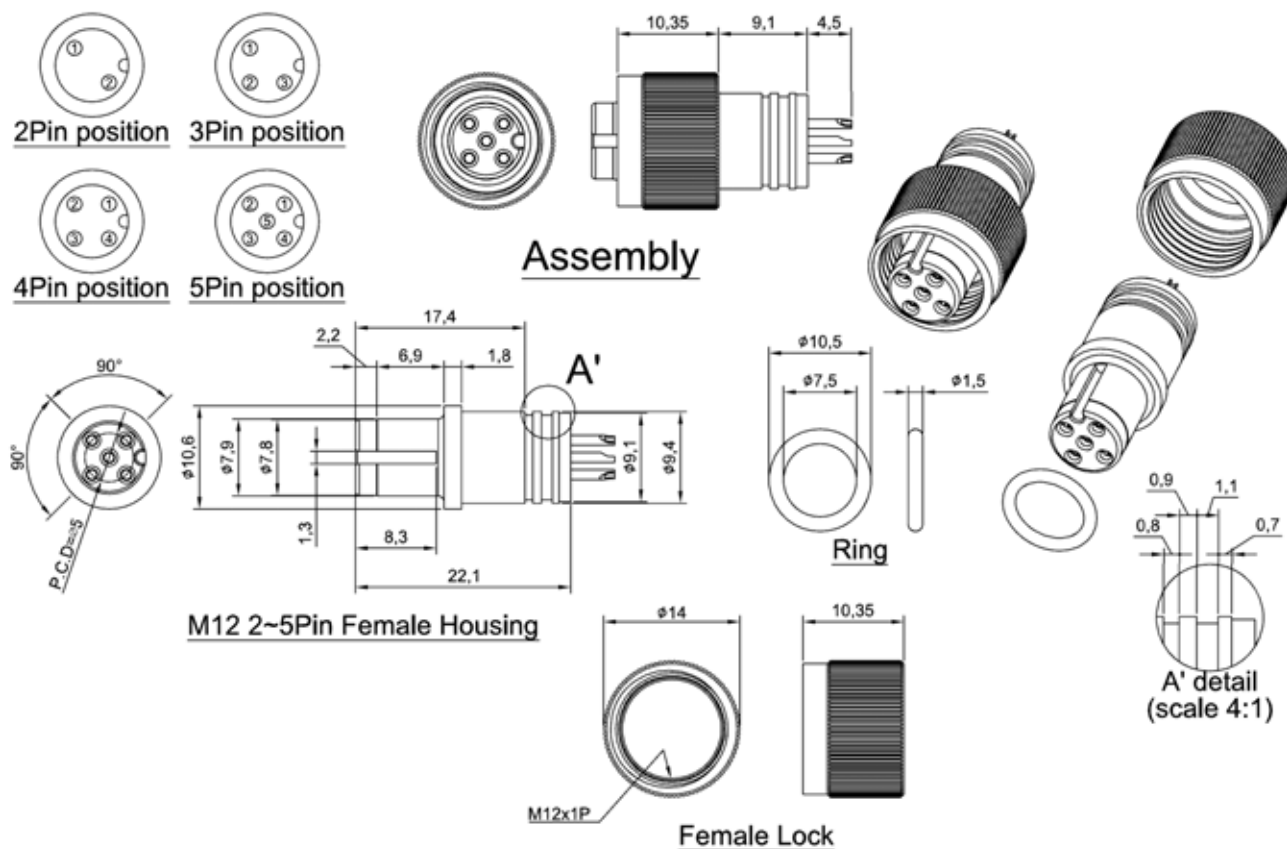
Ring: Sillica Gel, Orange

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{F}{3}$ - $\frac{x}{x}$ $\frac{A}{4}$ M

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
02, 03, 04, 05
4. APPLICABLE TYPE:
"AM" CABLE ASSEMBLY TYPE

WATERPROOF M12 6P~8P FEMALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Brass Lock: Brass, Nickel plated

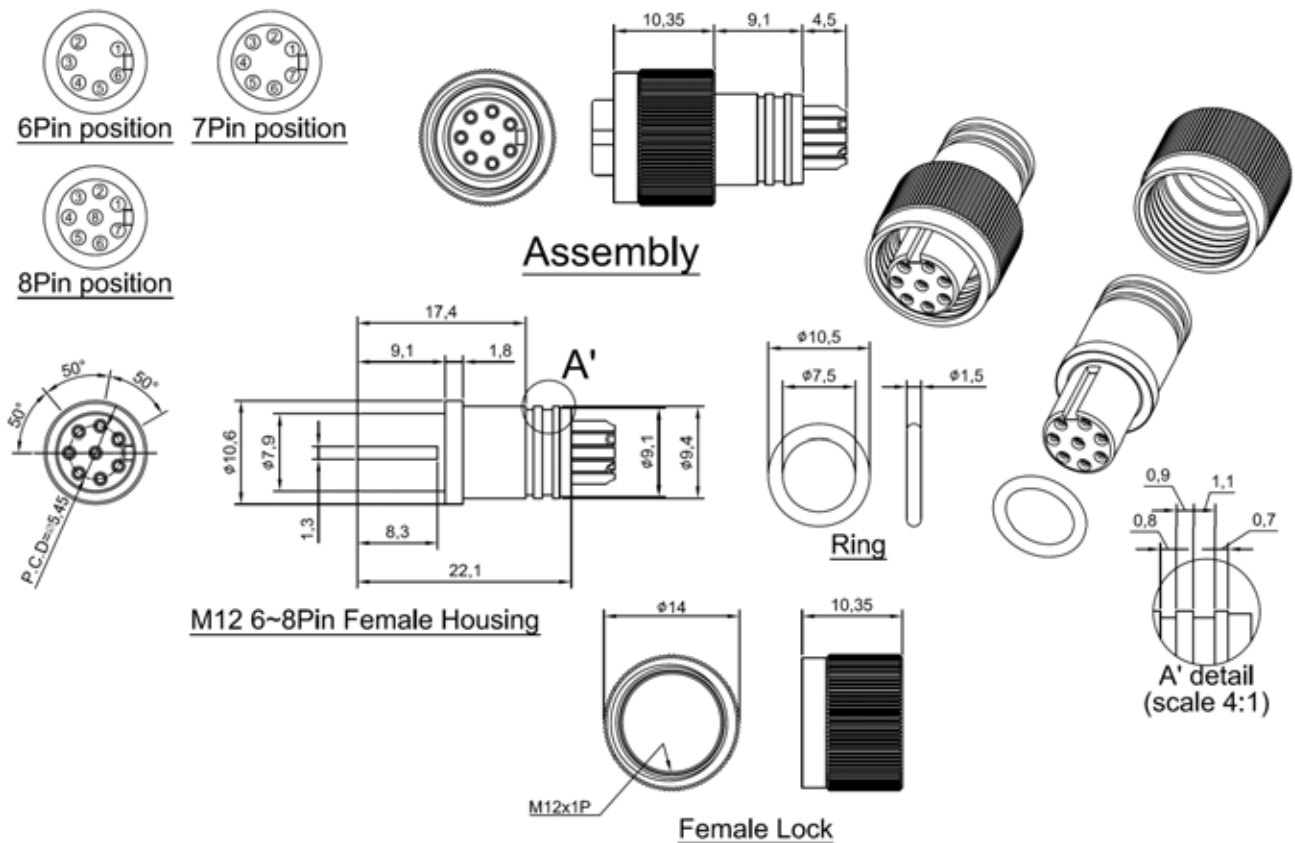
Ring: Sillica Gel, Orange

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{F}{3}$ - $\frac{x}{x}$ $\frac{A}{4}$ M

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
06, 07, 08
4. APPLICABLE TYPE:
"AM" CABLE ASSEMBLY TYPE

WATERPROOF M12 2P~5P FEMALE CONNECTOR FRONT PANEL MOUNT ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Shell: Brass, Nickel plated

Ring: Sillica Gel, Orange

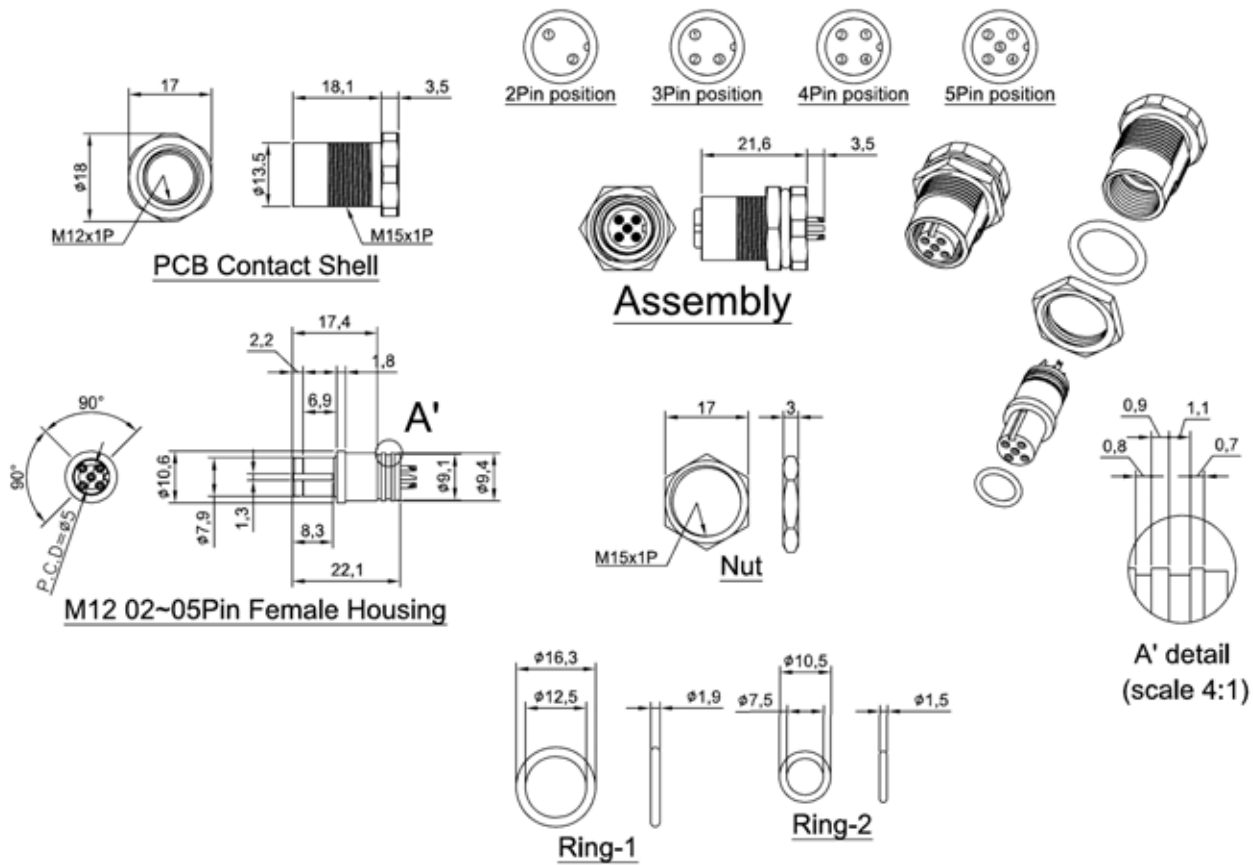
Ring: NBR, Black

Current Rating: 3A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 12 F - x x P G
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
02, 03, 04, 05
4. APPLICABLE TYPE:
"PG" FRONT PANEL MOUNT ASSEMBLY TYPE

WATERPROOF M12 6P~8P FEMALE CONNECTOR FRONT PANEL MOUNT ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Shell: Brass, Nickel plated

Ring: Sillica Gel, Orange

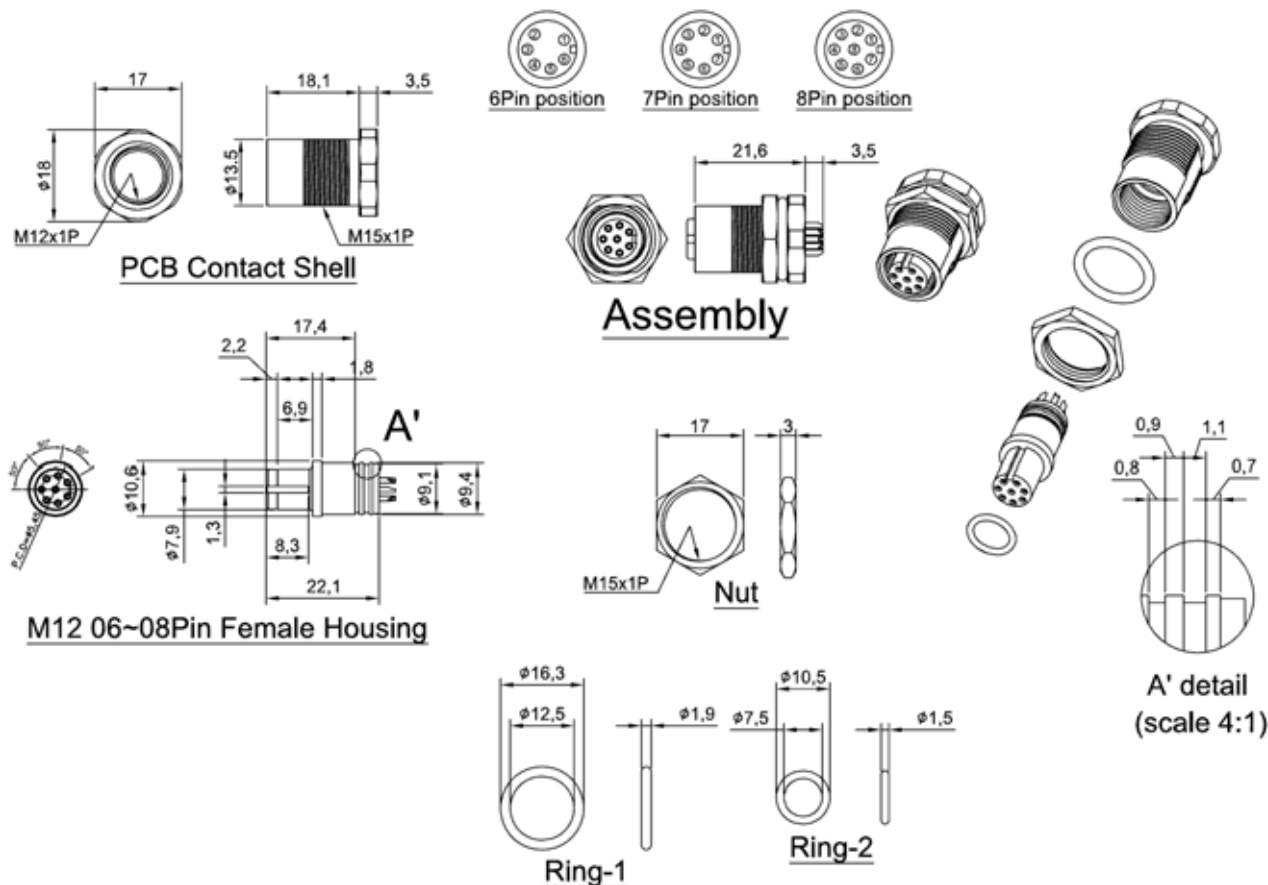
Ring: NBR, Black

Current Rating: 3A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{x}{3}$ $\frac{x}{3}$ $\frac{P}{4}$ $\frac{G}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
06, 07, 08
4. APPLICABLE TYPE:
"PG" FRONT PANEL MOUNT ASSEMBLY TYPE

WATERPROOF M12 2P~5P FEMALE CONNECTOR REAR PANEL MOUNT ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Shell: Brass, Nickel plated

Ring: Sillica Gel, Orange

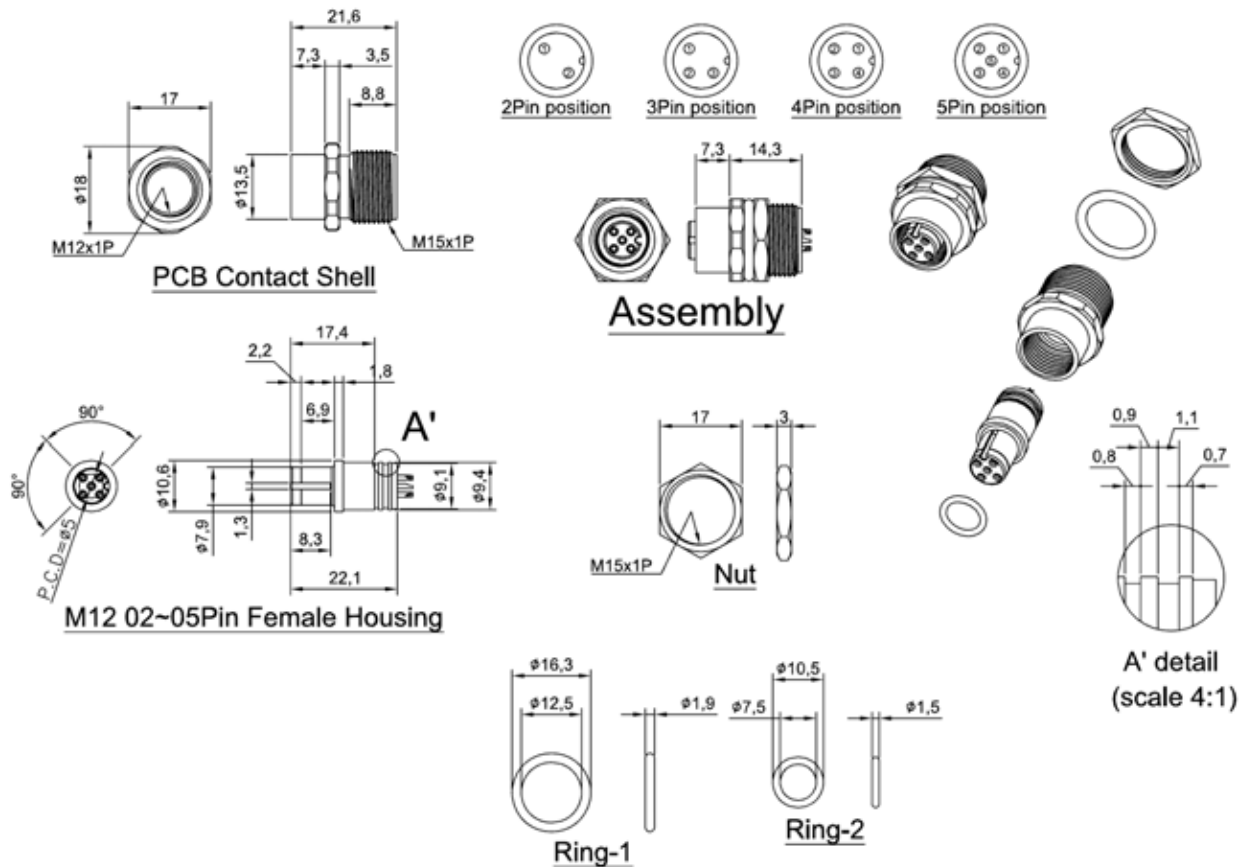
Ring: NBR, Black

Current Rating: 3A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{x}{3}$ $\frac{x}{3}$ $\frac{P}{4}$ $\frac{S}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
02, 03, 04, 05
4. APPLICABLE TYPE:
"PS" REAR PANEL MOUNT ASSEMBLY TYPE

WATERPROOF M12 6P~8P FEMALE CONNECTOR REAR PANEL MOUNT ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Shell: Brass, Nickel plated

Ring: Sillica Gel, Orange

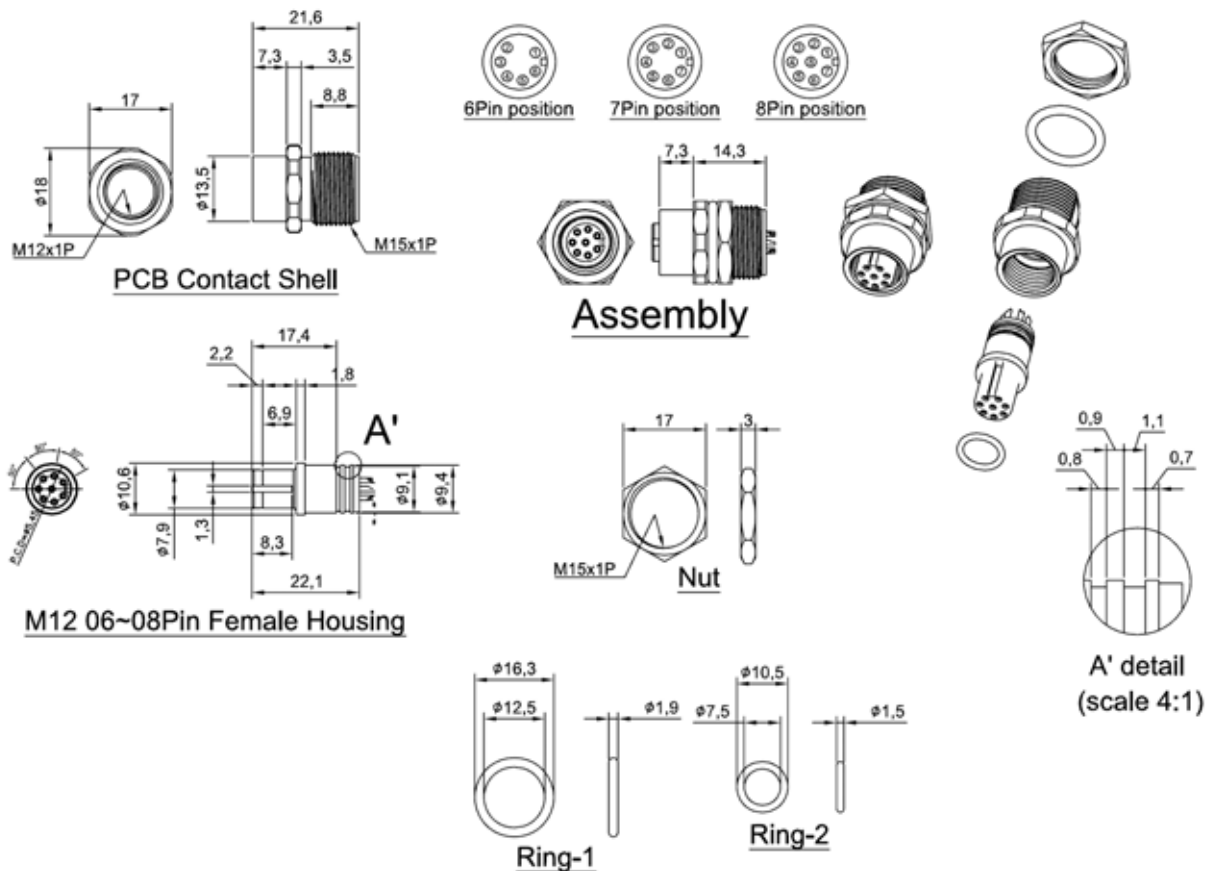
Ring: NBR, Black

Current Rating: 3A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{x}{3}$ $\frac{x}{3}$ $\frac{P}{4}$ $\frac{S}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
06, 07, 08
4. APPLICABLE TYPE:
"PS" REAR PANEL MOUNT ASSEMBLY TYPE

WATERPROOF M12 IP67 & IP68 RATED FEMALE LOCK CAP



MATERIALS

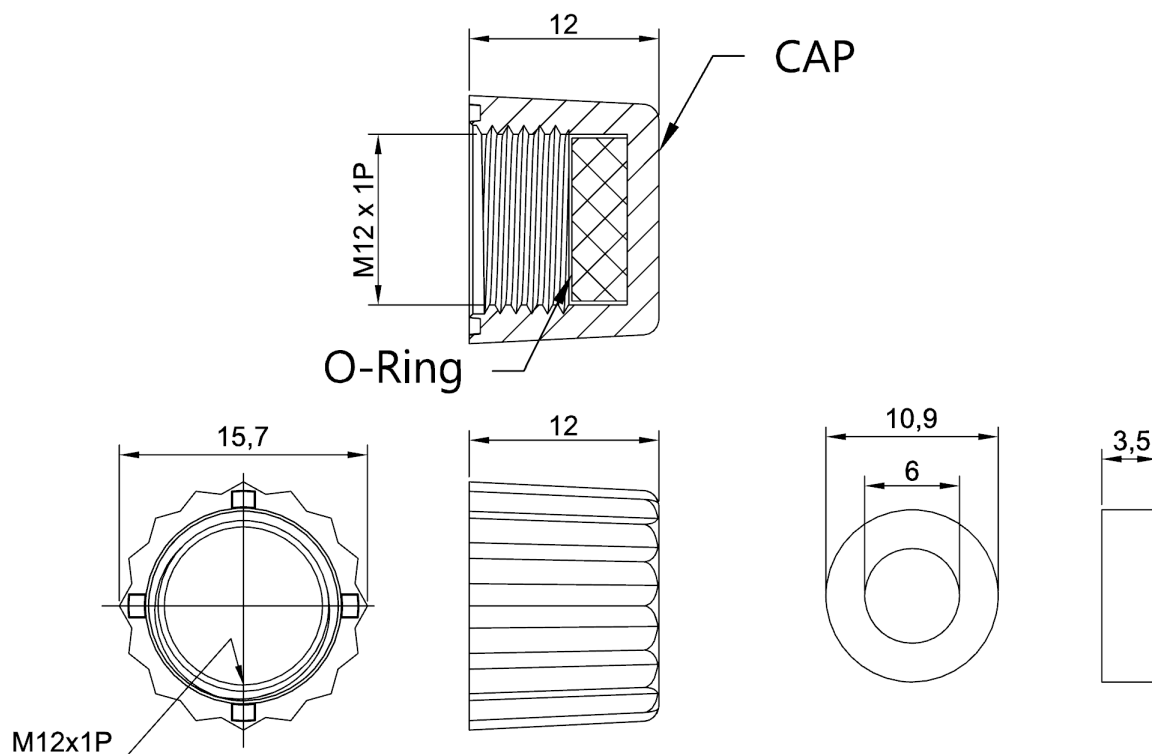
CAP: PA66+25%GF, Black

O-Ring: Sillica Gel, Orange

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



Female Lock Cap

ORDERING INFORMATION:

P/N WPC12F-CAP

WATERPROOF M12 3P FEMALE CONNECTOR ASSEMBLY TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Terminal: Brass, Gold Plated

Housing: Thermoplastic, UL 94V-0

Shield Cover: Brass, Nickel Plated

Screw Cap: Brass, Nickel Plated

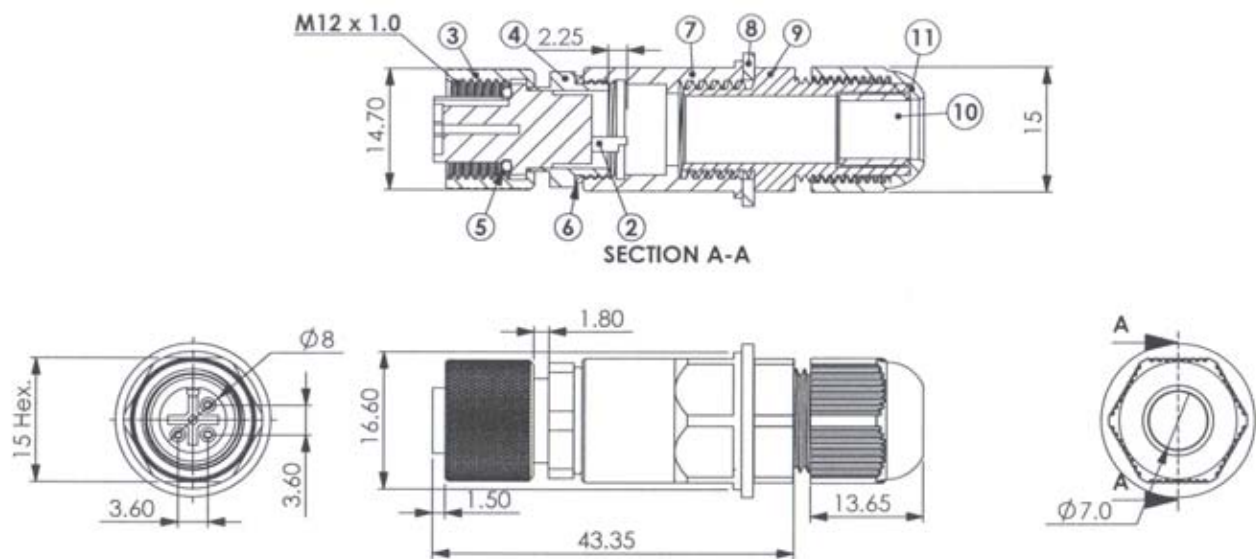
Housing Holder: Brass Nickel Plated

O-Ring: NBR

Rubber Ring: NBR

WP cable Holder: NBR or PA66

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 3 4 F - 03 A S

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12*1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

03

4. APPLICABLE TYPE:

"AS" CABLE ASSEMBLY TYPE

WATERPROOF M12 4P FEMALE CONNECTOR ASSEMBLY TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Terminal: Brass, Gold Plated

Housing: Thermoplastic, UL 94V-0

Shield Cover: Brass, Nickel Plated

Screw Cap: Brass, Nickel Plated

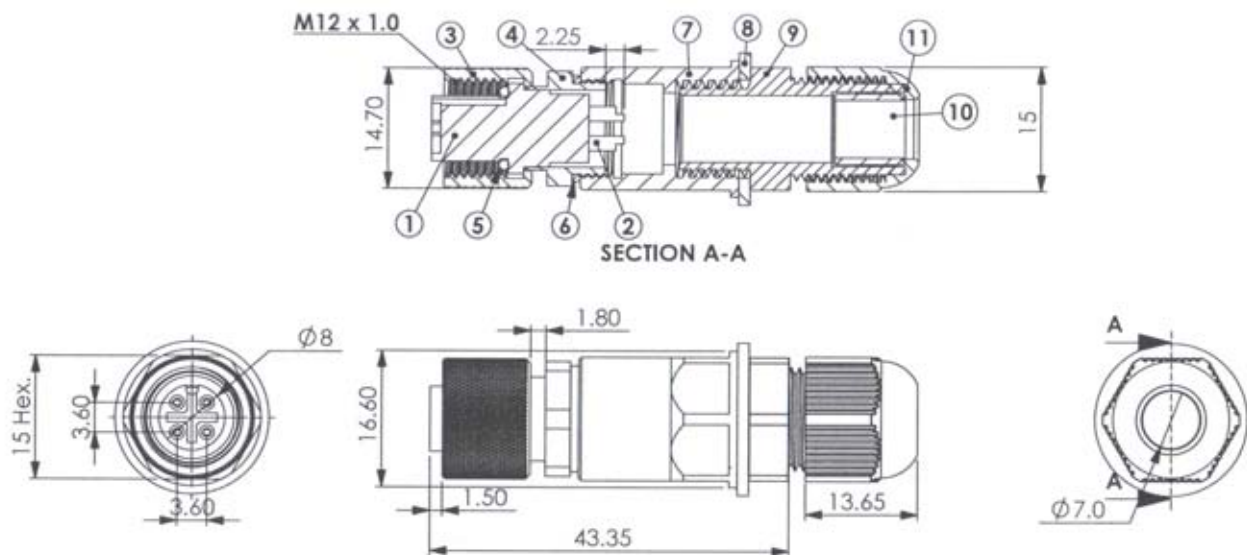
Housing Holder: Brass Nickel Plated

O-Ring: NBR

Rubber Ring: NBR

WP cable Holder: NBR or PA66

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 3 4 F - 04 A S

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12*1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"AS" CABLE ASSEMBLY TYPE

WATERPROOF M12 5P FEMALE CONNECTOR ASSEMBLY TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Terminal: Brass, Gold Plated

Housing: Thermoplastic, UL 94V-0

Shield Cover: Brass, Nickel Plated

Screw Cap: Brass, Nickel Plated

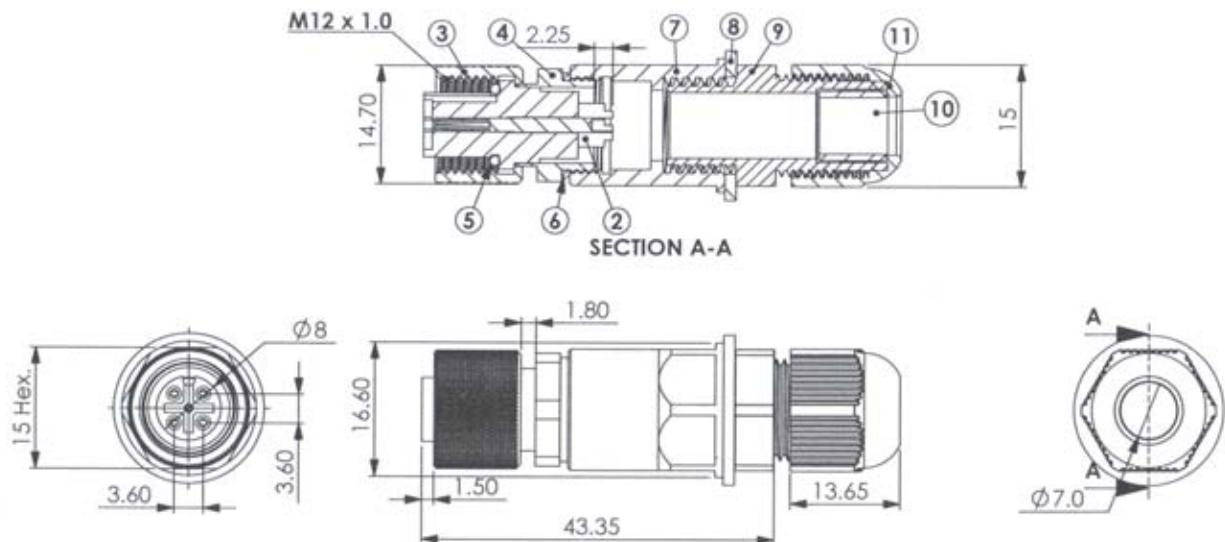
Housing Holder: Brass Nickel Plated

O-Ring: NBR

Rubber Ring: NBR

WP cable Holder: NBR or PA66

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 3 4 F - 05 A S

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12*1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

05

4. APPLICABLE TYPE:

"AS" CABLE ASSEMBLY TYPE

WATERPROOF M12 8P FEMALE CONNECTOR ASSEMBLY TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Terminal: Brass, Gold Plated

Housing: Thermoplastic, UL 94V-0

Shield Cover: Brass, Nickel Plated

Screw Cap: Brass, Nickel Plated

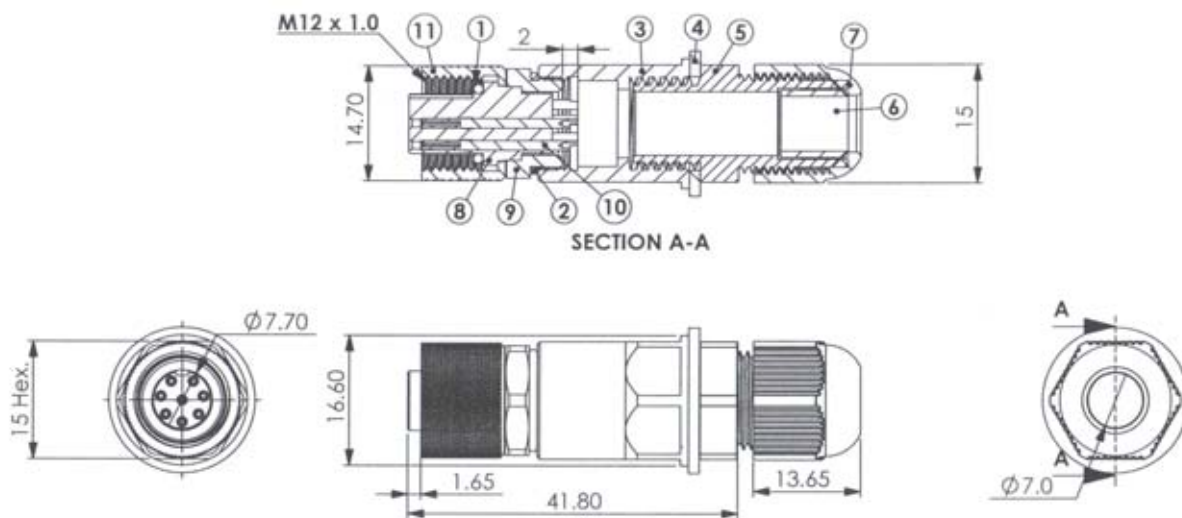
Housing Holder: Brass Nickel Plated

O-Ring: NBR

Rubber Ring: NBR

WP cable Holder: NBR or PA66

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 3 4 F - 08 A S

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12*1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

08

4. APPLICABLE TYPE:

"AS" CABLE ASSEMBLY TYPE

WATERPROOF M12 4P FEMALE CONNECTOR D-CODED CABLE ASSEMBCY TYPE



SPECIFICATION:

1.Electrical Specification:

Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1.Material:

a. Housing: PBT UL94V-0; Color: Black.

b. Contact: Brass.

c. Nut: Aluminum Alloy.

d. Shell: Aluminum Alloy.

e. O-Ring: EPDM; Color: Black.

f. Epoxy Base: EF400A & EF400B. Color: Black.

Main Body: Aluminum Alloy.

Gland: Silicone Color: Black.

Gland Cage: POM Color: Black.

Gland Nut: Brass.

2.Finish:

a. Contact: Gold Flash Micro Inches Min.

Under Plate: Nickel.

b. Nut: Sating Ni Plated.

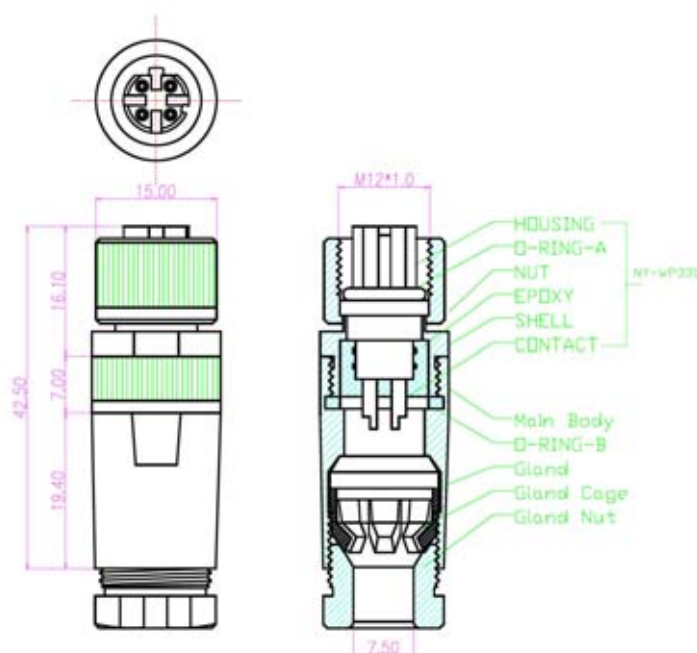
c. Shell: Sating Ni Plated.

Main Body: Sating Ni Plated.

Gland Nut: Sating Ni Plated.

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 04 AD

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"AD" D-CODED CABLE ASSEMBLY TYPE

WATERPROOF M12 8P FEMALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

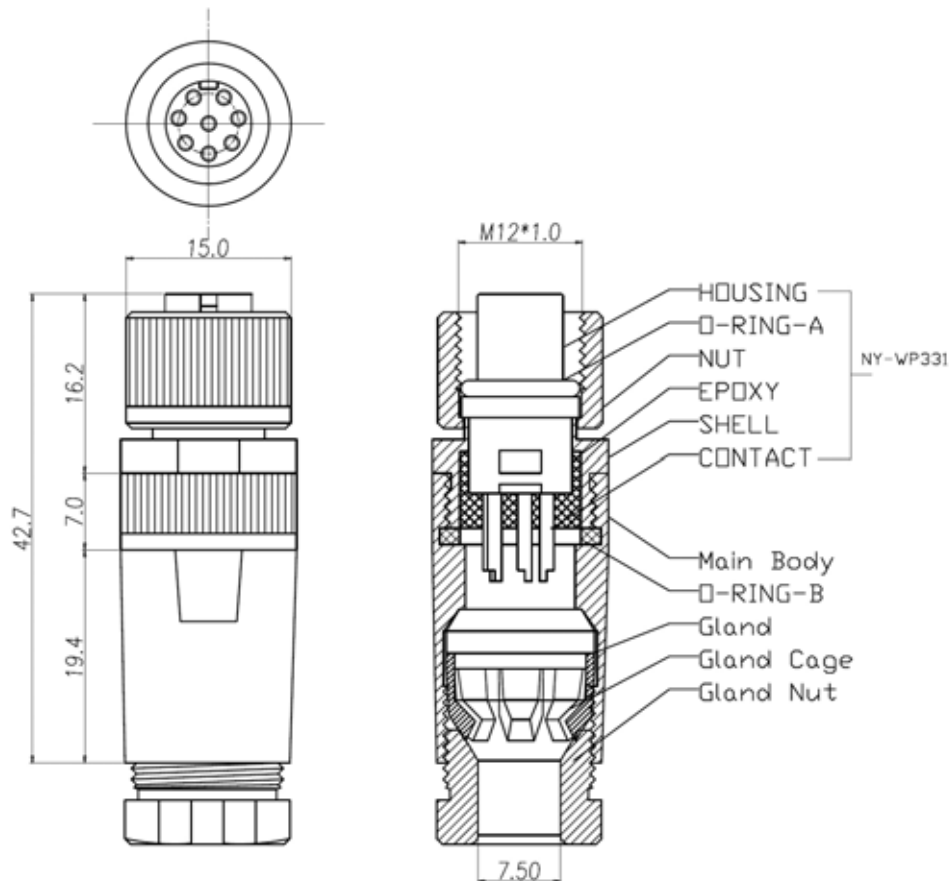
Shell: Aluminum Alloy; Nickel Plated

Nut: Aluminum Alloy; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 08 AA

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04, 05, 08
4. APPLICABLE TYPE:
"AA" CABLE ASSEMBLY TYPE

WATERPROOF M12 12P FEMALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

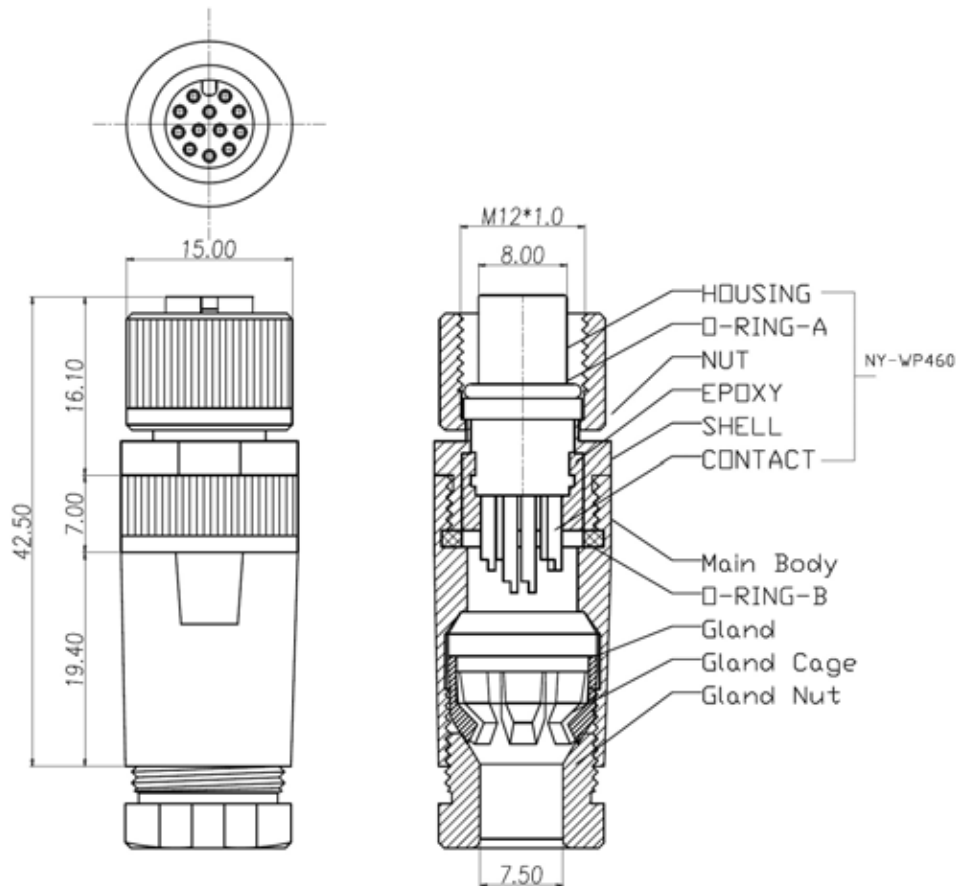
Shell: Aluminum Alloy; Nickel Plated

Nut: Aluminum Alloy; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{F}{3}$ - $\frac{12}{4}$ $\frac{AA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
12
4. APPLICABLE TYPE:
"AA" CABLE ASSEMBLY TYPE

WATERPROOF M12 3P+4P+5P FEMALE CONNECTOR CABLE SOLDER TYPE WITH GROUNDING



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

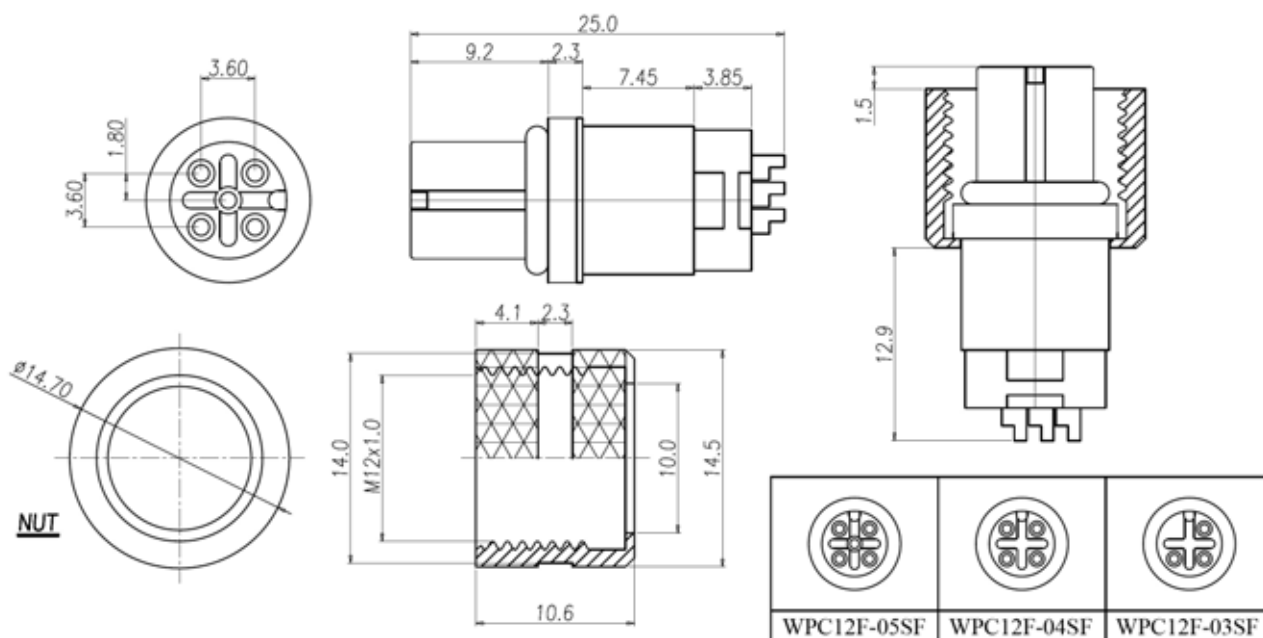
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{x}{3}$ $\frac{x}{4}$ S F

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03, 04, 05
4. APPLICABLE TYPE:
"SF" SOLDER TYPE FOR CABLE ASSEMBLY WITH GROUNDING

WATERPROOF M12 3P+4P+5P FEMALE CONNECTOR B-CODED CABLE SOLDER TYPE



SPECIFICATION:

1.Electrical Specification:

Rated Current: 5A

Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring: EPDM; Color: Black(7.5*1.5)

2.Finish:

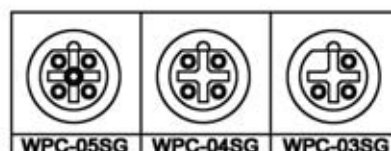
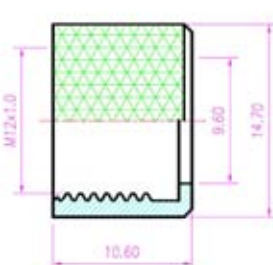
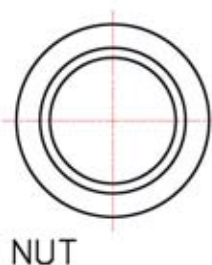
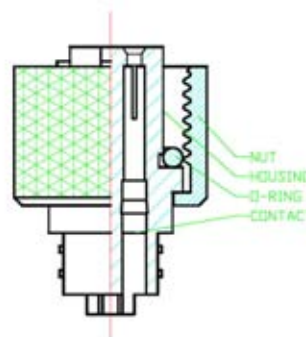
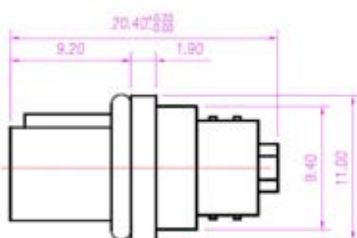
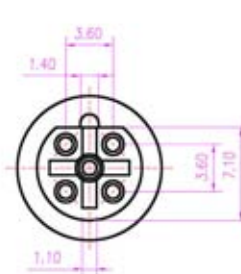
Contact: 10 Micro Inches Min. Gold Plated

Under Plate: Nickel

Nut: Nickel Plated 60u"~100u" Over All

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{x}{3}$ $\frac{x}{4}$ S G

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

03, 04, 05

4. APPLICABLE TYPE:

"SG" B-CODED CABLE SOLDER TYPE

WATERPROOF M12 3P+4P+5P FEMALE CONNECTOR D-CODED CABLE SOLDER TYPE WITH GROUNDING



SPECIFICATION:

1. Electrical Specification:

Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2. Environmental:

Operating Temperature: -40°C ~ 85°C

MATERIALS:

1. Material:

Housing: TPU; Color: Black

Contact: Brass

Nut: Brass

Shell: Brass

O-Ring: EDPM; Color: Black

Epoxy Base: EF400A & EF400B; Clork: Black

2. Finish:

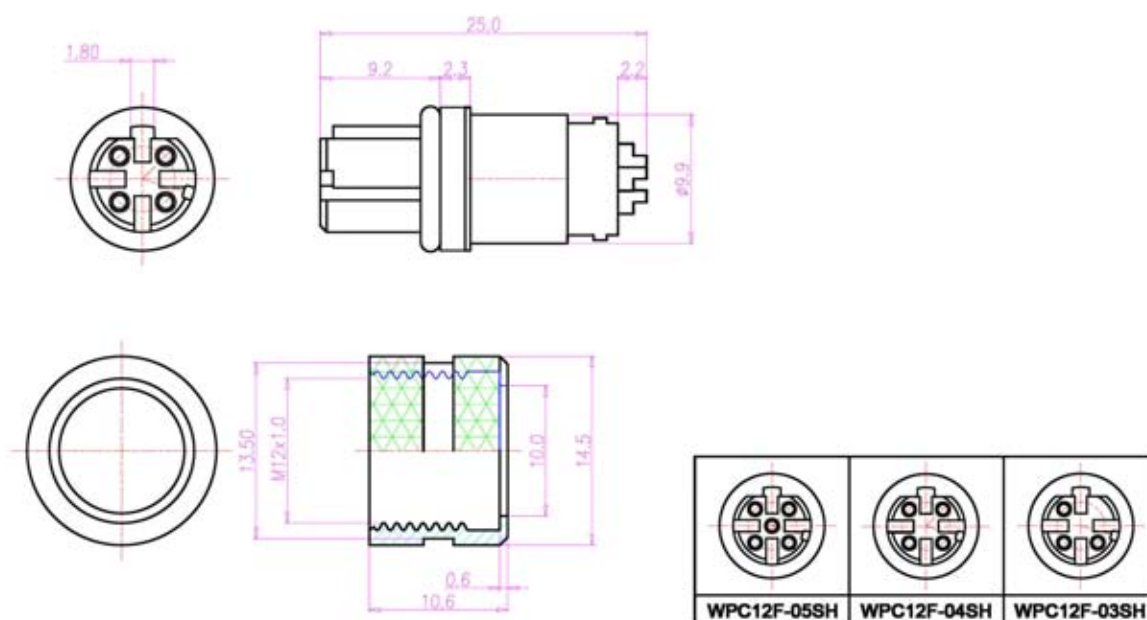
Contact: 10 Micro Inches Min. Gold Plated
Under Plate: Nickel

Nut: Nickel Plated

Shell: Nickel Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{F}{3}$ - $\frac{x}{x}$ $\frac{S}{4}$ H

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

03, 04, 05

4. APPLICABLE TYPE:

"SH" D-CODED CABLE SOLDER TYPE WITH GROUNDING

WATERPROOF M12 3P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

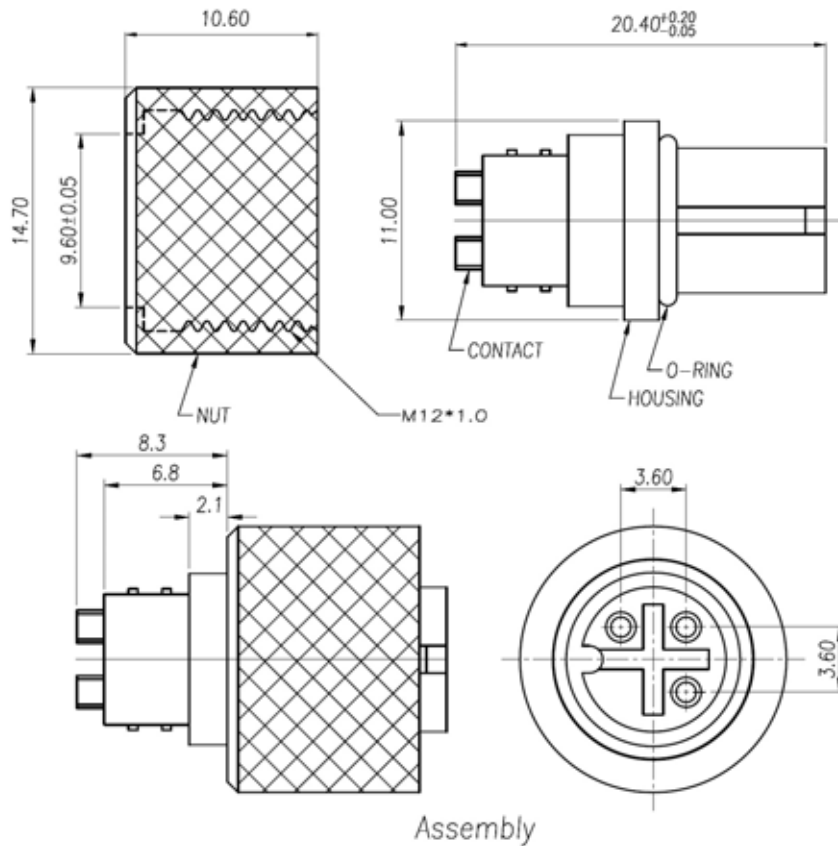
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 3 4 F - 03 S B

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"SB" SOLDER TYPE

WATERPROOF M12 4P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: TPU, UL 94V-0

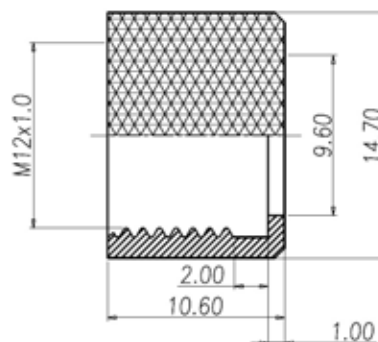
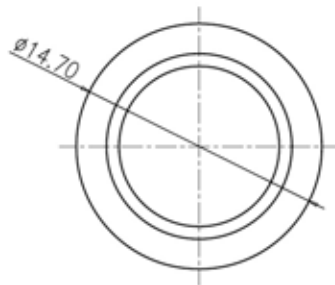
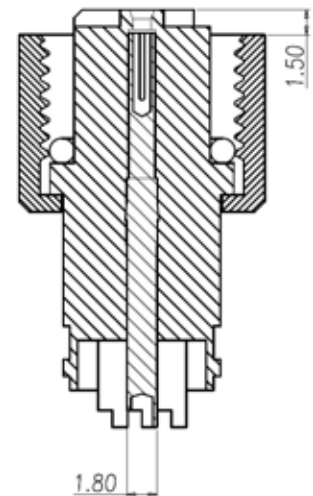
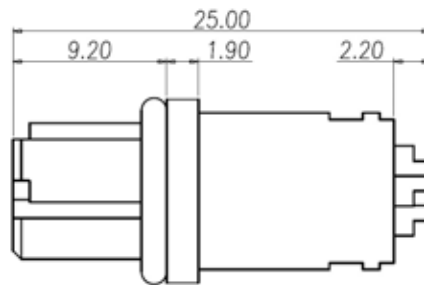
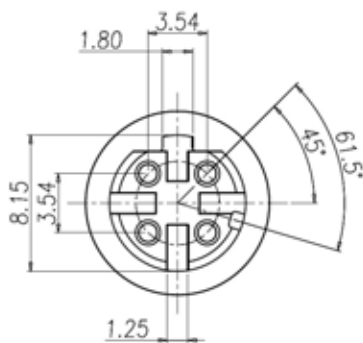
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



NUT

ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{0}{3}$ $\frac{4}{4}$ S C

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"SC" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M12 5P FEMALE CONNECTOR SOLDER TYPE



SPECIFICATIONS

Rated Current: 5A

Operation Temperature: -20°C to 85°C

Voltage: 125V

Waterproof Test: IPX7

* RoHS & REACH compliant.

MATERIALS

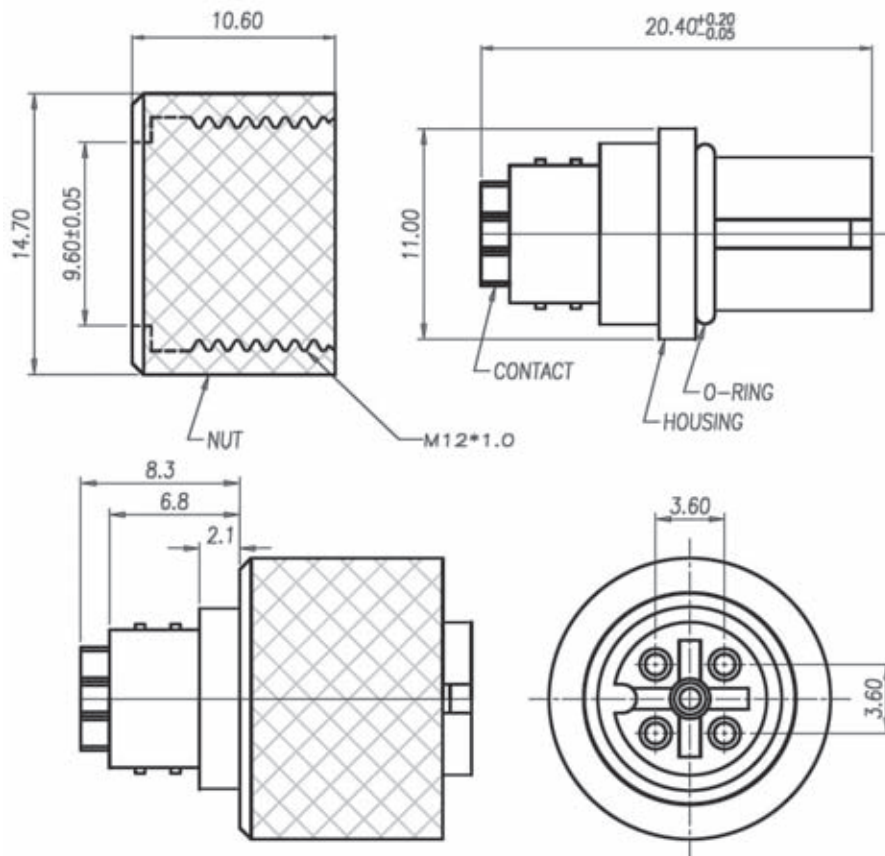
Housing: PBT, UL 94V-0

Contact: Brass

Nut: Brass; Nickel plated 60u" ~ 100u" over all

O-Ring: EPDM

Unit: mm



P/N WPC12F-05SDxx

ORDERING INFORMATION:

P/N WPC 1 2 3 4 F - 05 SD xx

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. CONTACT FINISH:
"SD01" GOLD FLASH PLATED
"SD10" 10 MICROINCH GOLD PLATED
"SDNI" 60 MICROINCH NICKEL PLATED

WATERPROOF M12 5P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

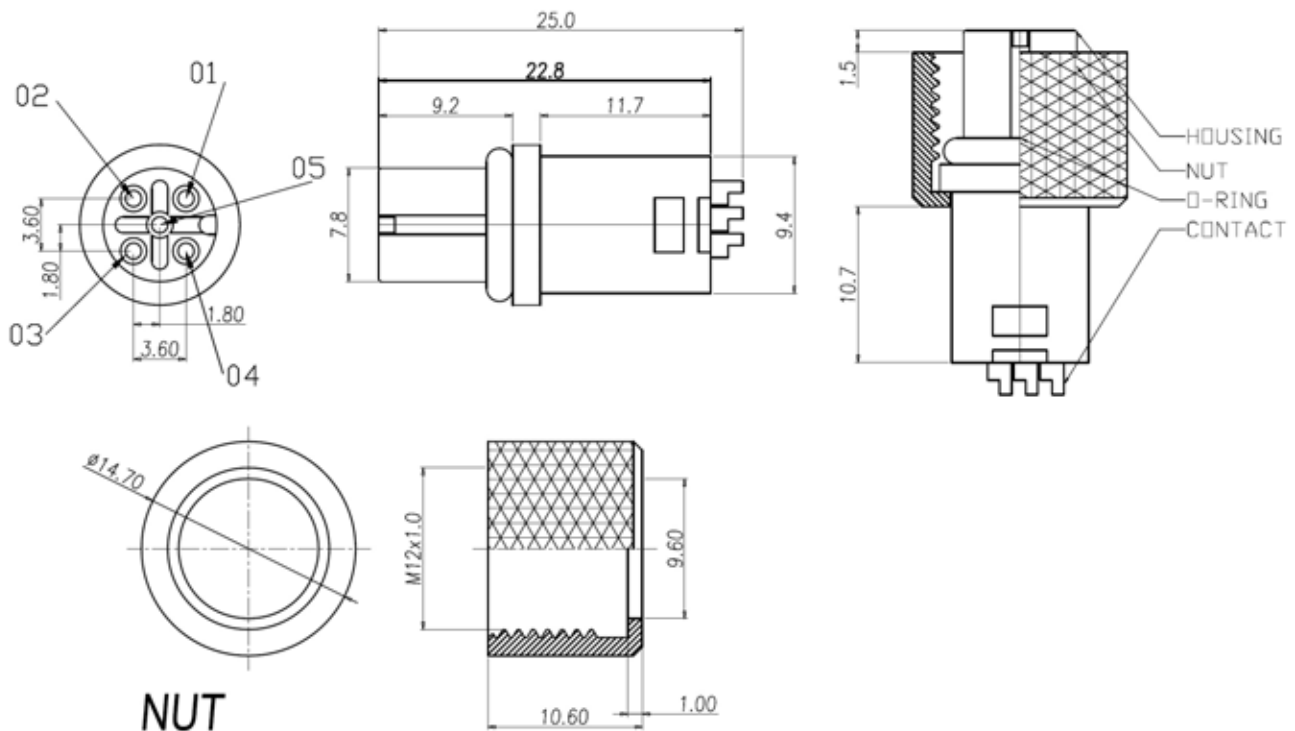
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 3 4 F - 05 S E

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"SE" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M12 6P FEMALE CONNECTOR CABLE SOLDER TYPE



SPECIFICATION:

1. Electrical Specification:

Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2. Environmental:

Operating Temperature: -40°C ~ 85°C

MATERIALS:

1. Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring: EPDM; Color: Black

Shell: Brass

2. Finish:

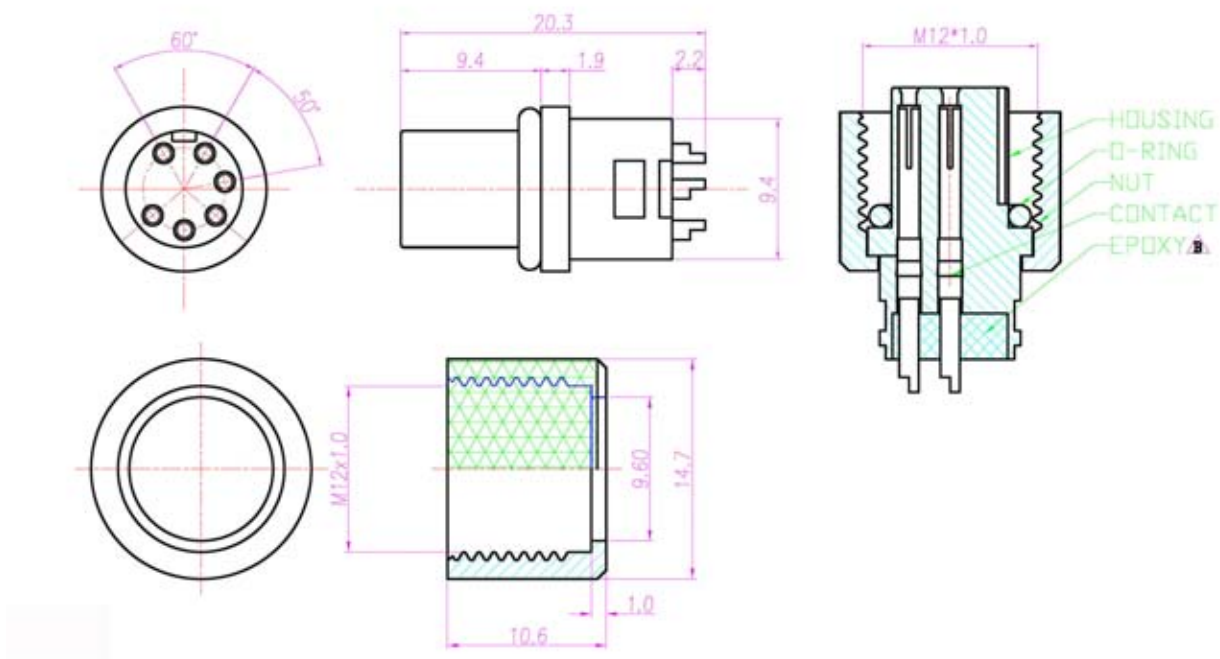
Contact: 10 Micro Inches Min. Gold Plated

Under Plate: Nickel

Nut: Nickel Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ $\frac{12}{2}$ F - $\frac{06}{3}$ $\frac{SA}{4}$

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

06

4. APPLICABLE TYPE:

"SA" CABLE SOLDER TYPE

WATERPROOF M12 2P+6P FEMALE CONNECTOR CABLE SOLDER TYPE 3A+10A RATED



SPECIFICATION:

1.Electrical Specification:

Rated Current: 3A+10A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -40°C ~ 85°C

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring: EPDM; Color: Black

Epoxy Base: EF400A & EF400B; Clork: Black

2.Finish:

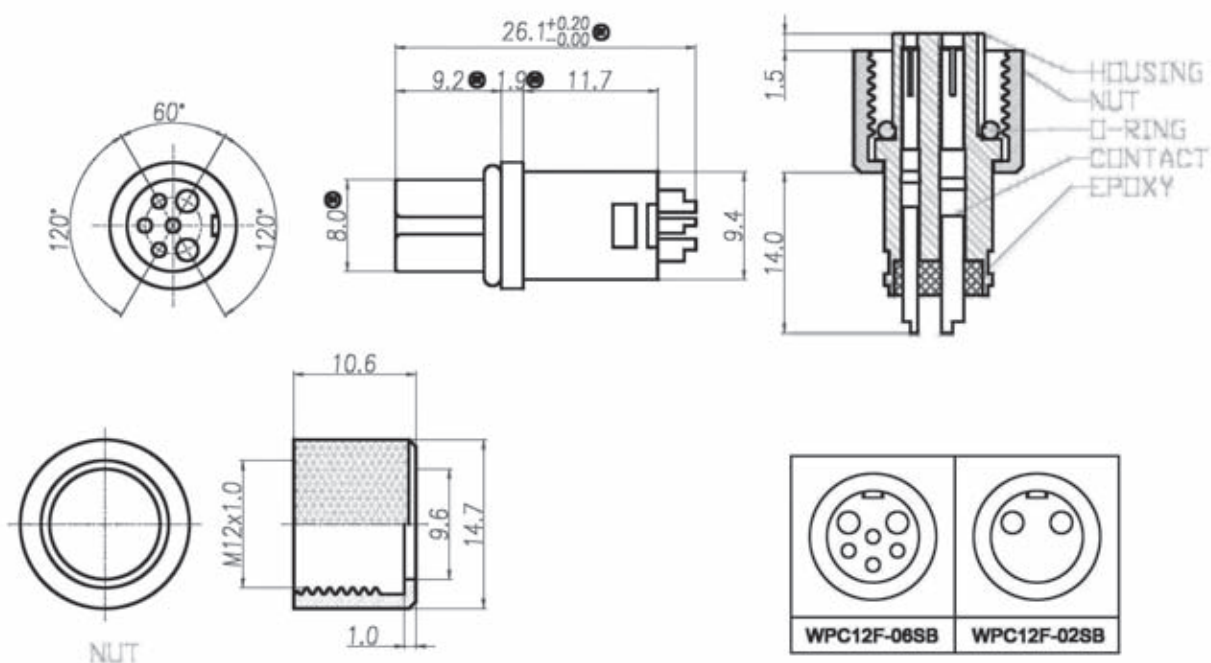
Contact: Gold Flash

Under Plate: Nickel

Nut: Nickel Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

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

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

02, 06

4. APPLICABLE TYPE:

"SB" CABLE SOLDER TYPE 3A+10A RATED

WATERPROOF M12 8P FEMALE CONNECTOR CABLE SOLDER TYPE WITH GROUNDING



SPECIFICATION:

1. Electrical Specification:

Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2. Environmental:

Operating Temperature: -40°C ~ 85°C

MATERIALS:

1. Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring: EPDM; Color: Black

Shell: Brass

2. Finish:

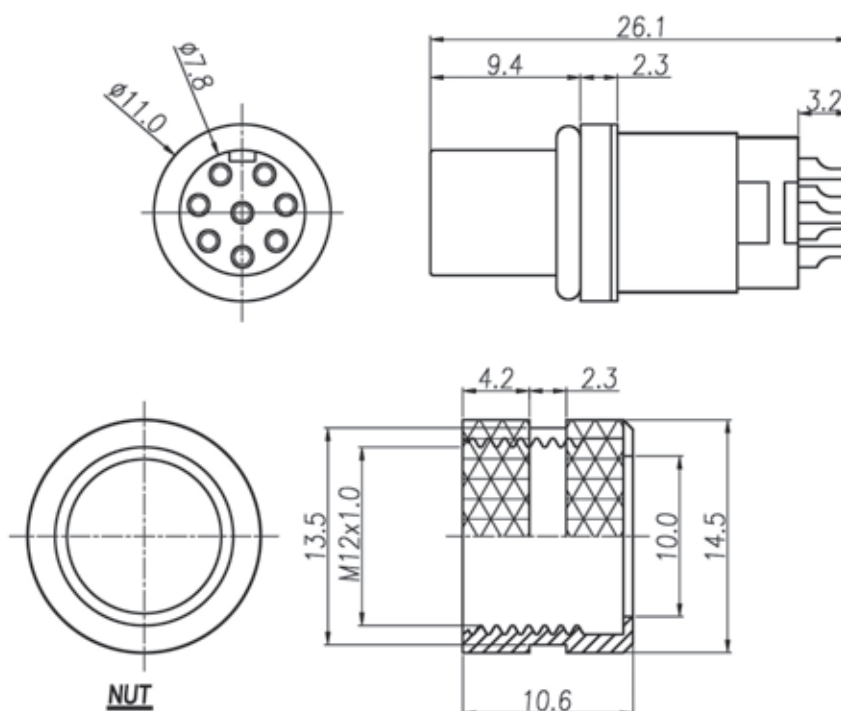
Contact: Gold Flash; Under Plate: Nickel

Nut: Nickel Plated

Shell: Nickel Plated

*RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 3 4 12 F - 08 S F

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

08

4. APPLICABLE TYPE:

"SF" CABLE SOLDER TYPE WITH GROUNDING

WATERPROOF M12 8P FEMALE CONNECTOR SOLDER TYPE



MATERIALS

Housing: Thermoplastic, UL 94V-0 (PBT 30% Glass fiber)

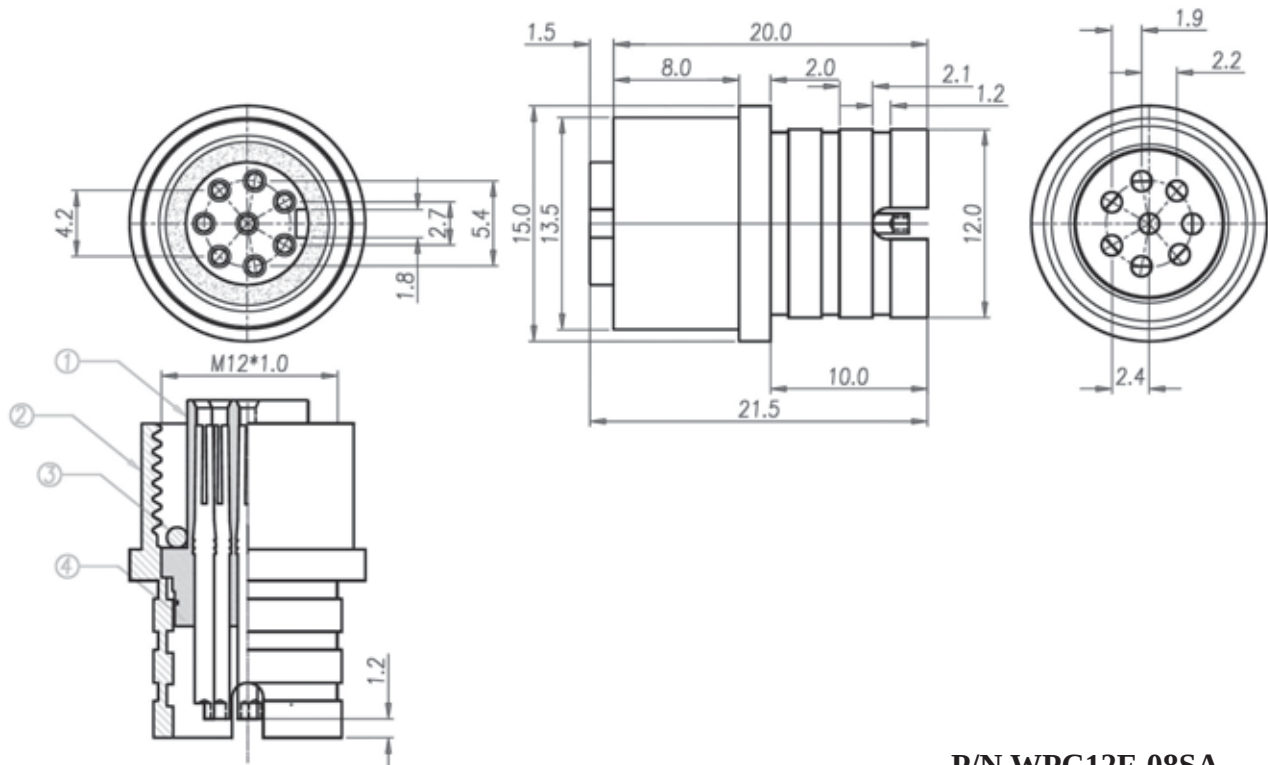
Contact: Brass; 10u" Gold

Shell: Brass; Nickel 100u"

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

Unit: mm



P/N WPC12F-08SA

ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 08 SA

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"SA" SOLDER TYPE

WATERPROOF M12 17P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

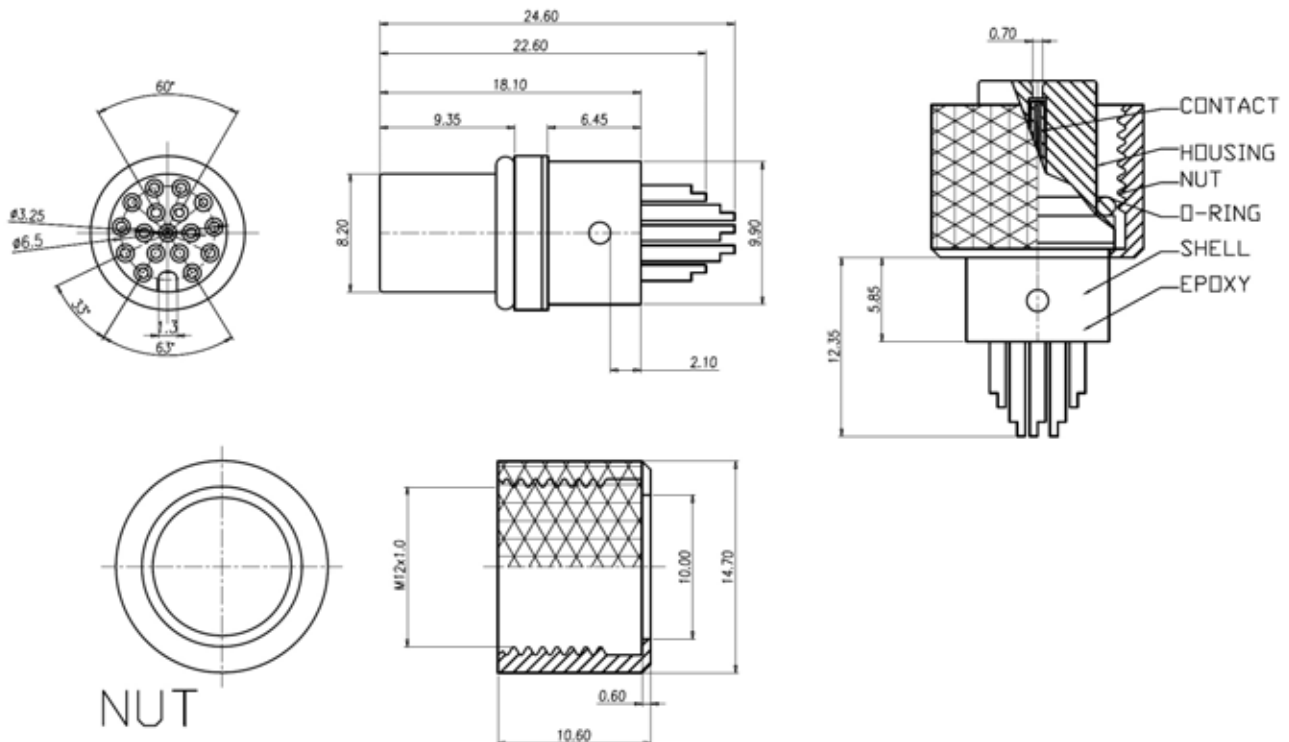
Shell: Brass; Tin Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{1}{3}$ $\frac{17}{4}$ S G

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
17
4. APPLICABLE TYPE:
"SG" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M12 3P FEMALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

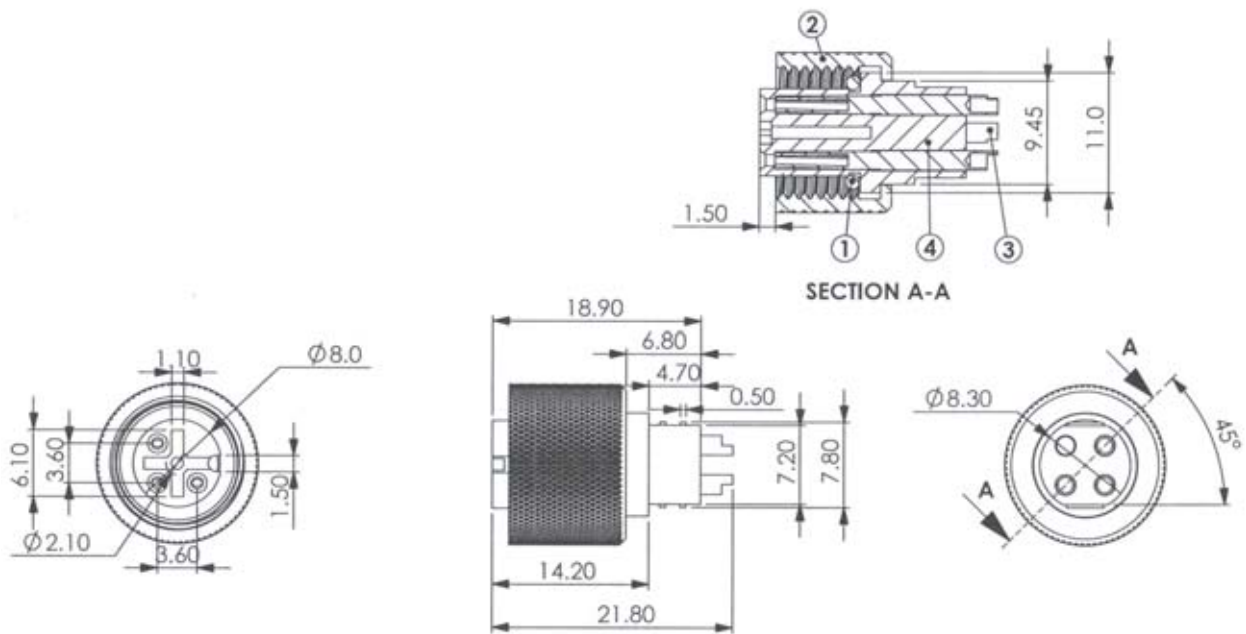
MATERIALS

Housing: PBT + GF15%

Screw Cap: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{0}{3}$ $\frac{3}{4}$ M D

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M12 4P FEMALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

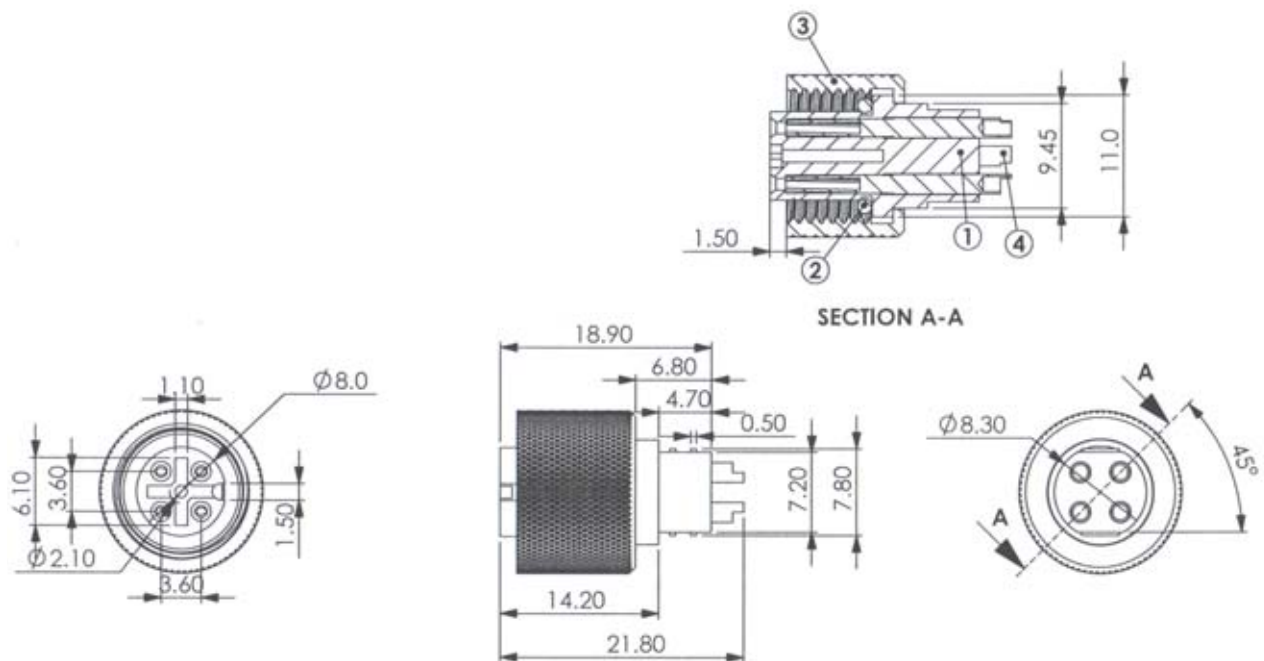
MATERIALS

Housing: PBT + GF15%

Screw Cap: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{0}{3}$ $\frac{4}{4}$ M D

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M12 5P FEMALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

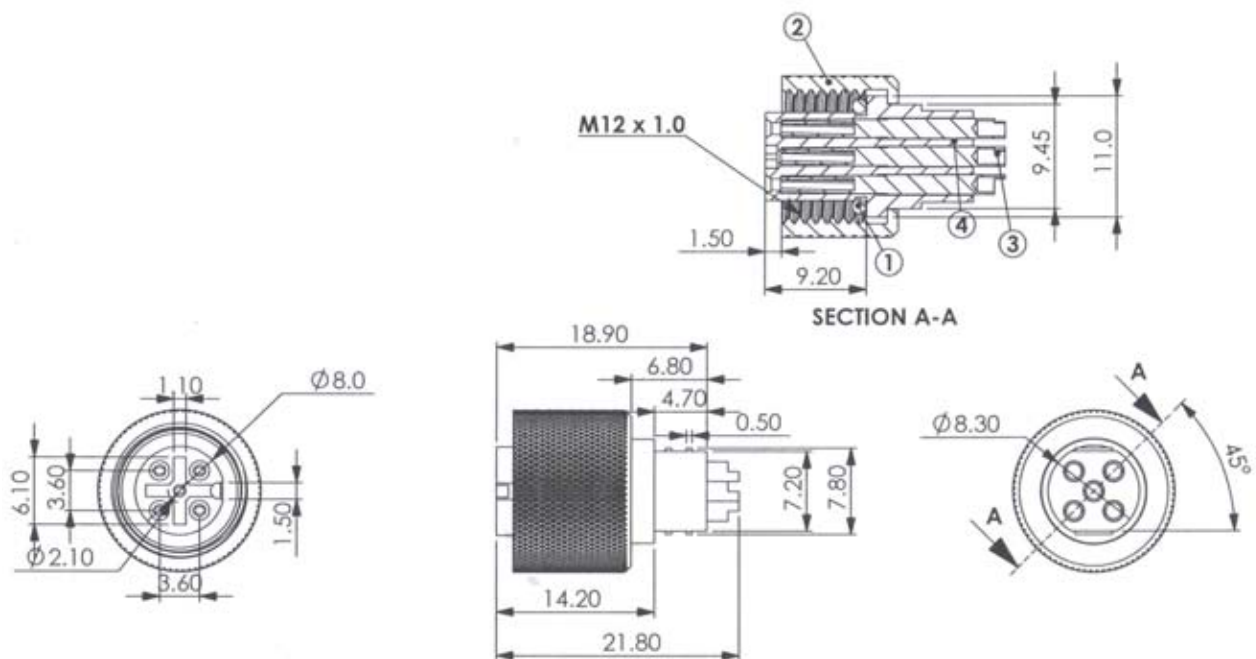
MATERIALS

Housing: PBT + GF15%

Screw Cap: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{0}{3}$ $\frac{5}{4}$ M D

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M12 8P FEMALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

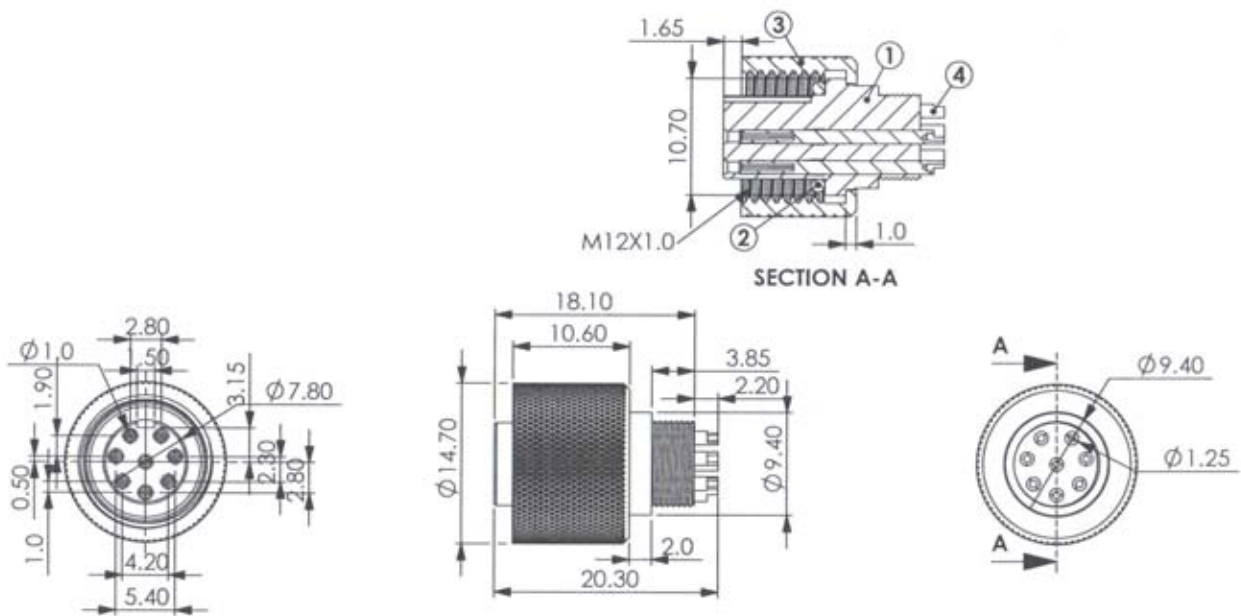
MATERIALS

Housing: PBT + GF15%

Screw Cap: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 08 M D

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M12 4P+5P FEMALE CONNECTOR PANEL MOUNT SOLDER TYPE



SPECIFICATIONS

Rated Current: 5A

Operation Temperature: -20°C to 85°C

Voltage: 125V

Waterproof Test: IPX7

*** RoHS & REACH compliant.**

MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; 10 Micro inches min. Gold plated under Nickel

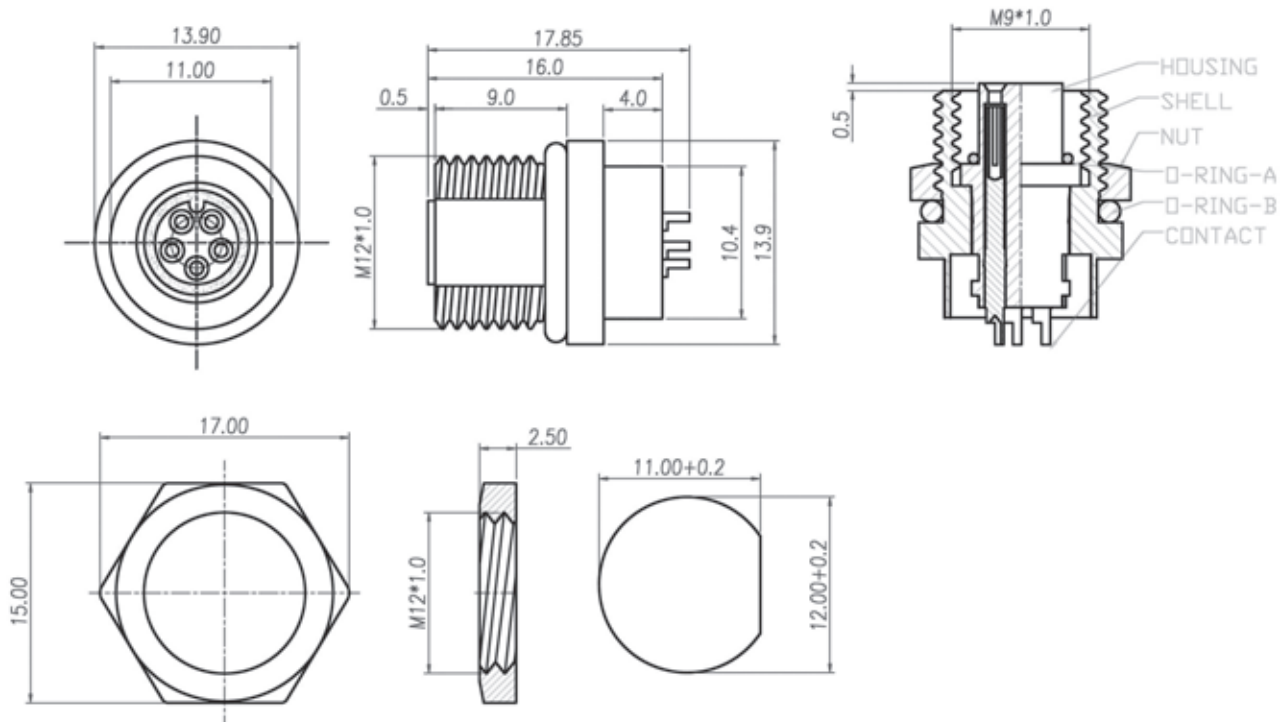
Nut: Brass; Nickel plated 60u" ~ 100u" over all

Shell: Nickel plated 60u" ~ 100u" over all

O-Ring A: NBR

O-Ring B: EPDM

Unit: mm



P/N WPC12F-05PA

ORDERING INFORMATION:

P/N W P C 1 2 F - x x P A

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04, 05
4. APPLICABLE TYPE:
"PA" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 4P FEMALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Insulation: PBT 30%GF, UL 94V-0

Contact: Brass; Gold 10u"

Shell: Brass; Ni 100u"

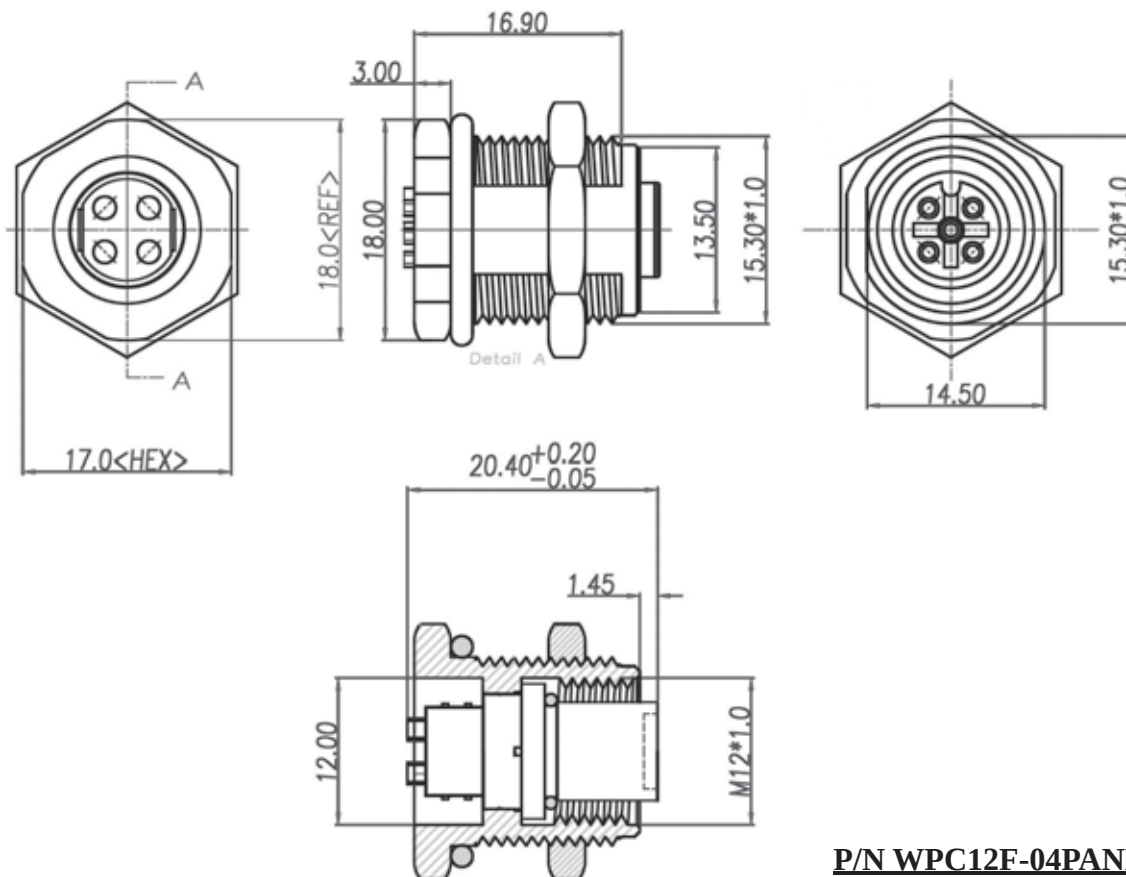
Nut: Brass; Ni 100u"

O-Ring: NBR

Waterproof Test: IP67 Rated

All materials must be RoHS compliant.

Unit: mm



P/N WPC12F-04PAND

ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{0}{3}$ $\frac{4}{4}$ P D

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PD" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 5P FEMALE CONNECTOR



MATERIALS

Housing: Thermoplastic, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

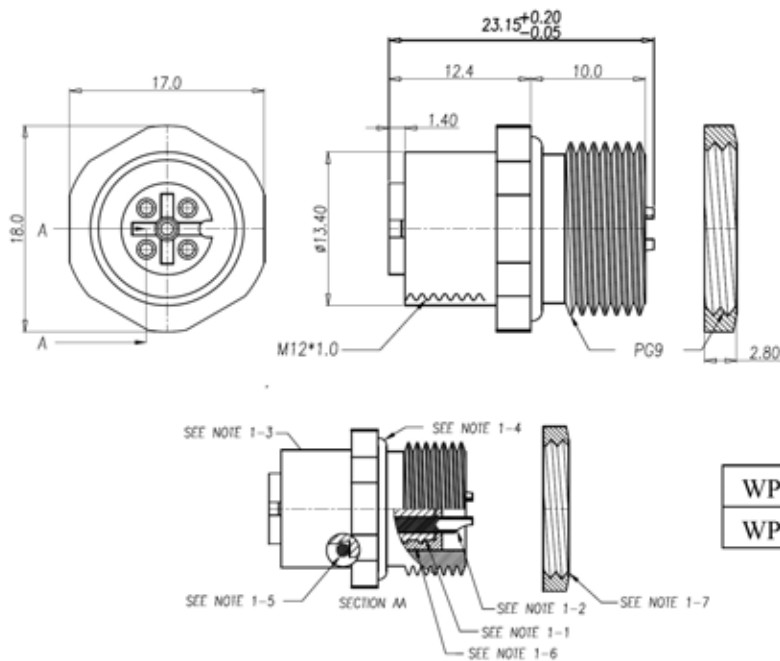
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



WPC12F-05PC01	GOLD FLASH
WPC12F-05PC10	10 MICROINCH GOLD

ORDERING INFORMATION:

P/N W P C 1 2 3 4 F - 05 P C x x

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. CONTACT FINISH:
"PC01" GOLD FLASH
"PC10" 10 MICROINCH GOLD

WATERPROOF M12 5P FEMALE CONNECTOR PANEL MOUNT TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

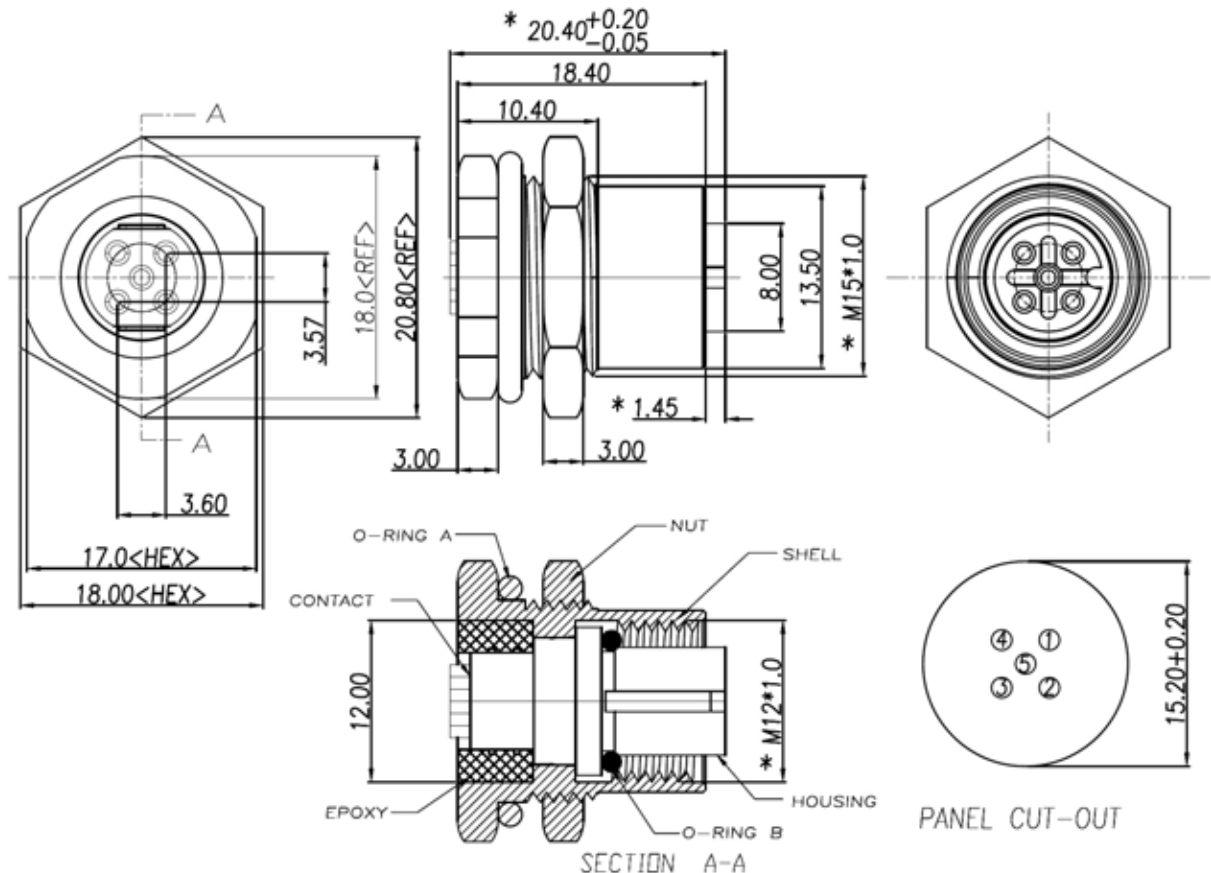
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{12}{1}$ $\frac{F}{2}$ - $\frac{05}{3}$ $\frac{P E}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"PE" PANEL MOUNT TYPE

WATERPROOF M12 3P FEMALE CONNECTOR PANEL FRONT MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: PBT+GF15%

Shield Cover: Brass, Nickel Plated

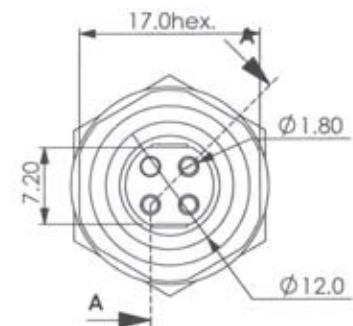
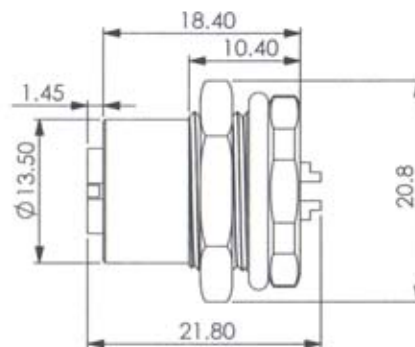
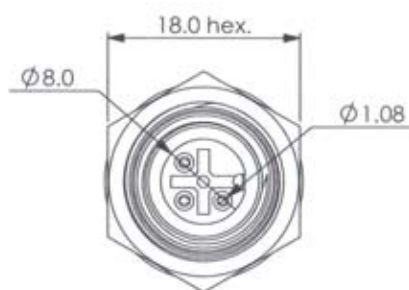
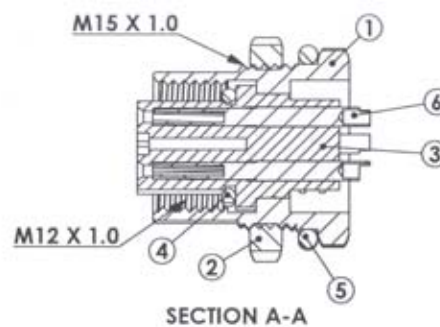
Terminals: Brass, Gold Plated

Screw Nut: Brass, Nickel Plated

JPF Ring: NBR

Rubber Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 03 P F

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"PF" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M12 4P FEMALE CONNECTOR PANEL FRONT MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: PBT+GF15%

Shield Cover: Brass, Nickel Plated

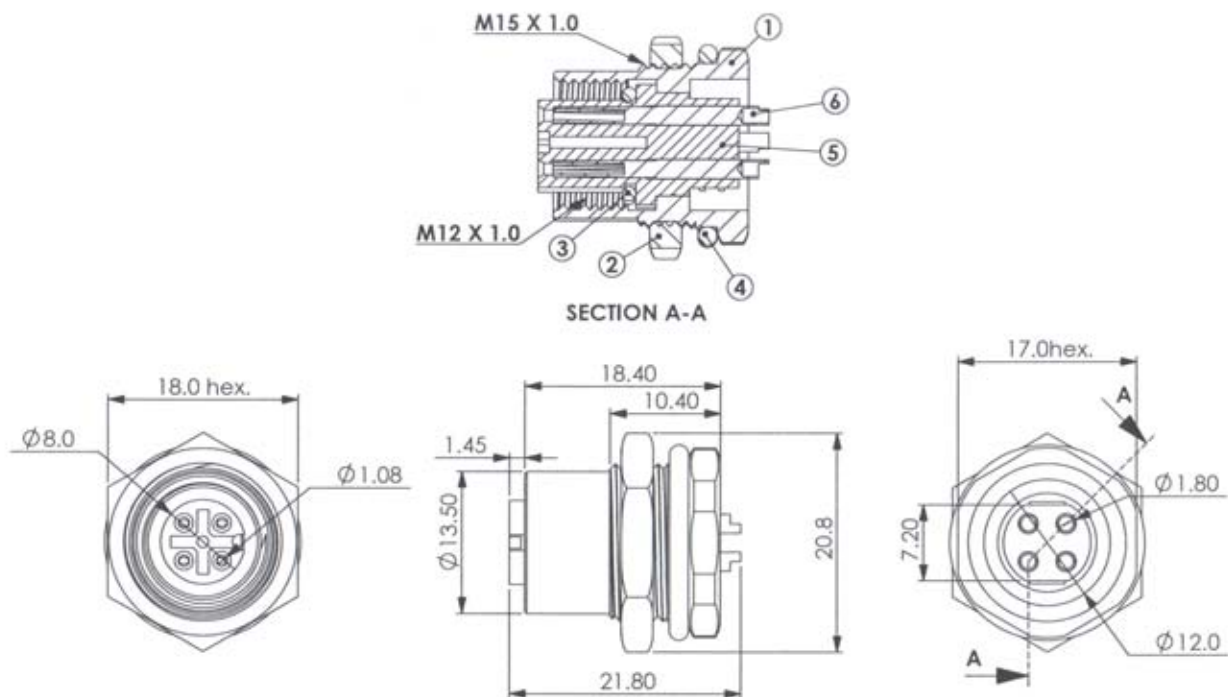
Terminals: Brass, Gold Plated

Screw Nut: Brass, Nickel Plated

JPF Ring: NBR

Rubber Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 04 P F

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PF" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M12 5P FEMALE CONNECTOR PANEL FRONT MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: PBT+GF5%

Shield Cover: Brass, Nickel Plated

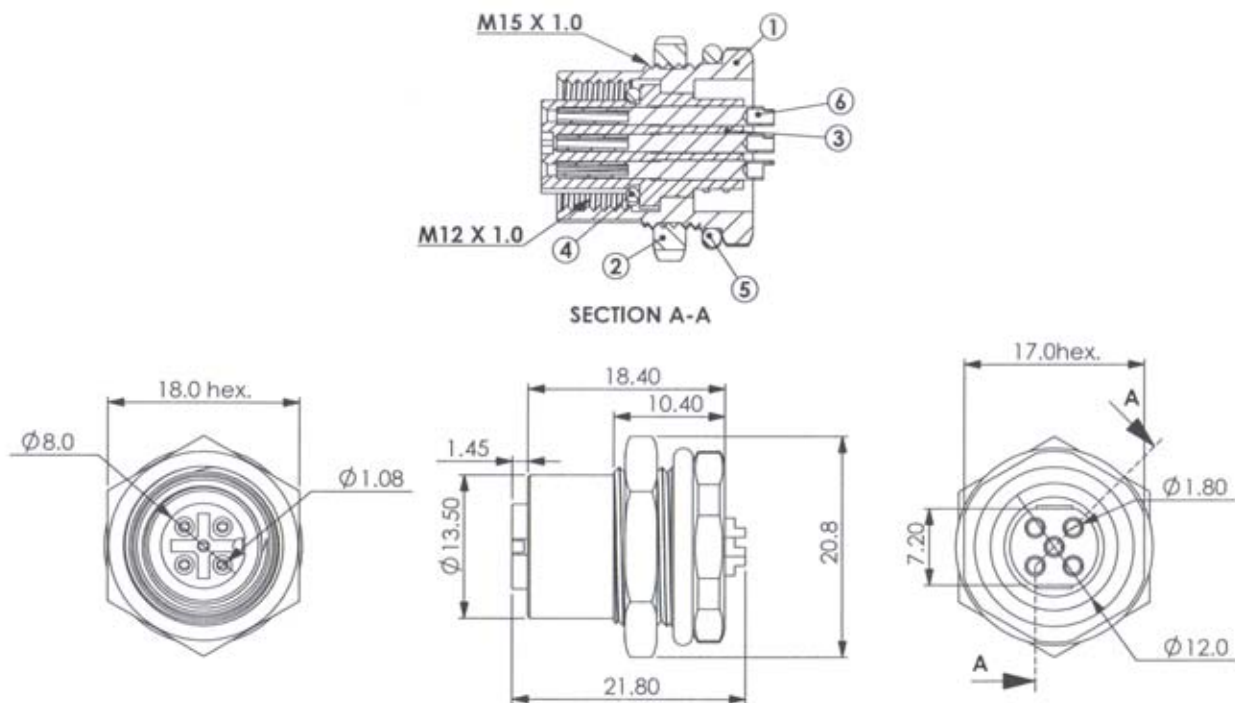
Terminals: Brass, Gold Plated

Screw Nut: Brass, Nickel Plated

JPF Ring: NBR

Rubber Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 05 P F

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"PF" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M12 8P FEMALE CONNECTOR PANEL REAR MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: PBT+GF15%

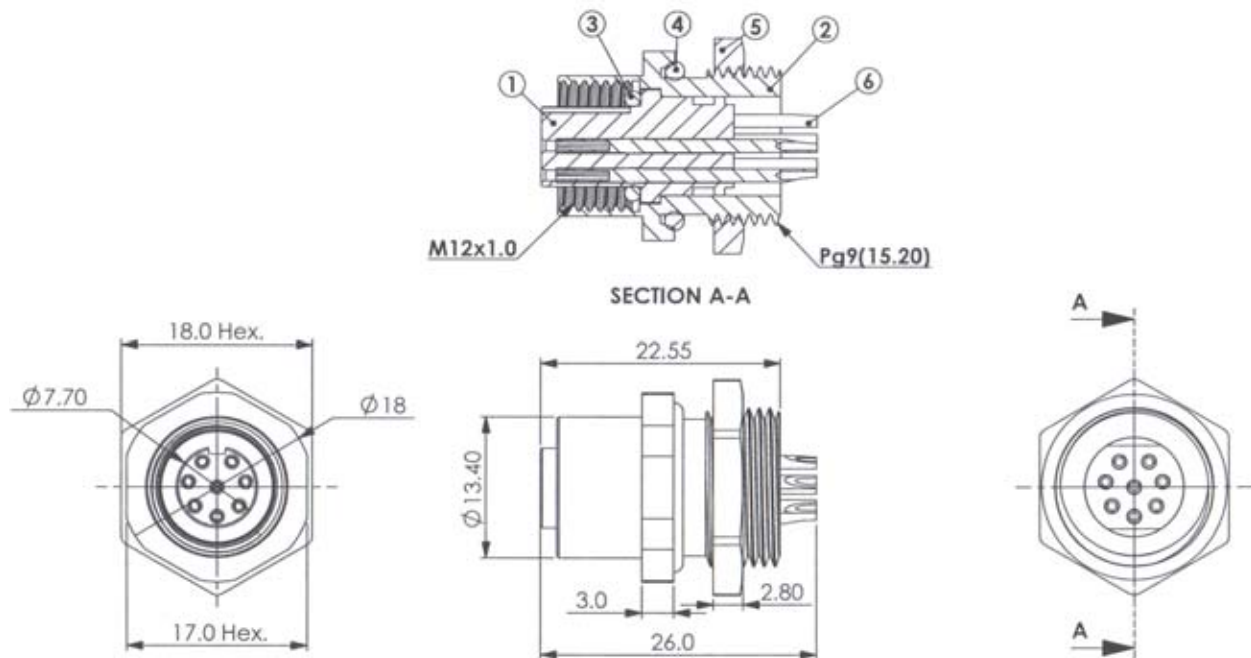
Shield Cover: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{12}{1}$ $\frac{F}{2}$ - $\frac{08}{3}$ $\frac{PR}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"PR" PANEL REAR MOUNT SOLDER TYPE

WATERPROOF M12 8P FEMALE CONNECTOR PANEL REAR MOUNT TYPE



SPECIFICATION:

1. Electrical Specification:

Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -40°C ~ 85°C

MATERIALS:

1. Material:

Housing: Thermoplastic UL94V-0; Color: Black

Contact: Copper Alloy

Shell: Copper Alloy

O-Ring: A: NBR; Color: Black

O-Ring: B: EPDM; Color: Black

Epoxy Base

Nut: Copper Alloy

2.Finish:

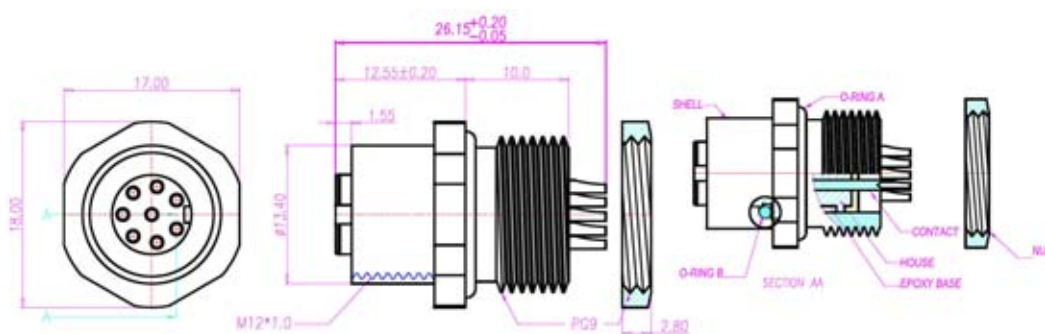
Contact: 10 Micro Inches Min. Gold Plated

Shell: See Table A

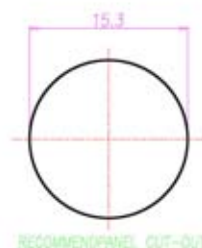
Nut: See Table A

***RoHS & REACH compliant.**

Unit: mm



P/N	SHELL	NUT
PB	BLACK NICKEL	BLACK NICKEL
PC	NICKEL 60u"~100u"	NICKEL 60u"~100u"



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ F - $\frac{0}{3}$ $\frac{8}{4}$ x x

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
08
4. SHELL & NUT FINISH:
"PB" BLACK PLATED SHELL & BLACK PLATED NUT
"PC" NICKEL PLATED SHELL & NICKEL PLATED NUT

WATERPROOF M12 12P FEMALE CONNECTOR PANEL FRONT MOUNT TYPE



SPECIFICATION:

1. Electrical Specification:

Rated Current: 1A

Rated Voltage: 30V

Water proof: IP67

2. Environmental:

Operating Temperature: -40°C ~ 85°C

MATERIALS:

1. Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

Shell: Brass

O-Ring: EPDM

2. Finish:

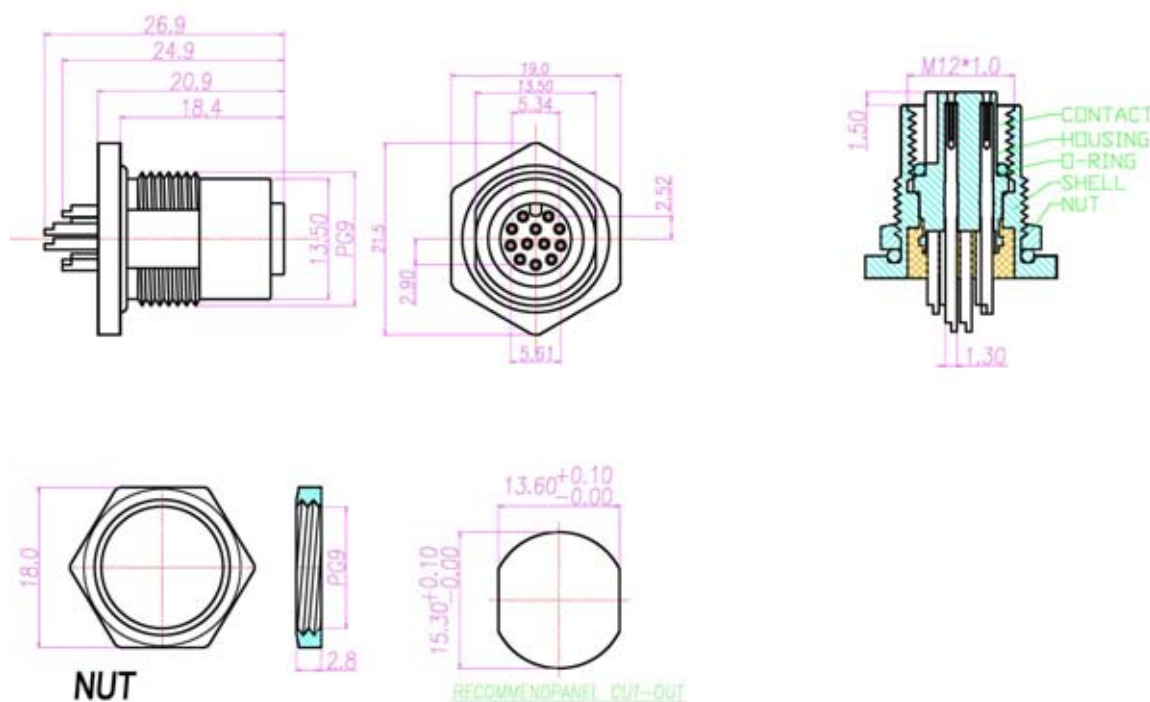
Contact: 10 Micro Inches Min. Gold Plated
Under Plate: Nickel

Nut: Nickel Plated

Shell: Nickel Plated

*RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{F}{3}$ - $\frac{1}{3}$ $\frac{2}{4}$ $\frac{PA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
12
4. APPLICABLE TYPE:
"PA" PANEL FRONT MOUNT TYPE

WATERPROOF M12 3P FEMALE CONNECTOR PANEL REAR MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: PBT+GF15%

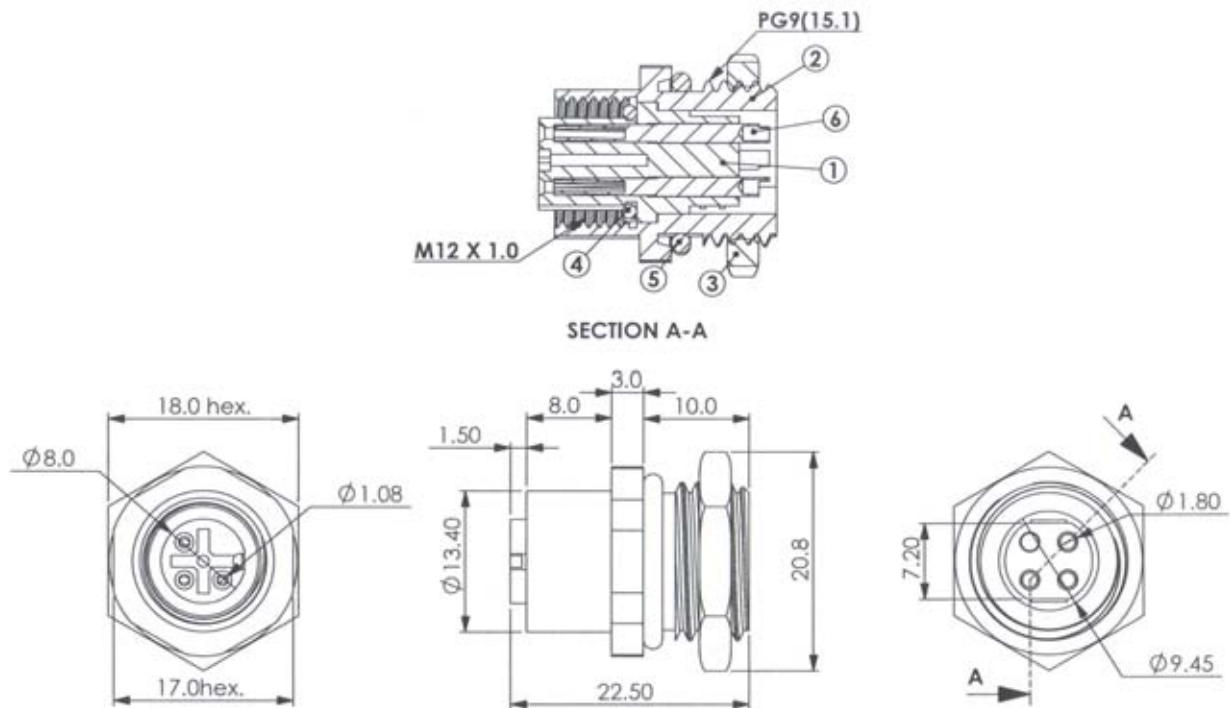
Shield Cover: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Screw Nut: Brass, Nickel Plated

Rubber Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 3 4

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12*1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

03

4. APPLICABLE TYPE:

"PR" PANEL REAR MOUNT SOLDER TYPE

WATERPROOF M12 4P FEMALE CONNECTOR PANEL REAR MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: PBT+GF15%

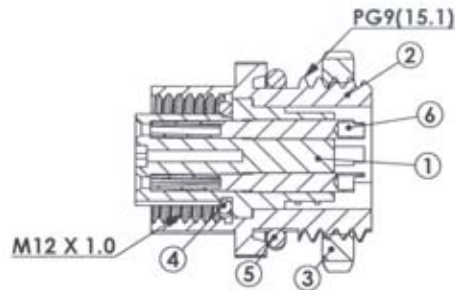
Shield Cover: Brass, Nickel Plated

Terminals: Brass, Gold Plated

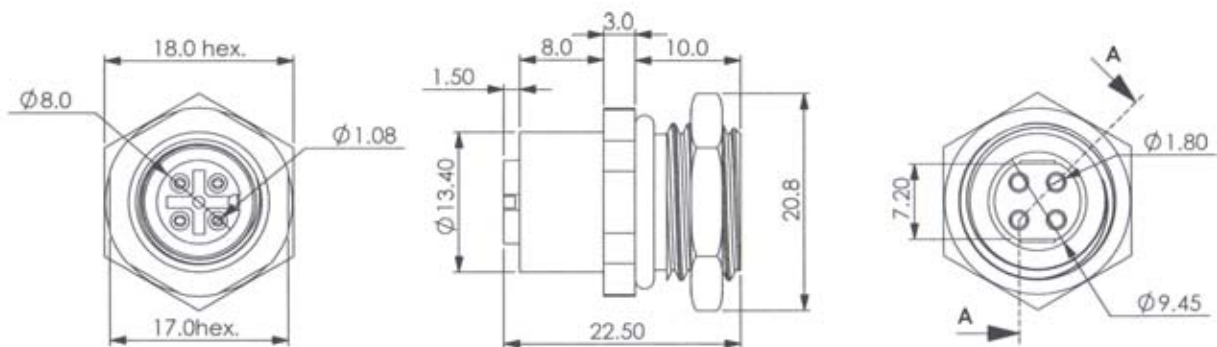
Screw Nut: Brass, Nickel Plated

Rubber Ring: NBR

Unit: mm



SECTION A-A



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 04 PR

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PR" PANEL REAR MOUNT SOLDER TYPE

WATERPROOF M12 D-CODED 4P 4A RATED FEMALE CONNECTOR FRONT PANEL MOUNT SOLDER TYPE

SPECIFICATION

Waterproof Rate: IP68

Recommend Panel Thickness: 0.8~5.0mm

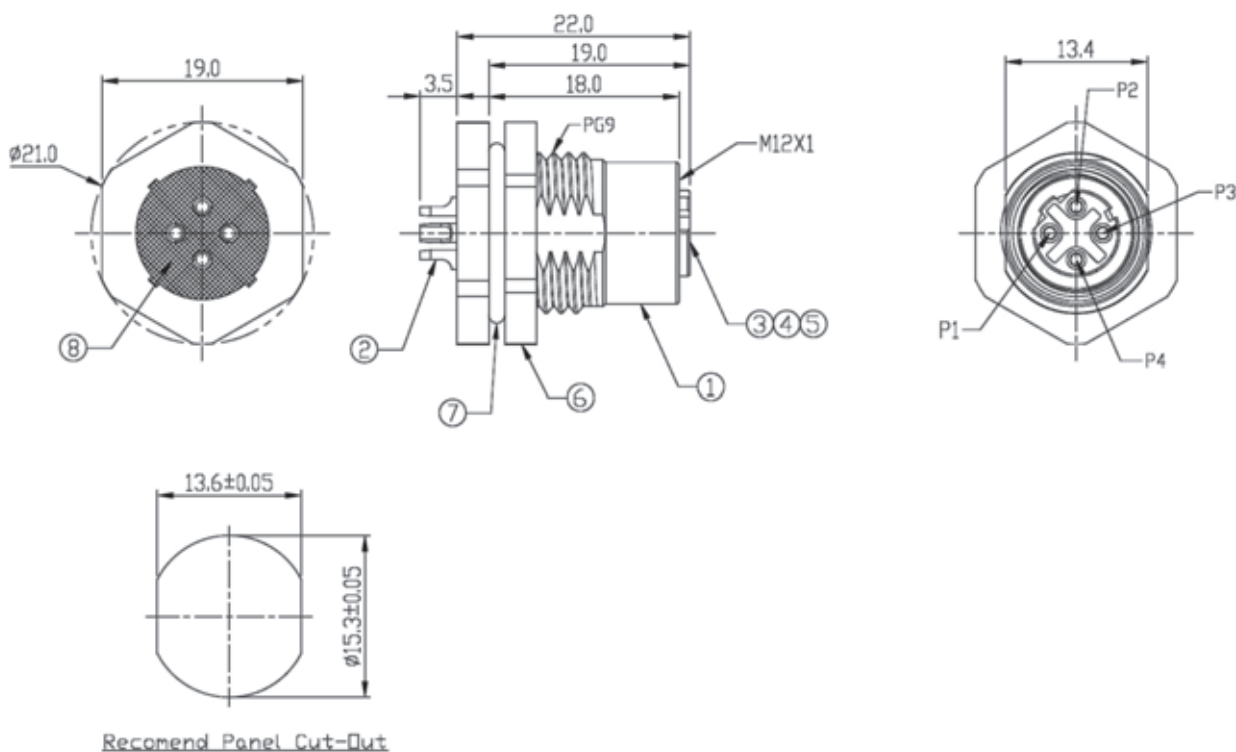
DWV: 1400 Vrms

Rated Voltage: 250V AC/DC

Insulation Resistance: 100MΩ Min.

Durability: 100 Cycles Min.

*** RoHS & REACH compliant.**



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ $\frac{12}{F}$ - $\frac{04}{3}$ $\frac{P}{4}$ $\frac{G}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PG" FRONT PANEL MOUNT SOLDER TYPE

WATERPROOF M12 D-CODED 4P 4A RATED FEMALE CONNECTOR REAR PANEL MOUNT SOLDER TYPE

SPECIFICATION

Waterproof Rate: IP68

Recommend Panel Thickness: 0.8~3.0mm

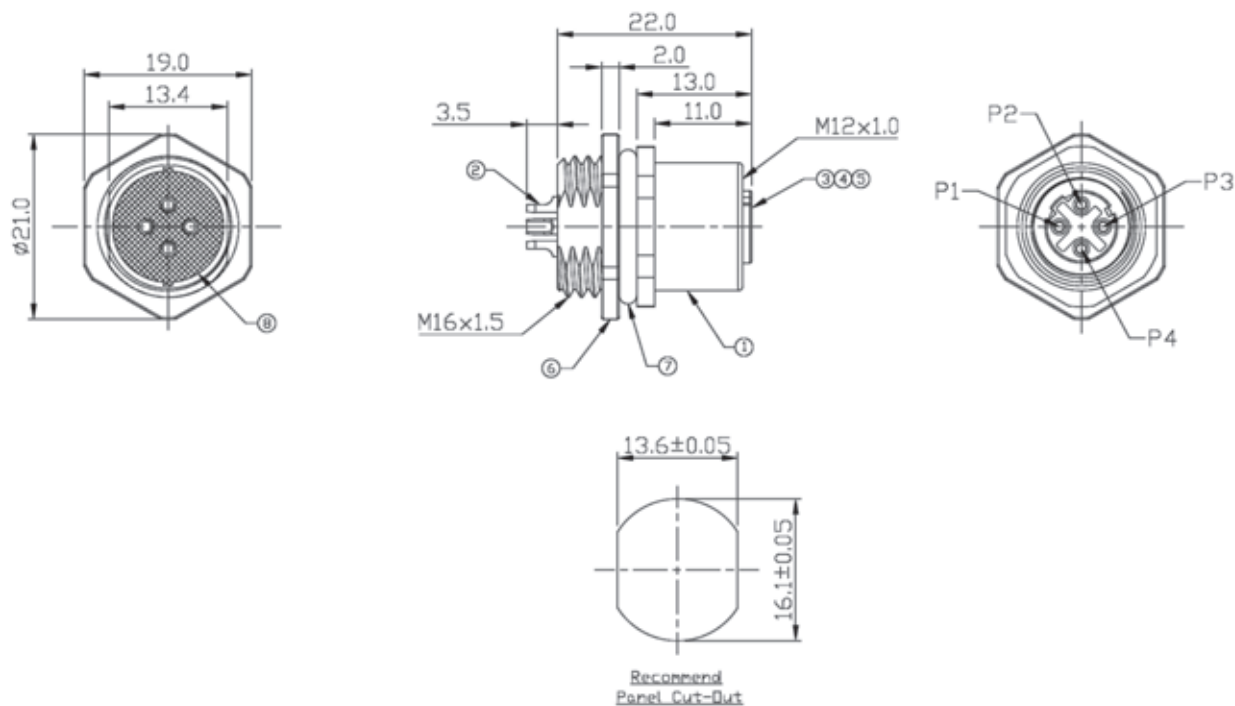
DWV: 1400 Vrms

Rated Voltage: 250V AC/DC

Insulation Resistance: 100MΩ Min.

Durability: 100 Cycles Min.

*** RoHS & REACH compliant.**



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 04 PT

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PT" REAR PANEL MOUNT SOLDER TYPE

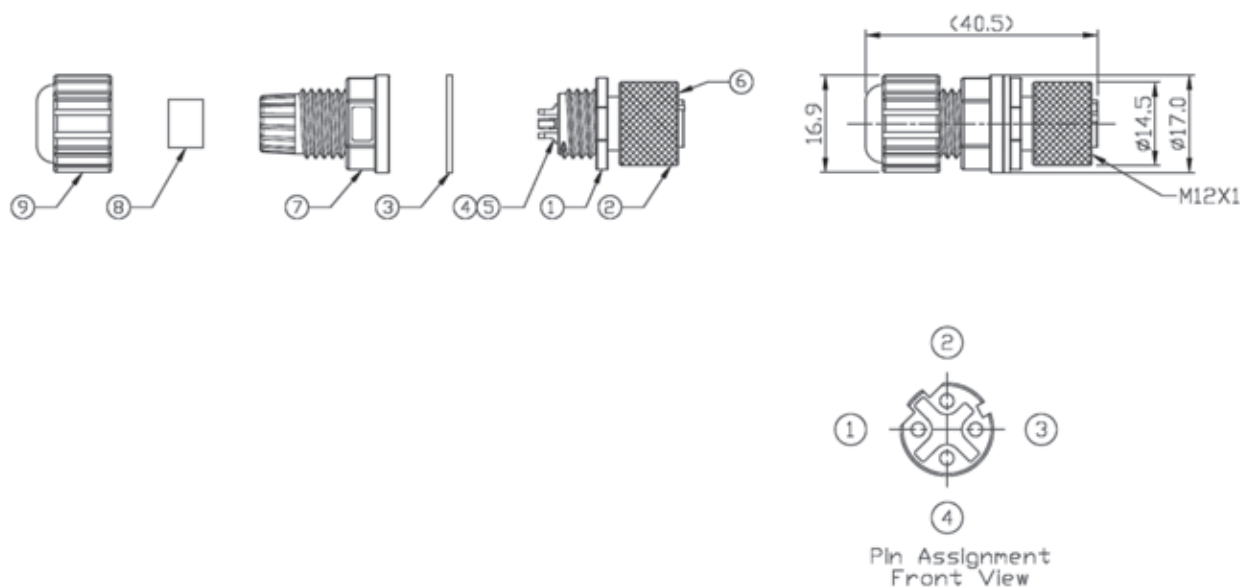
WATERPROOF M12 D-CODED 4P 4A RATED FEMALE CONNECTOR CABLE ASSEMBLY TYPE

SPECIFICATION

Waterproof Rate: IP68

Cable Diameter: 4.0~6.5mm

* RoHS & REACH compliant.



ORDERING INFORMATION:

P/N W P C 1 2 F - 04 AB

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"AB" FIELD INSTALLABLE CABLE SOLDER TYPE

WATERPROOF M12 5P FEMALE CONNECTOR PANEL REAR MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic

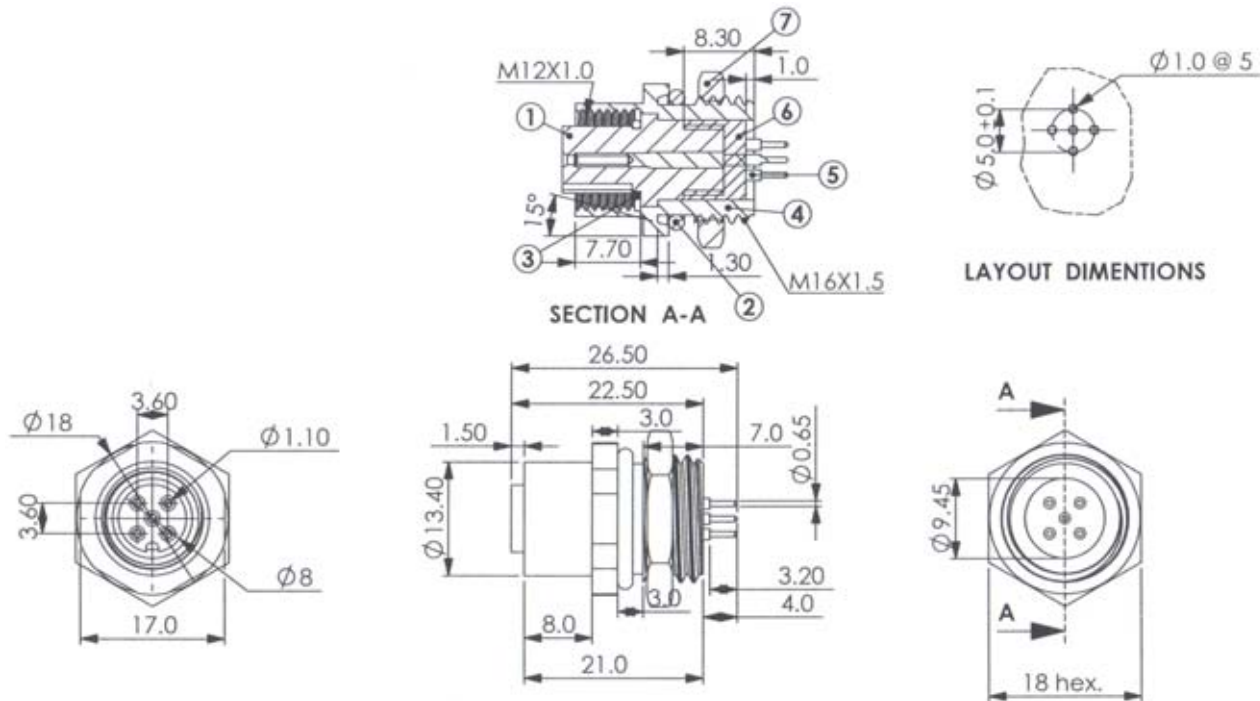
Shield Cover: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Screw Nut: Brass, Nickel Plated

Rubber Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{12}{1}$ $\frac{F}{2}$ - $\frac{05}{3}$ $\frac{PR}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"PR" PANEL REAR MOUNT DIP TYPE

WATERPROOF M12 8P FEMALE CONNECTOR PANEL FRONT MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: PBT+GF15%

Shield Cover: Brass, Nickel Plated

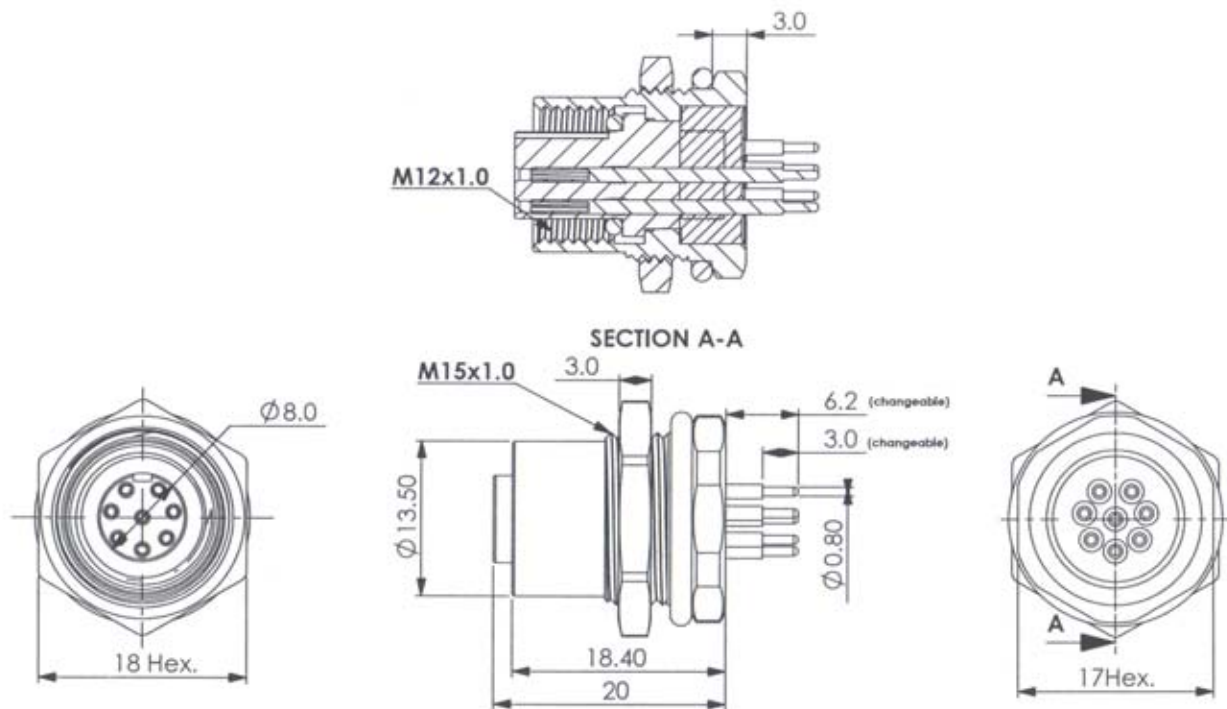
Terminals: Brass, Gold Plated

Screw Nut: Brass, Nickel Plated

JPF Ring: NBR

Rubber Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{F}{3}$ - $\frac{08}{4}$ $\frac{PF}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"PF" PANEL FRONT MOUNT DIP TYPE

WATERPROOF M12 4P+5P FEMALE CONNECTOR PCB MOUNT DIP TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000 Megaohms min.

Dielectric Strength: 500V AC min.

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

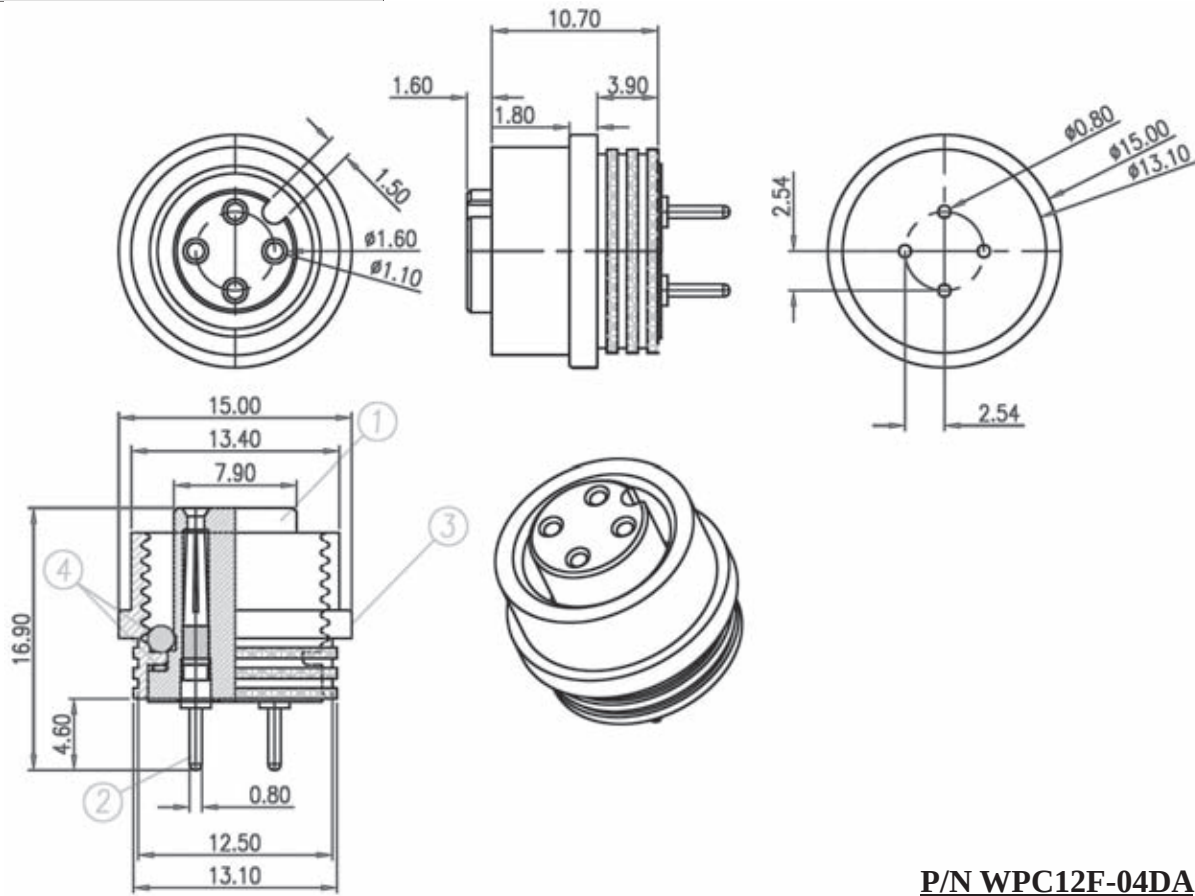
MATERIALS

Housing: Thermoplastic, UL 94V-0

Contact: Brass; Contact plated 10u" Gold

Shell: Brass; Nickel 100u"

Unit: mm



P/N WPC12F-04DA

ORDERING INFORMATION:

P/N W P C 1 2 3 4 F - 04 D A

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04, 05
4. APPLICABLE TYPE:
"DA" PCB MOUNT DIP TYPE

WATERPROOF M12 4P FEMALE CONNECTOR STRAIGHT DIP TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

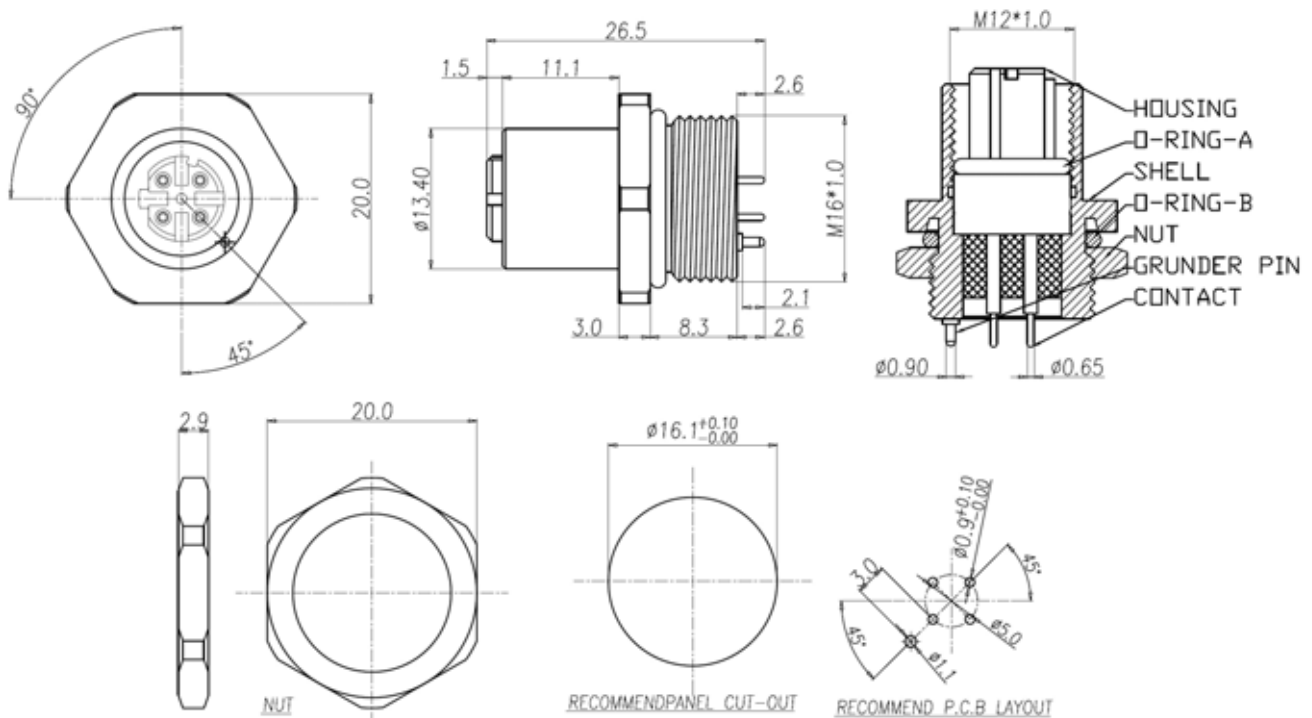
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 F - 0 4 D B

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"DB" STRAIGHT DIP TYPE

WATERPROOF M12 4P FEMALE CONNECTOR D-CODED TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000 Megaohms min.

Dielectric Strength: 500V AC min.

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

MATERIALS

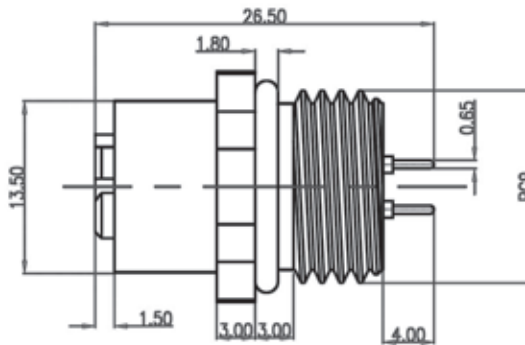
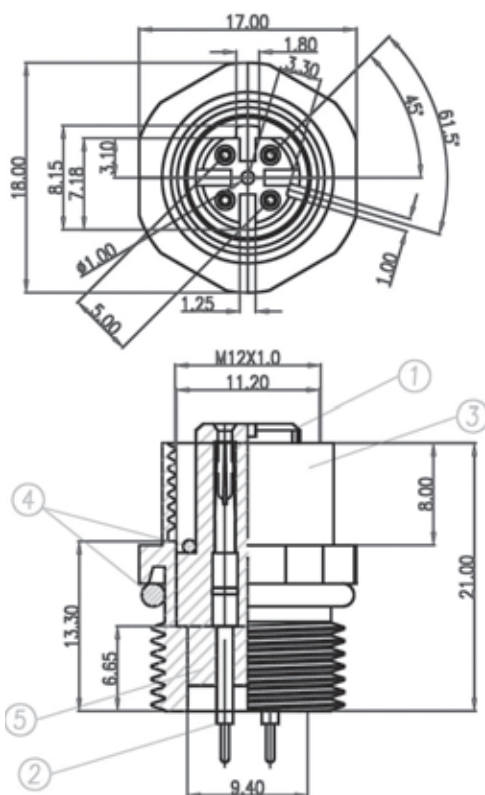
Housing: Thermoplastic, UL 94V-0

Contact: Brass

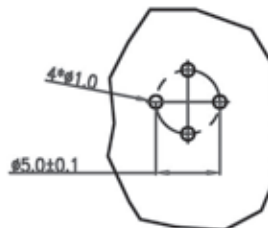
Shell: Brass; Nickel 100u"

O-Ring: NBR

Unit: mm



P/N WPC12F-04DCxx



ORDERING INFORMATION:

P/N W P C 1 2 F - 0 4 D C x x

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. CONTACT FINISH:
"DC05" 5 MICROINCH GOLD PLATED
"DC30" 30 MICROINCH GOLD PLATED

WATERPROOF M12 4P FEMALE CONNECTOR STRAIGHT DIP TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

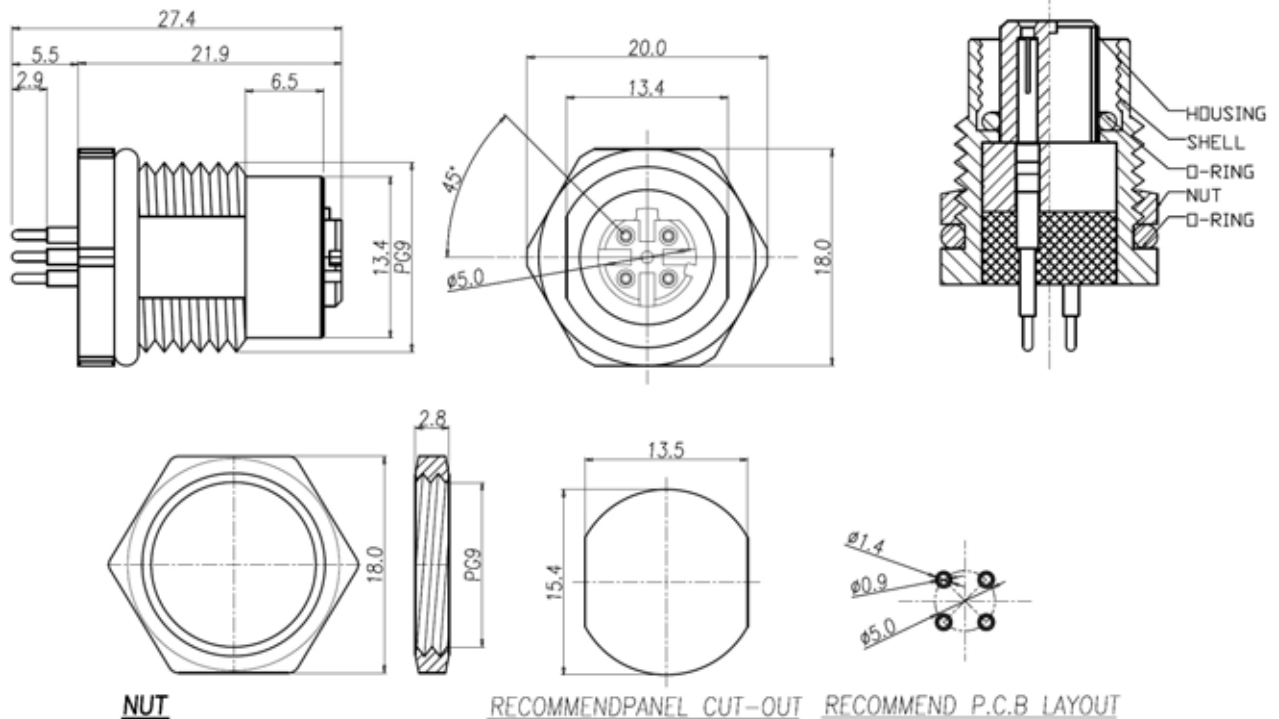
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm

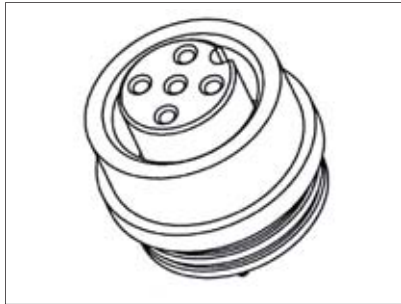


ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 04 D F

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"DF" STRAIGHT DIP TYPE

WATERPROOF M12 5P FEMALE CONNECTOR PCB MOUNT DIP TYPE



SPECIFICATIONS

Current: 5A

Operation Temperature: -20°C to 85°C

Voltage: 125V

Waterproof Test: IPX8 Rated

* RoHS & REACH compliant.

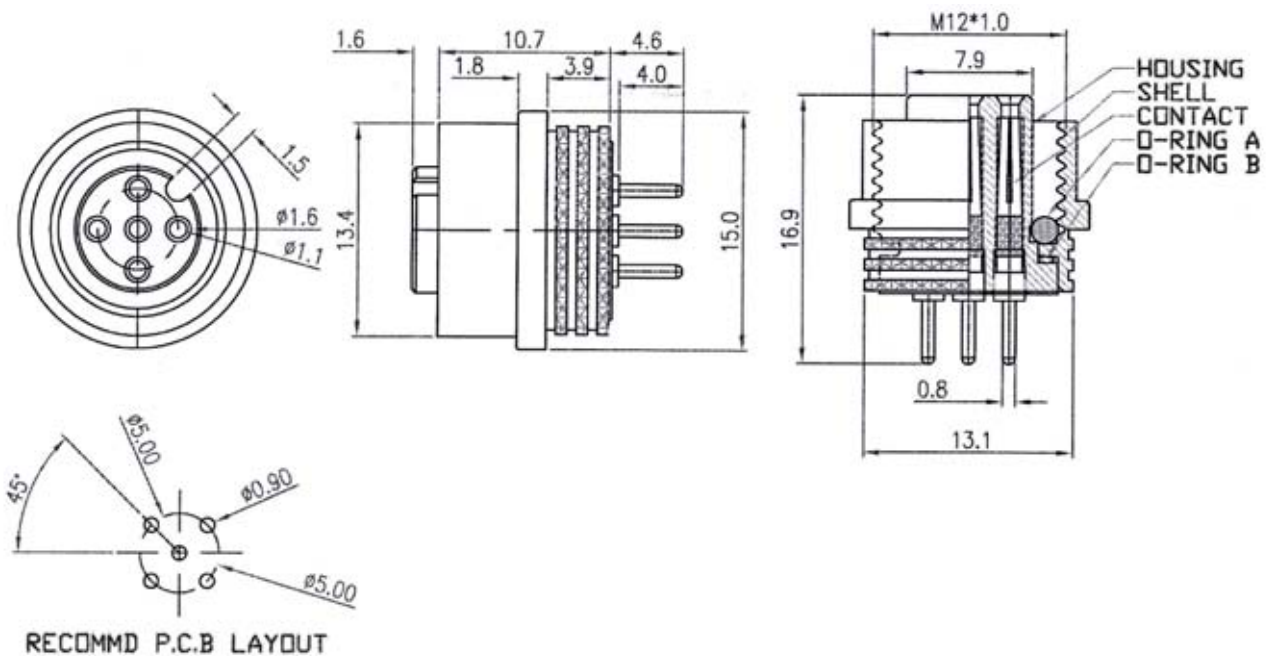
MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

Shell: Brass; Nickel Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 3 4 12 F - 05 DA

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"DA" PCB MOUNT DIP TYPE

WATERPROOF M12 5P FEMALE CONNECTOR B-CODED TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000 Megaohms min.

Dielectric Strength: 500V AC min.

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

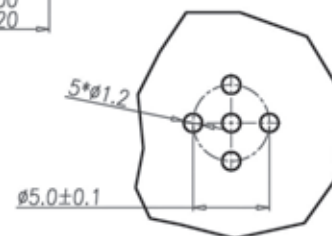
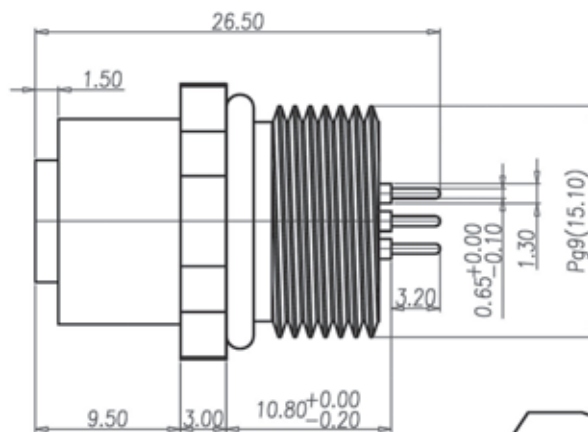
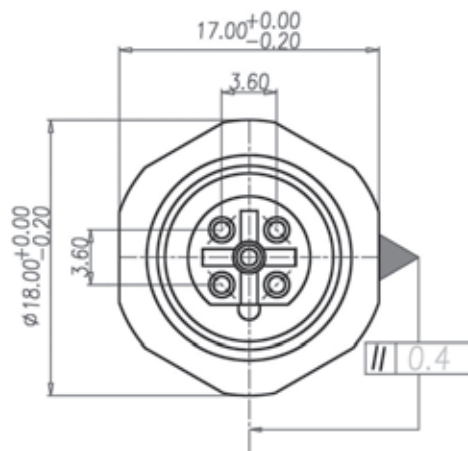
MATERIALS

Housing: Thermoplastic, UL 94V-0

Contact: Brass; Contact plated 10u" Gold

Shell: Brass; Nickel 100u"

Unit: mm



P/N WPC12F-05DG

Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N W P C 1 2 F - 0 5 D G

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"DG" B-CODED TYPE WITH INTERNAL THREAD

WATERPROOF M12 7P FEMALE CONNECTOR PANEL MOUNT DIP TYPE



SPECIFICATION:

1.Electrical Specification:

Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Shell: Brass

Nut: Brass

O-Ring 1: EPDM; Color: Black

O-Ring 2: NBR; Color: Black

2.Finish:

Contact: 10 Micro Inches Min. Gold Plated

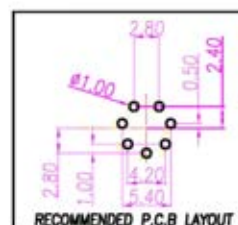
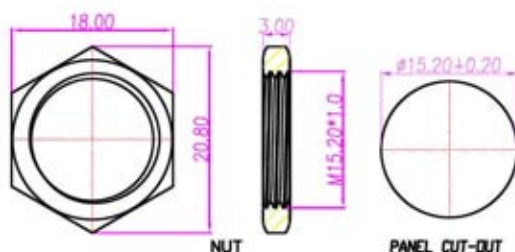
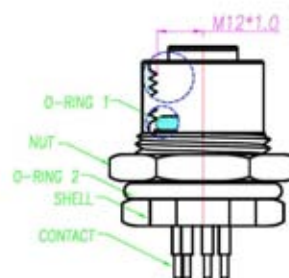
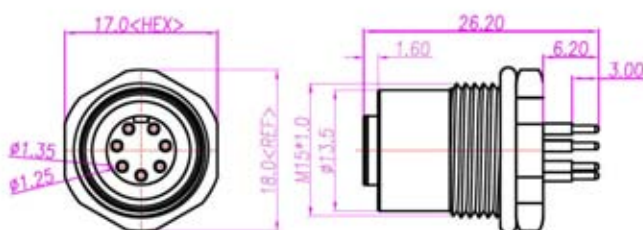
Under Plate: Nickel

Shell: Nickel Plated

Nut: Nickel Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{F}{3}$ - $\frac{0}{3}$ $\frac{7}{4}$ $\frac{DA}{4}$

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

07

4. APPLICABLE TYPE:

"DA" PANEL MOUNT DIP TYPE

WATERPROOF M12 4P FEMALE CONNECTOR RIGHT ANGLE DIP TYPE

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring: EPDM; Color: Black

Back Housing: PBT UL94V-0; Color: Black

Down Housing: PBT UL94V-0; Color: Black

2.Finish:

Contact: Gold Flash On Over All

Under Plate: Nickel

Shell: Stain Nickel 80u"~100u" On Over All

***RoHS & REACH compliant.**

Unit: mm

SPECIFICATION:

1.Electrical Specification:

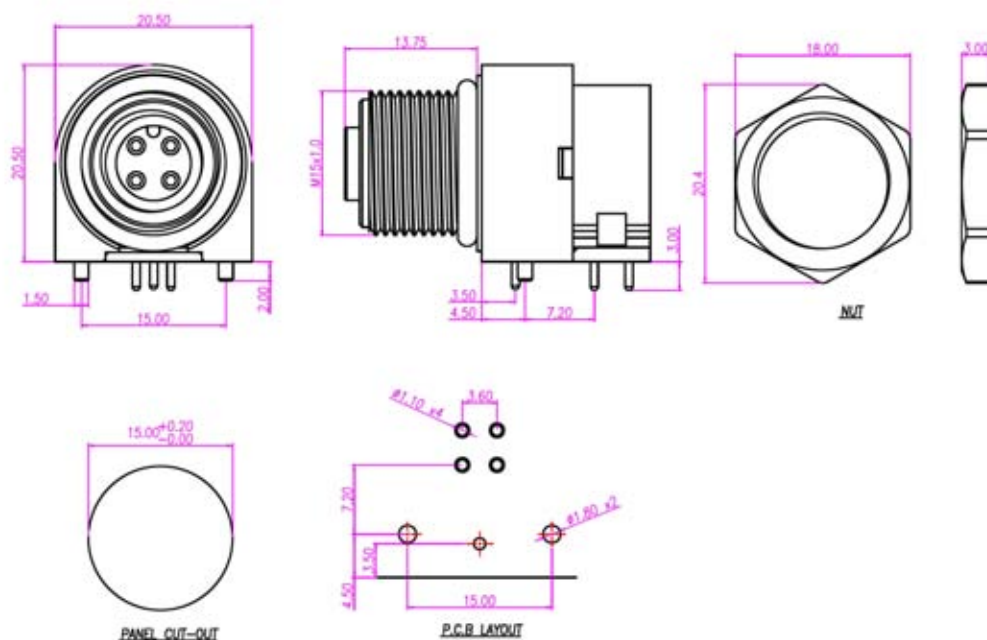
Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -40°C ~ 85°C



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 04 D R

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"DR" RIGHT ANGLE PCB MOUNT TYPE

WATERPROOF M12 5P FEMALE CONNECTOR RIGHT ANGLE DIP TYPE

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring: EPDM; Color: Black

Back Housing: PBT UL94V-0; Color: Black

Down Housing: PBT UL94V-0; Color: Black

2.Finish:

Contact: Gold Flash On Over All

Under Plate: Nickel

Shell: Stain Nickel 80u"~100u" On Over All

***RoHS & REACH compliant.**

Unit: mm

SPECIFICATION:

1.Electrical Specification:

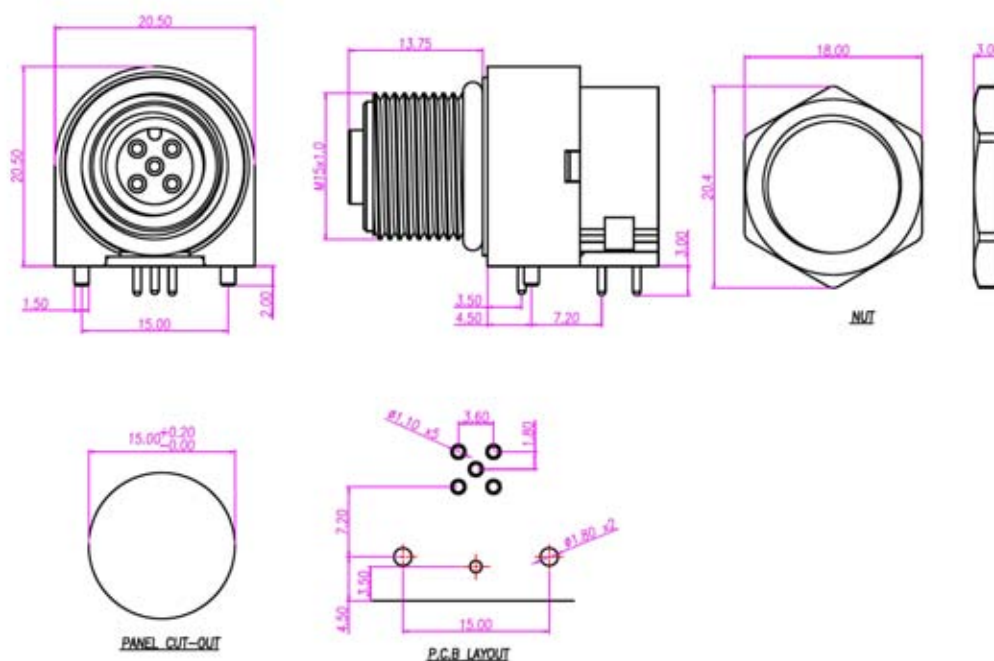
Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -40°C ~ 85°C



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ F - 05 D R

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

05

4. APPLICABLE TYPE:

"DR" RIGHT ANGLE PCB MOUNT TYPE

WATERPROOF M12 8P FEMALE CONNECTOR RIGHT ANGLE DIP TYPE

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring: NBR; Color: Black

Back Housing: PBT UL94V-0; Color: Black

Down Housing: PBT UL94V-0; Color: Black

2.Finish:

Contact: Gold Flash On Over All

Under Plate: Nickel

Shell: Stain Nickel 80u"~100u" On Over All

***RoHS & REACH compliant.**

Unit: mm

SPECIFICATION:

1.Electrical Specification:

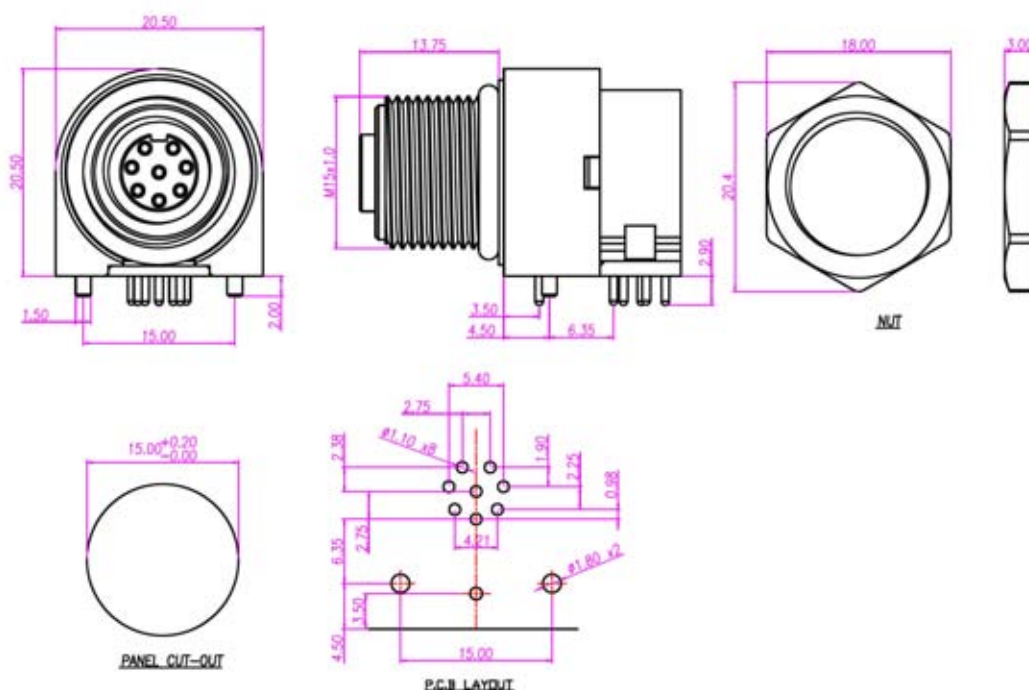
Rated Current: 3A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -40°C ~ 85°C



ORDERING INFORMATION:

P/N W P C $\frac{12}{1} \frac{F}{2} - \frac{08}{3} \frac{DR}{4}$

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

08

4. APPLICABLE TYPE:

"DR" RIGHT ANGLE PCB MOUNT TYPE

WATERPROOF M12 D-CODED 4P 4A RATED FEMALE CONNECTOR RIGHT ANGLE DIP TYPE

SPECIFICATION

Waterproof Rate: IP68

Recommend Panel Thickness: 0.8~5.0mm

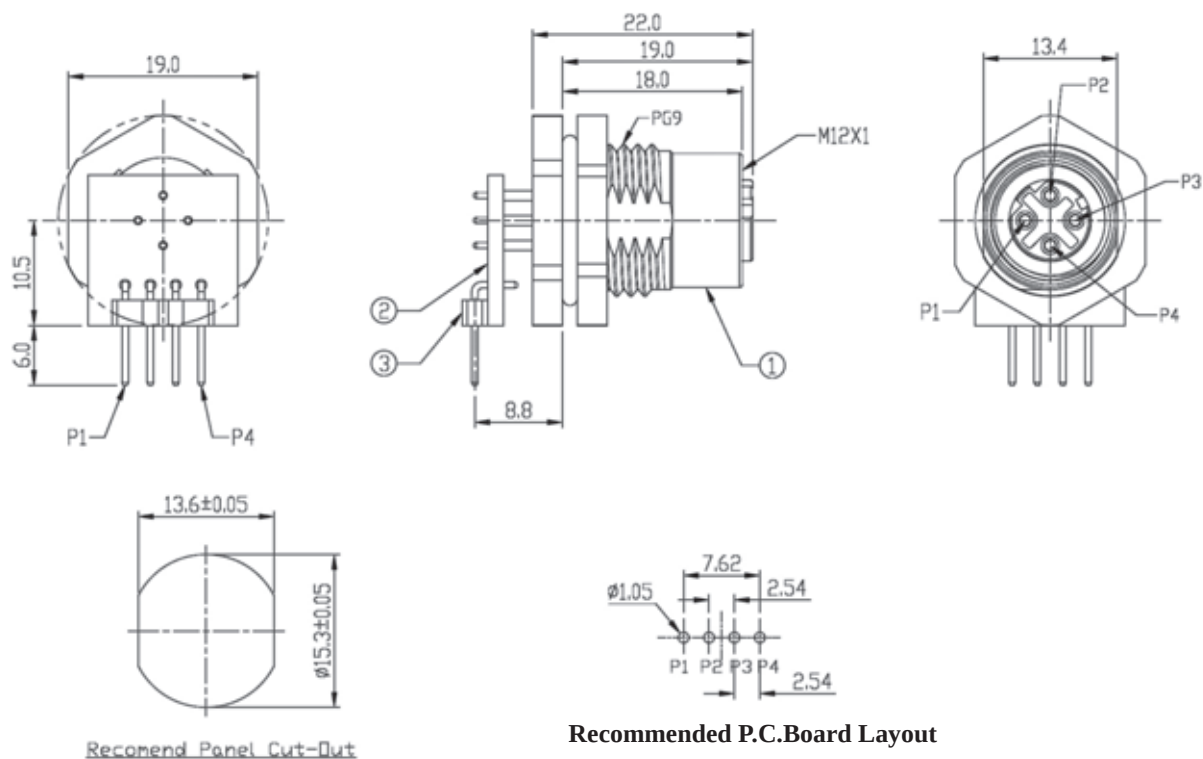
DWV: 1400 Vrms

Rated Voltage: 250V AC/DC

Insulation Resistance: 100MΩ Min.

Durability: 100 Cycles Min.

*** RoHS & REACH compliant.**



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ F - $\frac{0}{3}$ 4 D L

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"DL" RIGHT ANGLE PCB MOUNT TYPE

WATERPROOF M12 D-CODED 4P 4A RATED FEMALE CONNECTOR REAR PANEL MOUNT SOLDER TYPE

SPECIFICATION

Waterproof Rate: IP68

Recommend Panel Thickness: 0.8~5.0mm

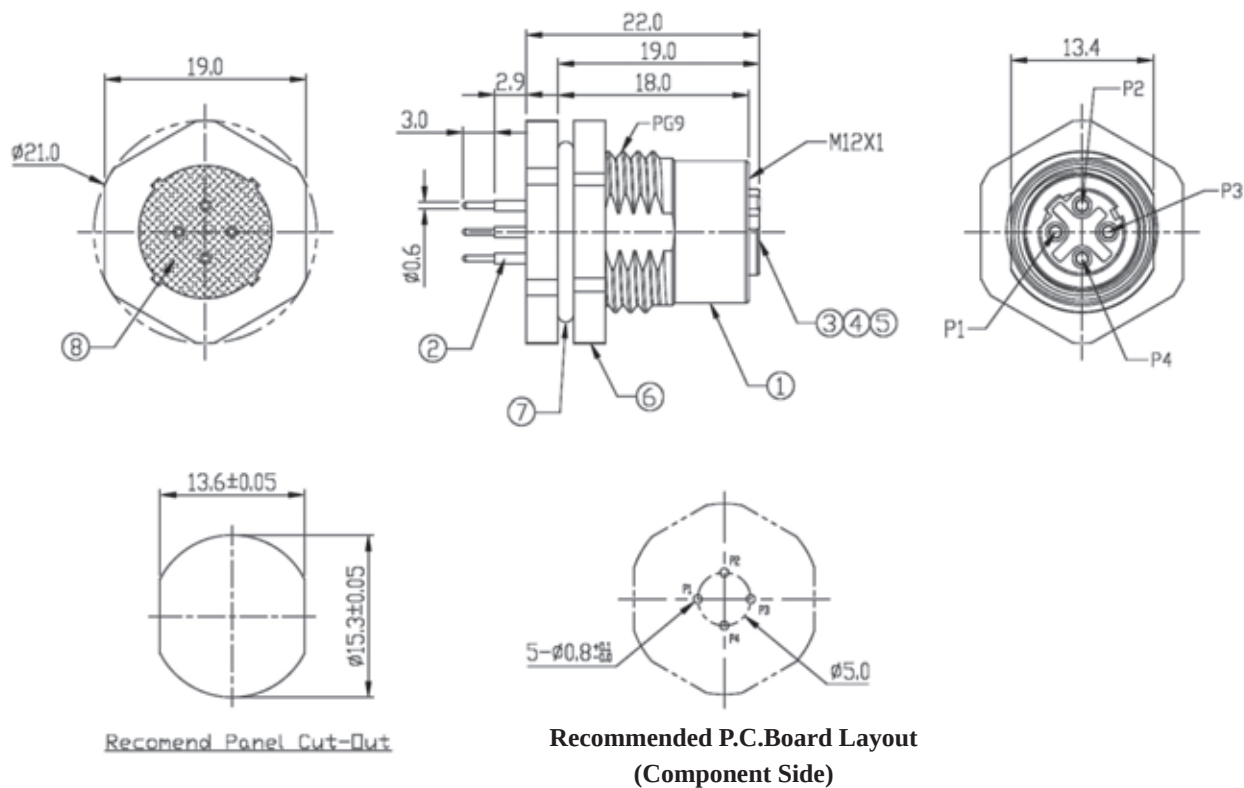
DWV: 1400 Vrms

Rated Voltage: 250V AC/DC

Insulation Resistance: 100MΩ Min.

Durability: 100 Cycles Min.

*** RoHS & REACH compliant.**



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ F - $\frac{0}{3}$ 4 D T

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"DT" REAR PANEL MOUNT SOLDER TYPE

WATERPROOF M12 2P~5P MALE CONNECTOR ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

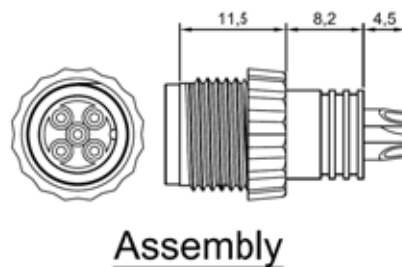
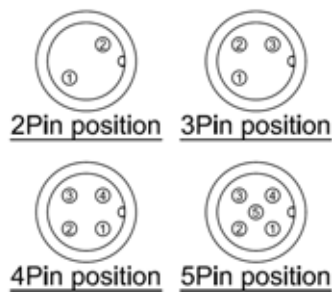
PA Lock: PA66+25%GF, Black

Current Rating: 3A

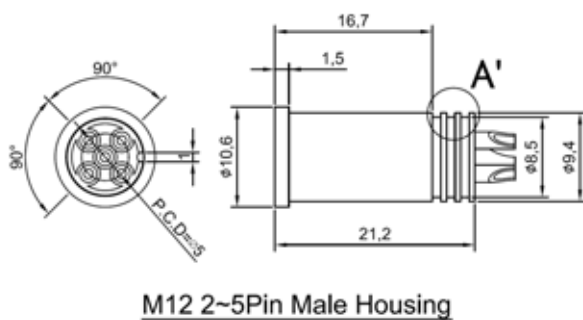
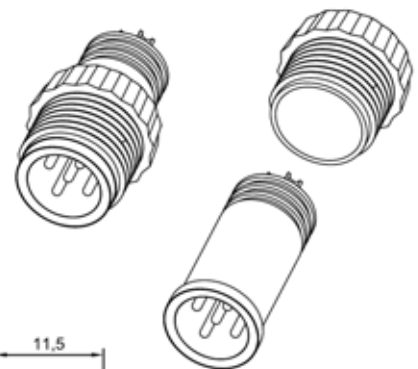
Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

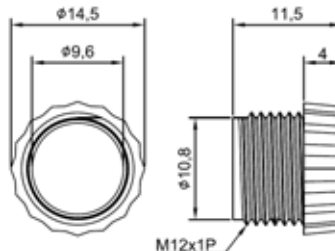
Unit: mm



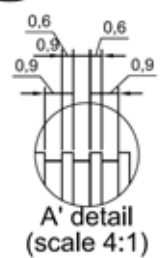
Assembly



M12 2~5Pin Male Housing



Male Lock



**A' detail
(scale 4:1)**

ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{AP}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02, 03, 04, 05
4. APPLICABLE TYPE:
"AP" CABLE ASSEMBLY TYPE

WATERPROOF M12 6P~8P MALE CONNECTOR ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

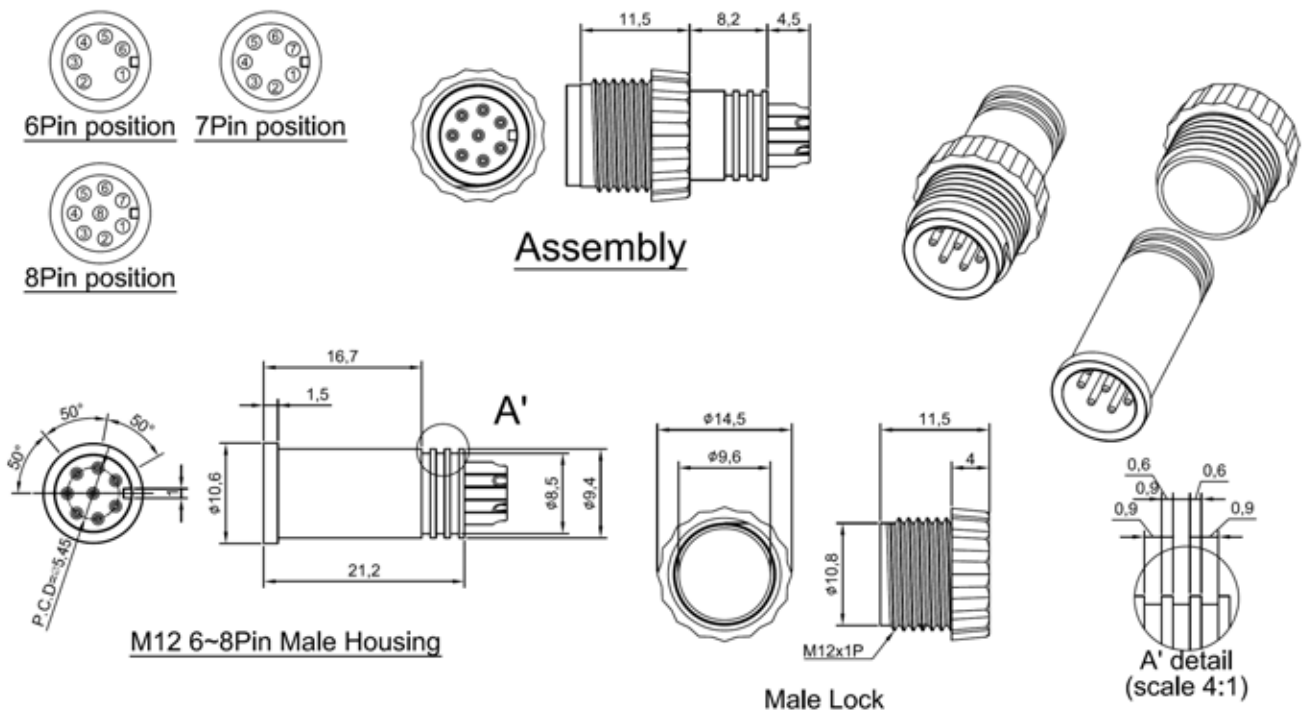
PA Lock: PA66+25%GF, Black

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ $\frac{M}{3}$ - $\frac{x}{4}$ $\frac{AP}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06, 07, 08
4. APPLICABLE TYPE:
"AP" CABLE ASSEMBLY TYPE

WATERPROOF M12 2P~5P MALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Brass Lock: Brass, Nickel plated

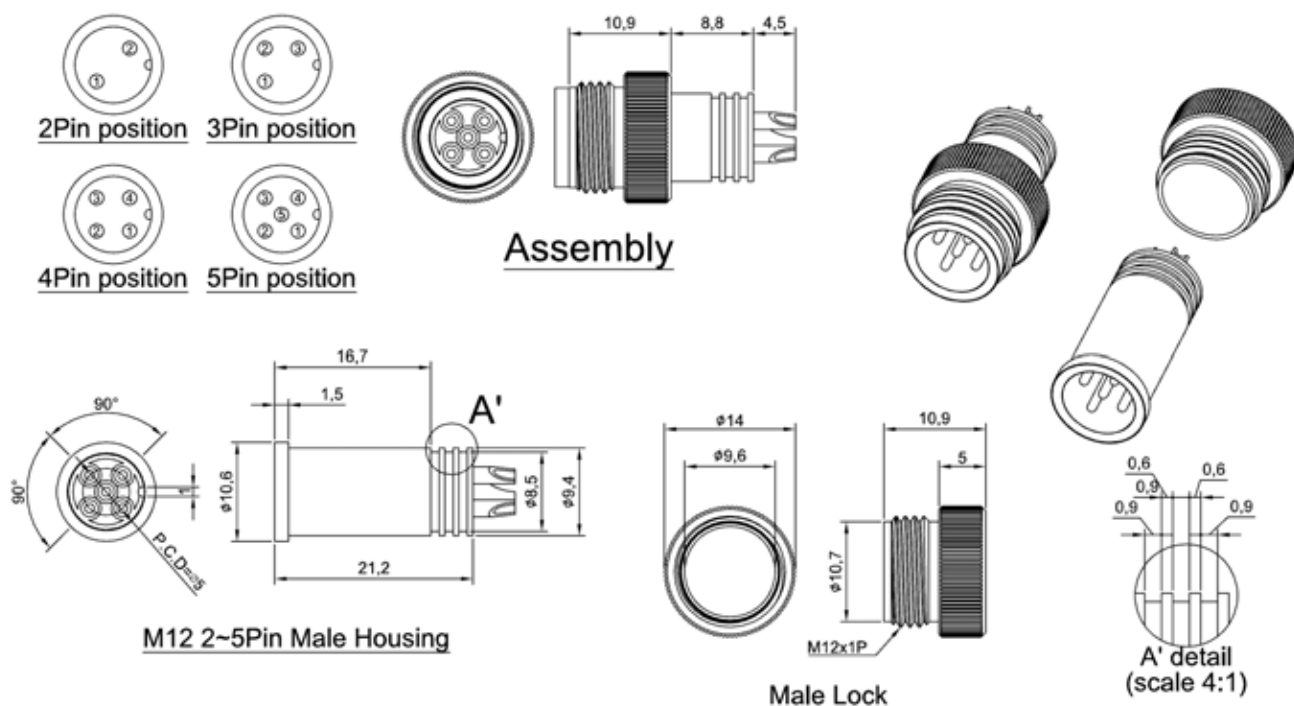
Ring: Sillica Gel, Orange

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ M - x x $\frac{1}{2}$ $\frac{1}{2}$ AM

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02, 03, 04, 05
4. APPLICABLE TYPE:
"AM" CABLE ASSEMBLY TYPE

WATERPROOF M12 6P~8P MALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Brass Lock: Brass, Nickel plated

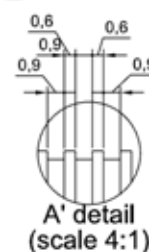
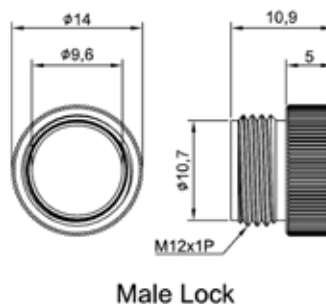
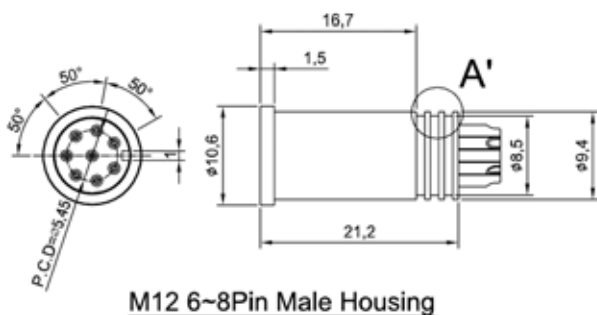
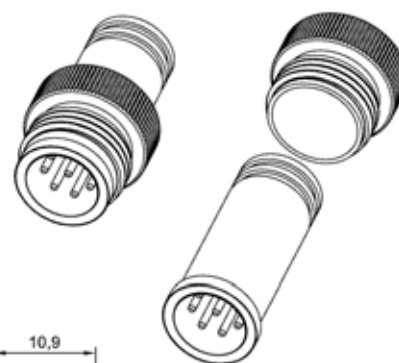
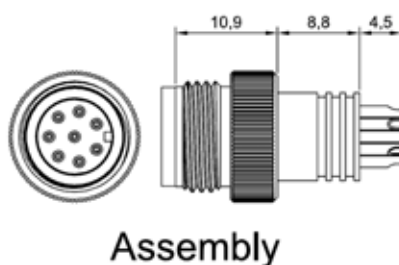
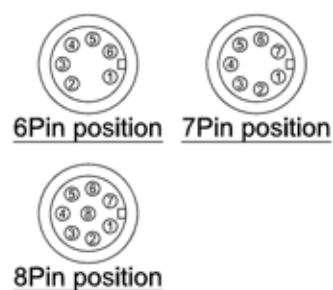
Ring: Sillica Gel, Orange

Current Rating: 2A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{A}{4}$ M

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06, 07, 08
4. APPLICABLE TYPE:
"AM" CABLE ASSEMBLY TYPE

WATERPROOF M12 2P~5P MALE CONNECTOR ALL PLASTIC FRONT PANEL MOUNT ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

PA Lock: PA66+25%GF, Black

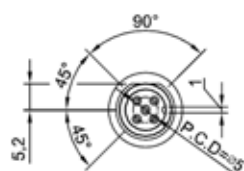
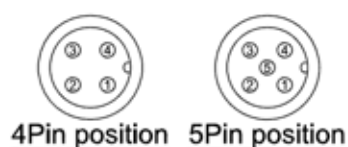
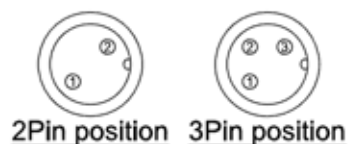
Ring: NBR, Black

Current Rating: 3A

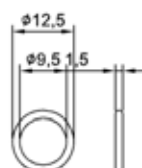
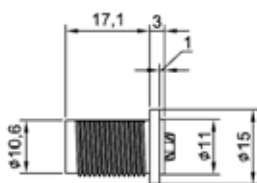
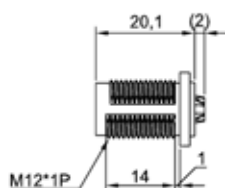
Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

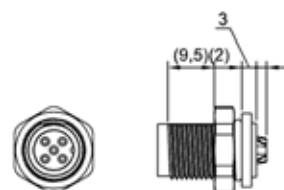
Unit: mm



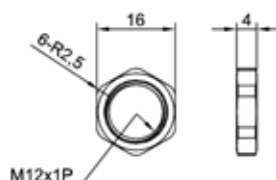
M12 2~5Pin Male Housing



Ring



Assembly



PA Nut

ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{P}{4}$ $\frac{P}{4}$

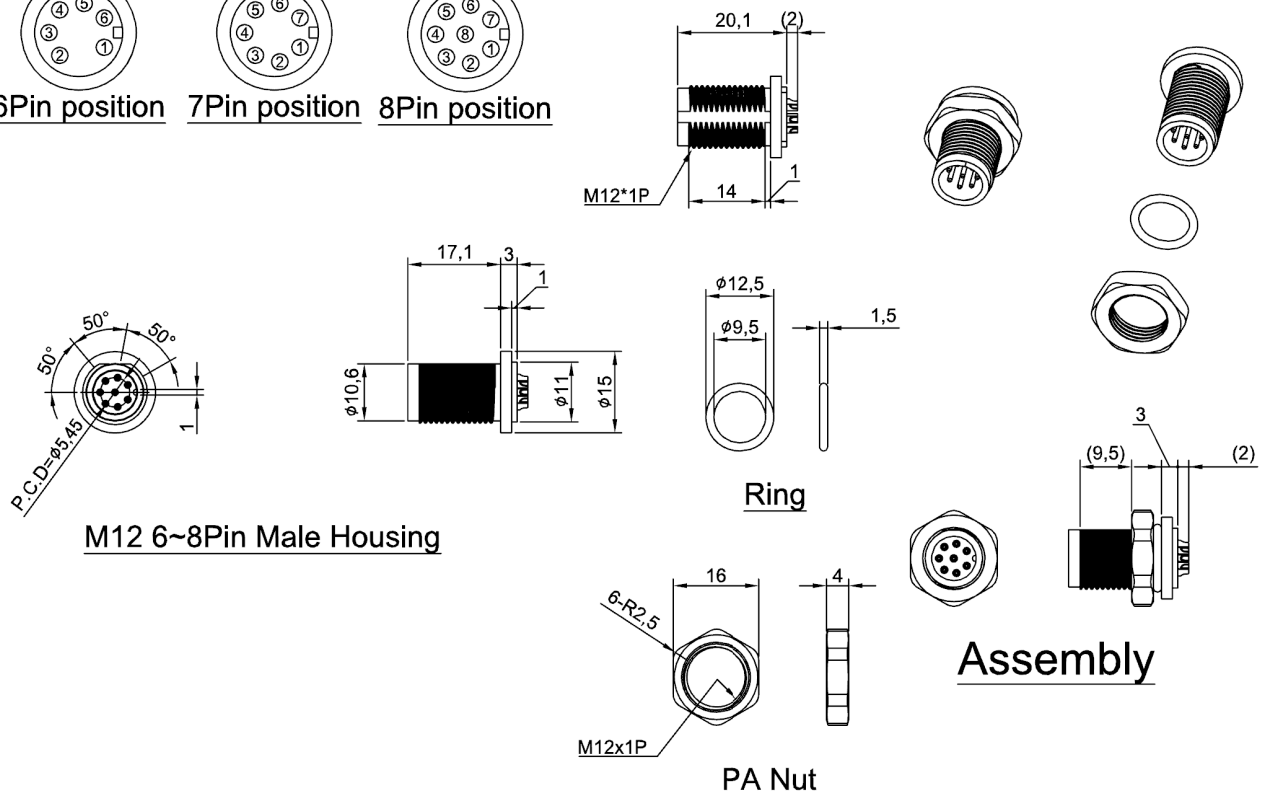
1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02, 03, 04, 05
4. APPLICABLE TYPE:
"PP" FRONT PANEL MOUNT ASSEMBLY TYPE

WATERPROOF M12 6P~8P MALE CONNECTOR ALL PLASTIC FRONT PANEL MOUNT ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch
Connector body: PA66+25%GF, Black
PA Lock: PA66+25%GF, Black
Ring: NBR, Black
Current Rating: 3A
Waterproof Rating: IP67 and IP68
*** RoHS & REACH compliant.**
Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{PP}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06, 07, 08
4. APPLICABLE TYPE:
"PP" FRONT PANEL MOUNT ASSEMBLY TYPE

WATERPROOF M12 2P~5P MALE CONNECTOR FRONT PANEL MOUNT ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Shell: Brass, Nickel plated

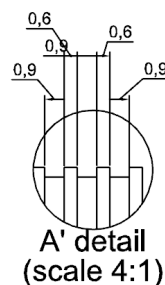
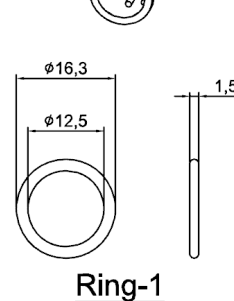
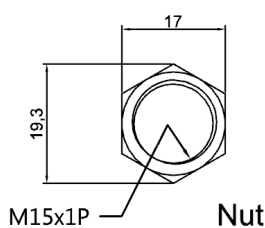
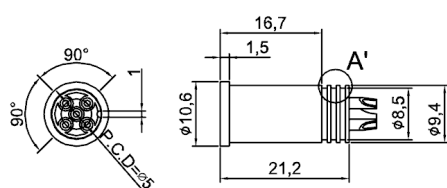
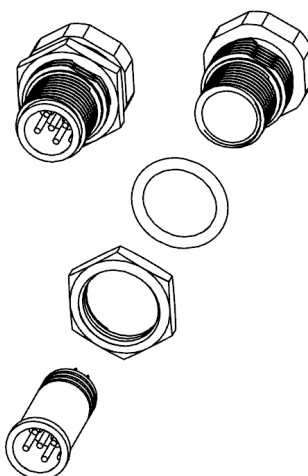
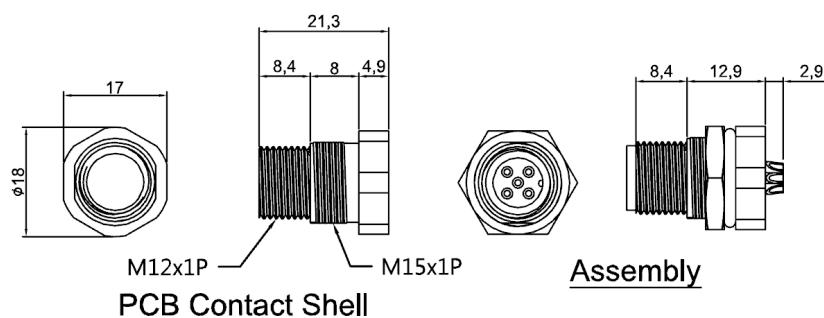
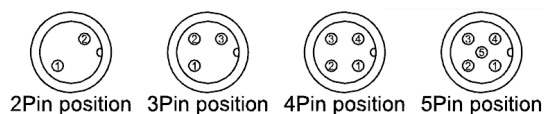
Ring: NBR, Black

Current Rating: 3A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ $\frac{12}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{PM}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02, 03, 04, 05
4. APPLICABLE TYPE:
"PM" FRONT PANEL MOUNT ASSEMBLY TYPE

WATERPROOF M12 6P~8P MALE CONNECTOR FRONT PANEL MOUNT ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Shell: Brass, Nickel plated

Ring: NBR, Black

Current Rating: 3A

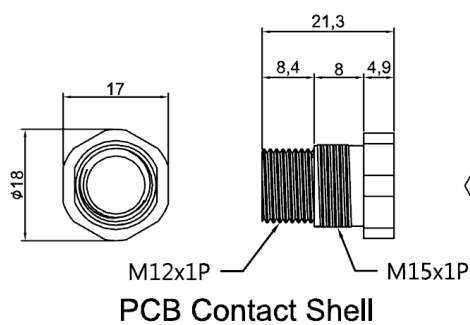
Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

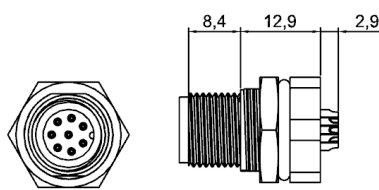
Unit: mm



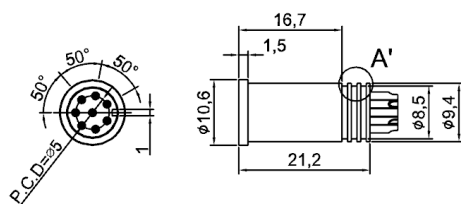
6Pin position 7Pin position 8Pin position



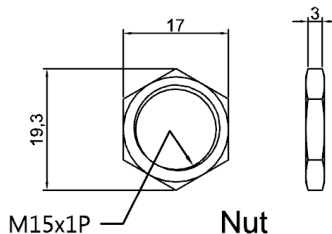
PCB Contact Shell



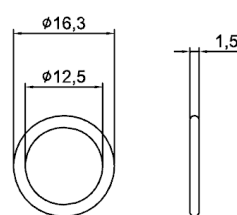
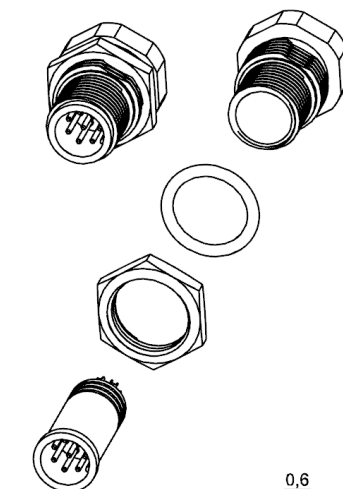
Assembly



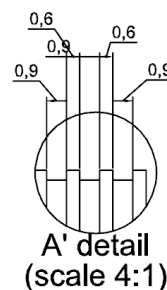
M12 6~8Pin Male Housing



Nut



Ring-1



A' detail
(scale 4:1)

ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{P}{4}$ M

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06, 07, 08
4. APPLICABLE TYPE:
"PM" FRONT PANEL MOUNT ASSEMBLY TYPE

WATERPROOF M12 2P~5P MALE CONNECTOR REAR PANEL MOUNT ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Shell: Brass, Nickel plated

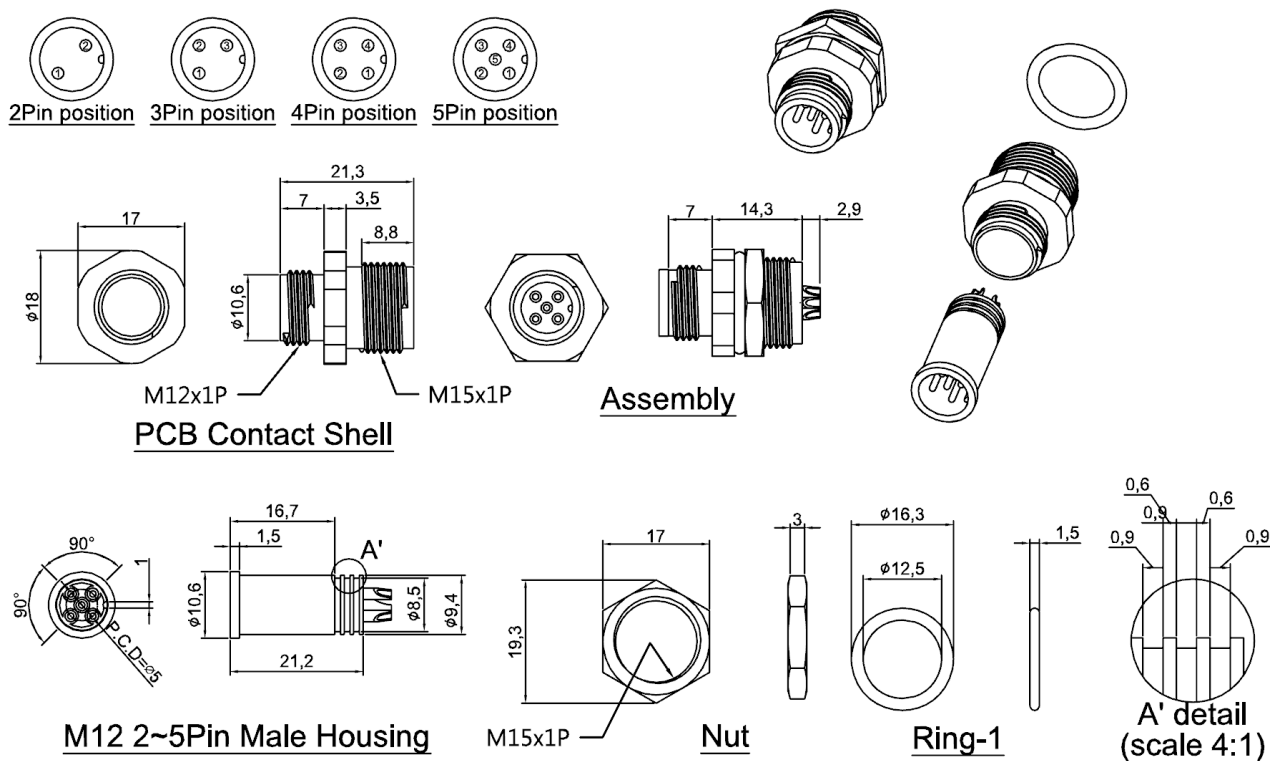
Ring: NBR, Black

Current Rating: 3A

Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{P}{4}$ $\frac{S}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02, 03, 04, 05
4. APPLICABLE TYPE:
"PS" REAR PANEL MOUNT ASSEMBLY TYPE

WATERPROOF M12 6P~8P MALE CONNECTOR REAR PANEL MOUNT ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

Shell: Brass, Nickel plated

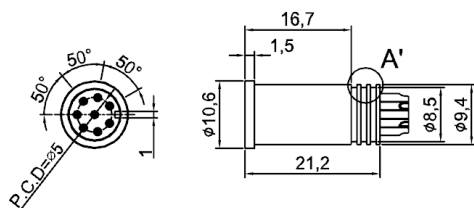
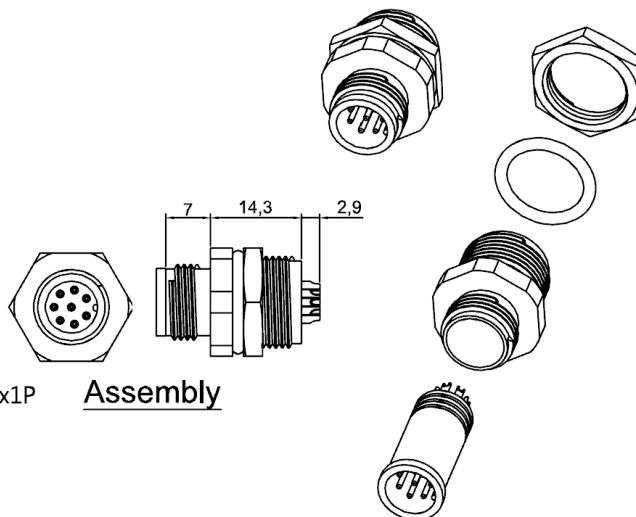
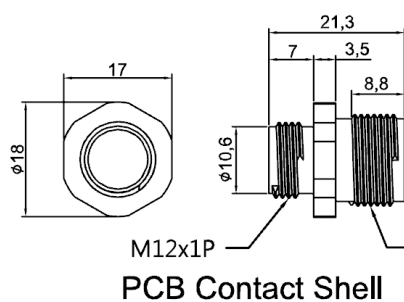
Ring: NBR, Black

Current Rating: 3A

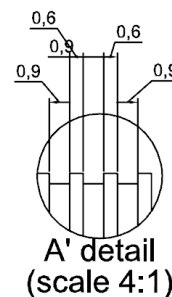
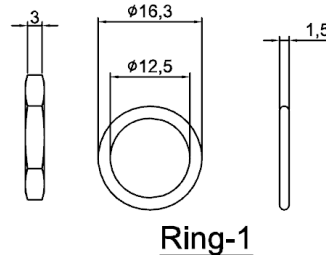
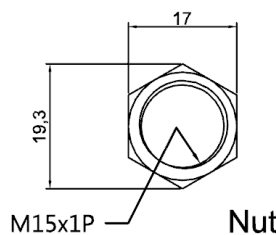
Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

Unit: mm



M12 6~8Pin Male Housing



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{P}{4}$ $\frac{S}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06, 07, 08
4. APPLICABLE TYPE:
"PS" REAR PANEL MOUNT ASSEMBLY TYPE

WATERPROOF M12 3P MALE CONNECTOR ASSEMBLY TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Terminal: Brass, Gold Plated

Housing: Thermoplastic, UL 94V-0

Shield Cover: Brass, Nickel Plated

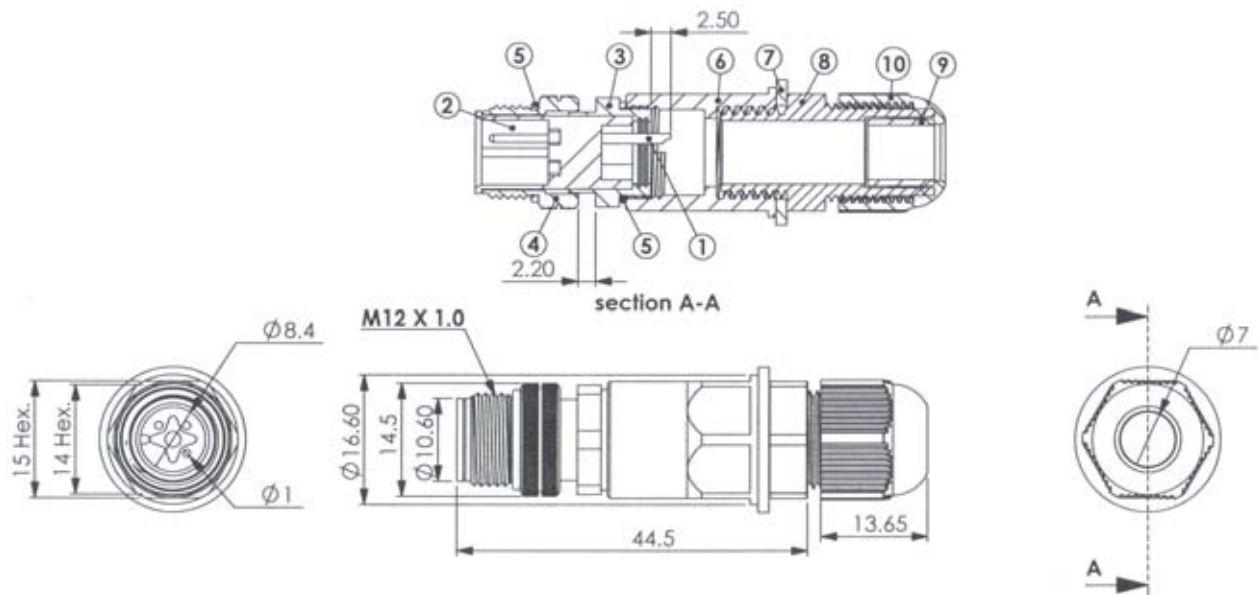
Screw Cap: Brass, Nickel Plated

Housing Holder: Brass Nickel Plated

O-Ring: NBR

WP cable Holder: NBR or PA66

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 03 AS

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"AS" CABLE ASSEMBLY TYPE

WATERPROOF M12 4P MALE CONNECTOR ASSEMBLY TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Terminal: Brass, Gold Plated

Housing: Thermoplastic, UL 94V-0

Shield Cover: Brass, Nickel Plated

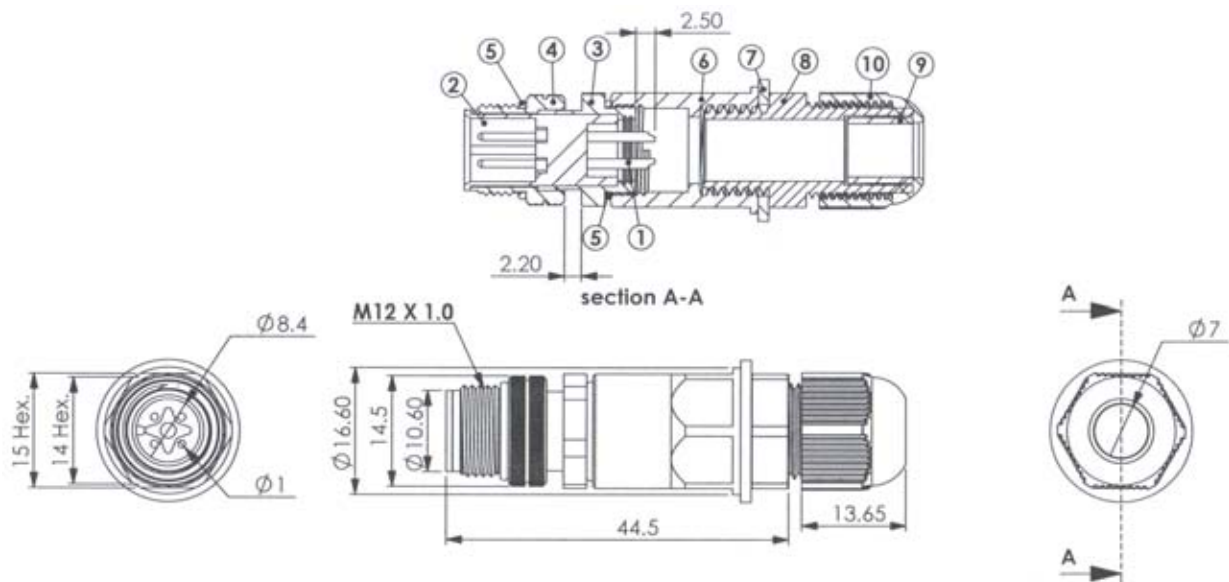
Screw Cap: Brass, Nickel Plated

Housing Holder: Brass Nickel Plated

O-Ring: NBR

WP cable Holder: NBR or PA66

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{M}$ $\frac{4}{-04AS}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"AS" CABLE ASSEMBLY TYPE

WATERPROOF M12 5P MALE CONNECTOR ASSEMBLY TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Terminal: Brass, Gold Plated

Housing: Thermoplastic, UL 94V-0

Shield Cover: Brass, Nickel Plated

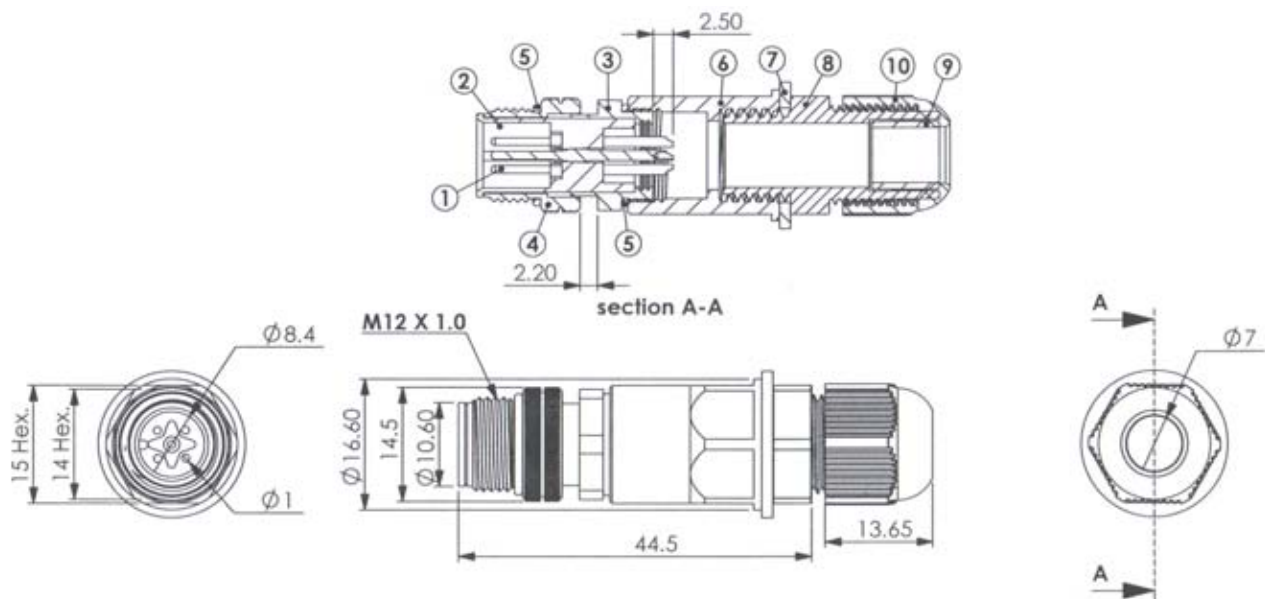
Screw Cap: Brass, Nickel Plated

Housing Holder: Brass Nickel Plated

O-Ring: NBR

WP cable Holder: NBR or PA66

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{M}$ $\frac{4}{-0.5AS}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"AS" CABLE ASSEMBLY TYPE

WATERPROOF M12 8P MALE CONNECTOR ASSEMBLY TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Terminal: Brass, Gold Plated

Housing: Thermoplastic, UL 94V-0

Shield Cover: Brass, Nickel Plated

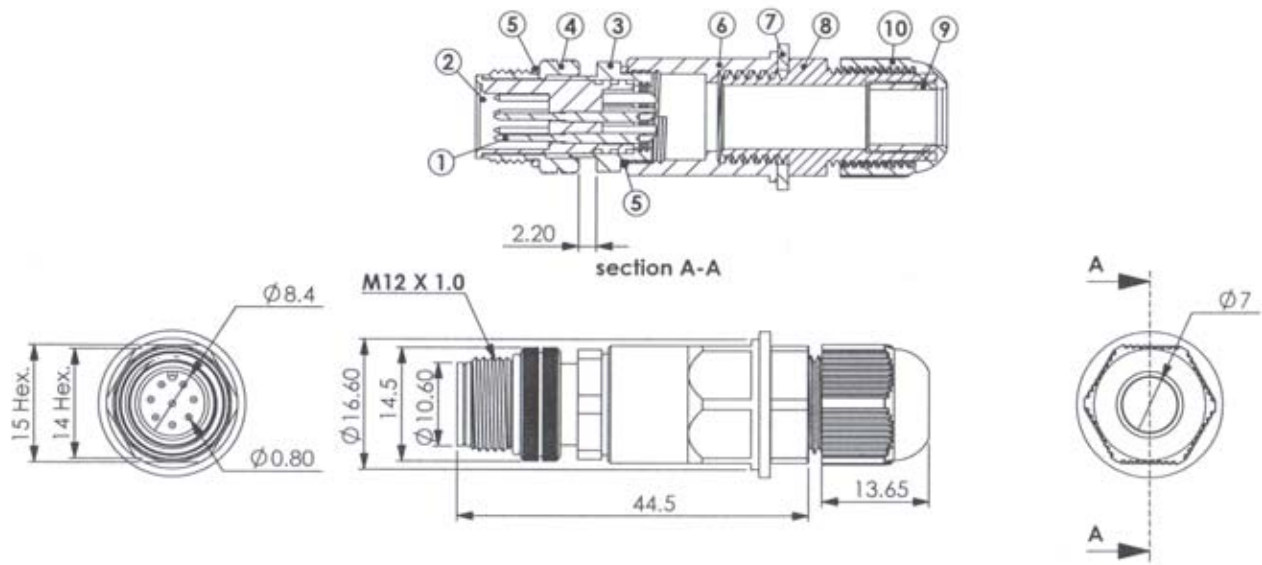
Screw Cap: Brass, Nickel Plated

Housing Holder: Brass Nickel Plated

O-Ring: NBR

WP cable Holder: NBR or PA66

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{M}$ $\frac{4}{-08AS}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"AS" CABLE ASSEMBLY TYPE

WATERPROOF M12 4P MALE CONNECTOR D-CODED CABLE ASSEMBLY TYPE



SPECIFICATION:

1.Electrical Specification:

Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1.Material:

a.Housing: PBT UL94V-0; Color: Black

b.Contact: Brass

c.Nut: Aluminum Alloy

d.Shell: Aluminum Alloy

e.Epoxy Base: EF400A & EF400B; Clork: Black

Main Body: Aluminum Alloy

Gland: Silicone; Color:Black

Gland Cage: POM; Color:Black

Gland Nut: Aluminum Alloy

2.Finish:

a.Contact: Gold Flash Micro Inches Min
Under Plate: Nickel

b.Nut: Sating Ni Plated

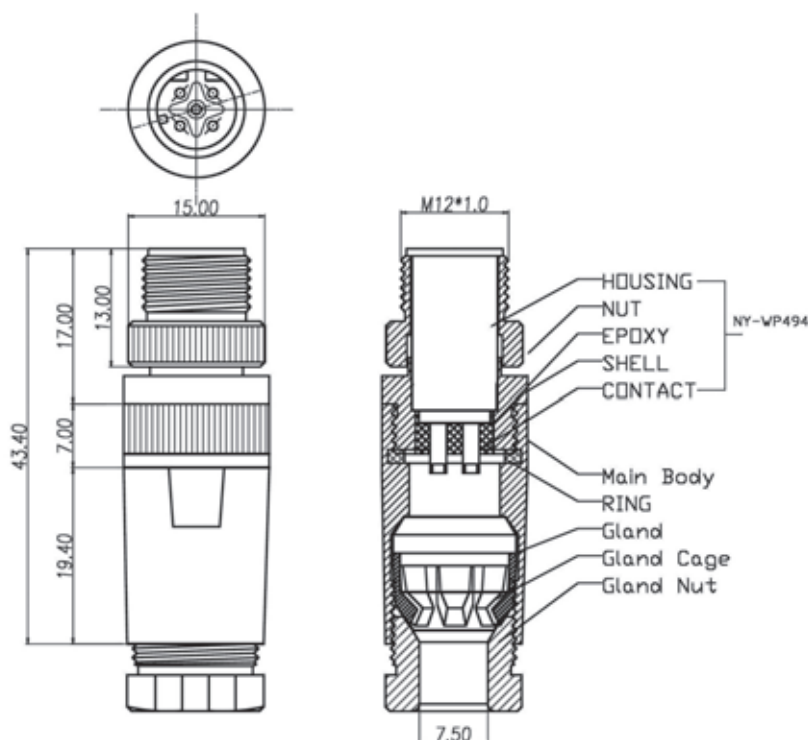
c.Shell: Sating Ni Plated

Main Body: Sating Ni Plated

Gland Nut: Sating Ni Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{AD}{4}$

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"AD" D-CODED CABLE ASSEMBLY TYPE

WATERPROOF M12 4P MALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Housing: PBT, UL 94V-0

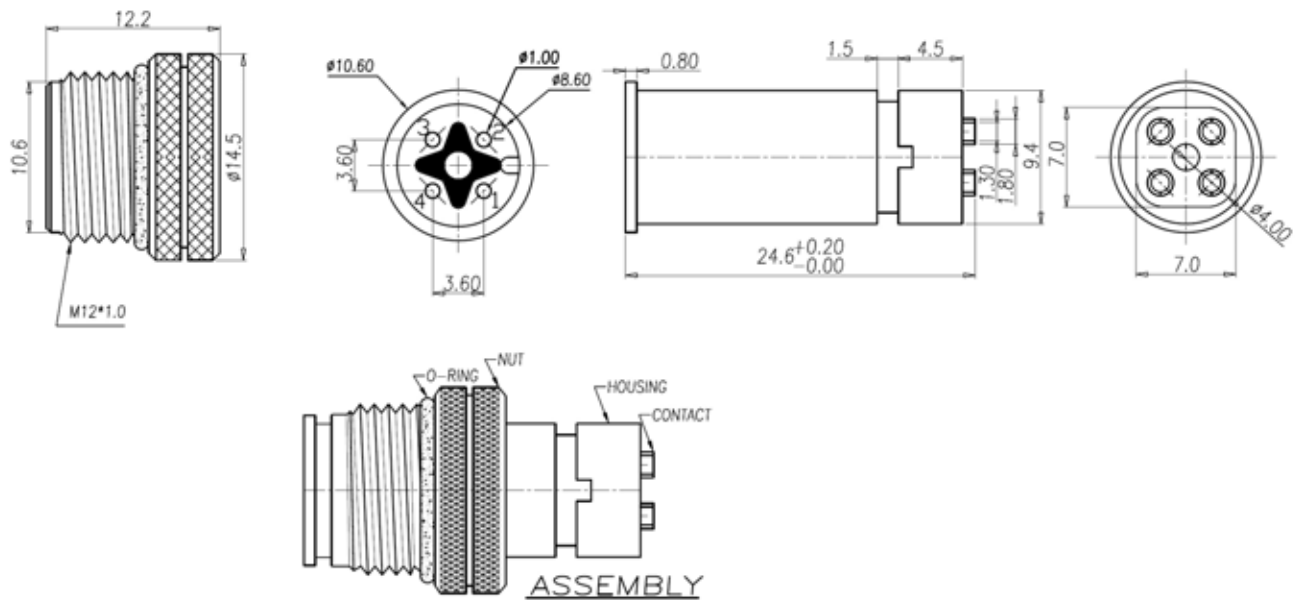
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{A}{A}$ $\frac{x}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. O-RING MATERIAL & COLOR:
"AAN" SILICONE O-RING IN GREEN
"AAB" EPDM O-RING IN BLACK

WATERPROOF M12 8P MALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

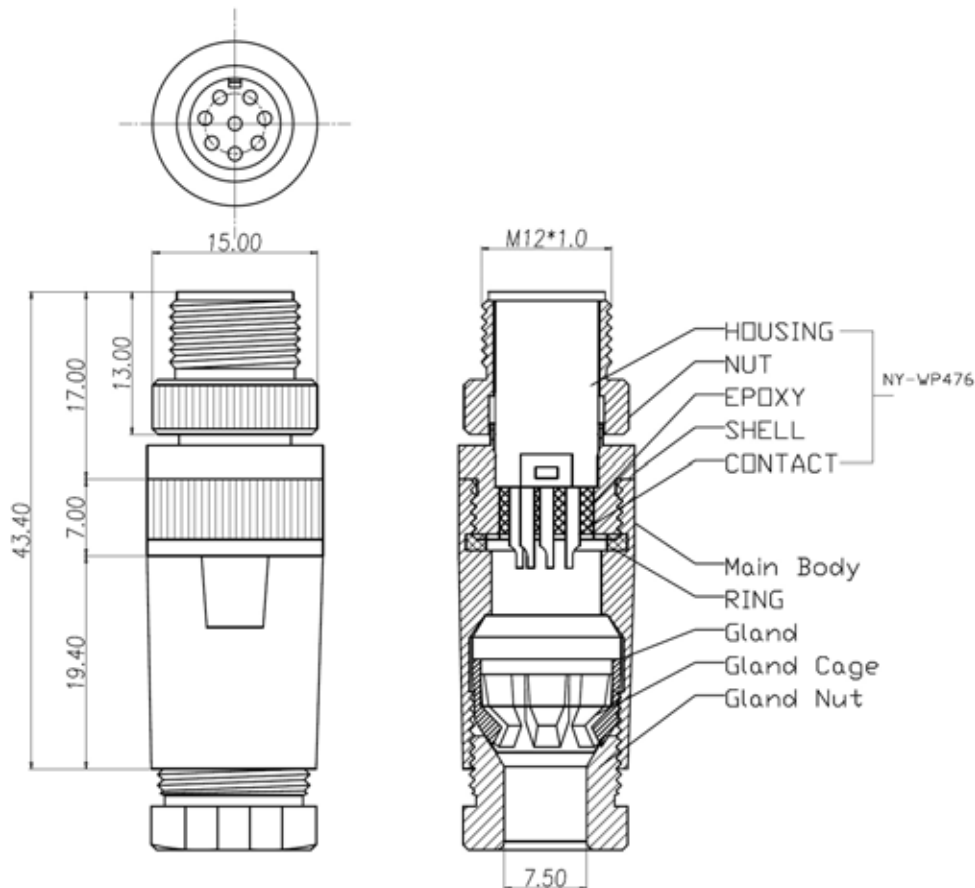
Shell: Aluminum Alloy; Nickel Plated

Nut: Aluminum Alloy; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ $\frac{12}{M}$ - $\frac{08}{AB}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04, 05, 08
4. APPLICABLE TYPE:
"AB" CABLE ASSEMBLY TYPE

WATERPROOF M12 4P MALE CONNECTOR SOLDER TYPE



SPECIFICATIONS

Rated Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000Megaohms min.

Dielectric Strength: 500V AC min.

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

MATERIALS

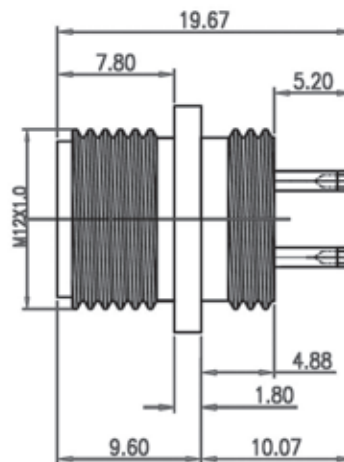
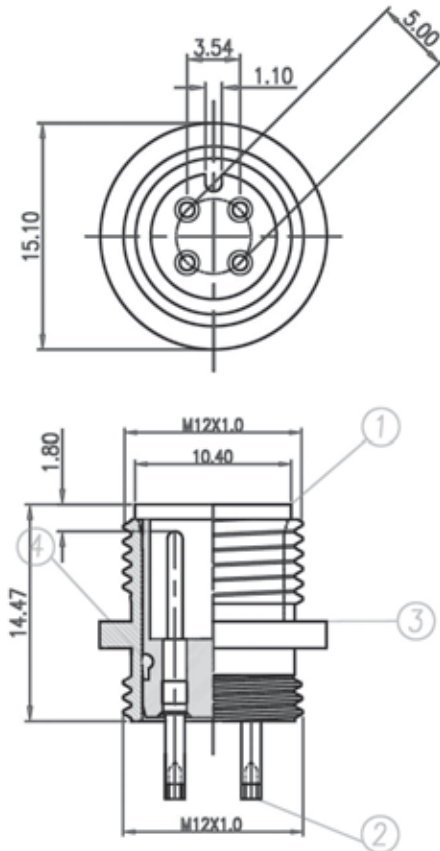
Housing: Thermoplastic, UL 94V-0

Contact: Brass; Ni 60u"

Shell: Brass; Nickel 100u"

O-Ring: NBR

Unit: mm



P/N WPC12M-04SA

ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ S A

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"SA" SOLDER TYPE

WATERPROOF M12 4P MALE CONNECTOR D-CODED CABLE SOLDER TYPE WITH GROUNDING



SPECIFICATION:

1.Electrical Specification:

Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring : EPDM; Color: Black

Shell: Brass

2.Finish:

Contact: 10 Micro Inches Min. Gold Plated

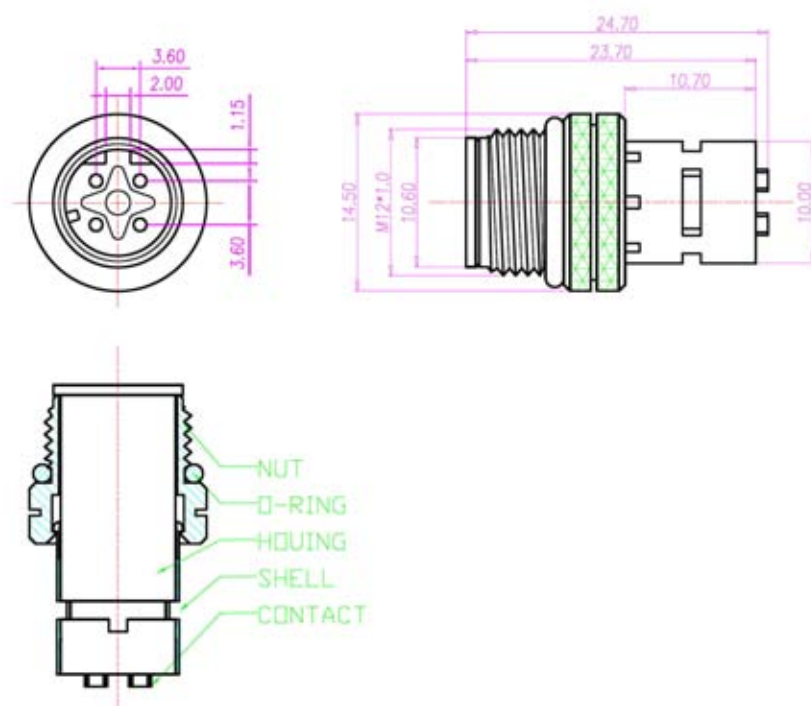
Under Plate: Nickel

Nut: Nickel Plated

Shell: Bright Tin Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{SD}{4}$

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"SD" D-CODED CABLE SOLDER TYPE WITH GROUNDING

WATERPROOF M12 4P MALE CONNECTOR A-CODED CABLE SOLDER TYPE WITH GROUNDING



SPECIFICATION:

1.Electrical Specification:

Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring : EPDM; Color: Black

Shell: Brass

2.Finish:

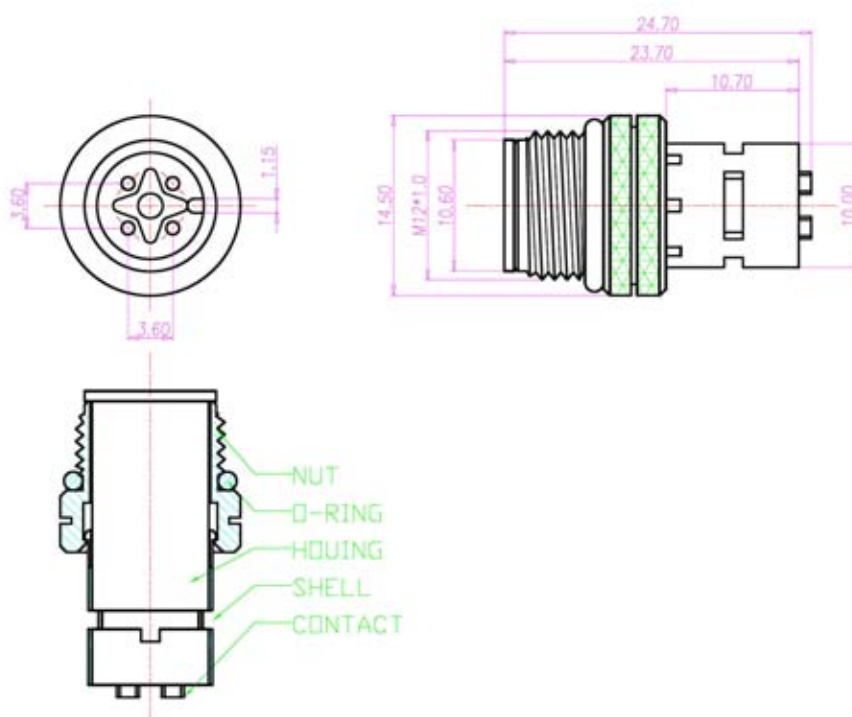
Contact: 10 Micro Inches Min. Gold Plated
Under Plate: Nickel

Nut: Nickel Plated

Shell: Bright Tin Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{SE}{4}$

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"SE" A-CODED CABLE SOLDER TYPE WITH GROUNDING

WATERPROOF M12 2P+6P MALE CONNECTOR CABLE SOLDER TYPE 3A+10A RATED



SPECIFICATION:

1. Electrical Specification:

Rated Current: 3A+10A

Rated Voltage: 125V

Water proof: IP67

2. Environmental:

Operating Temperature: -40°C ~ 85°C

MATERIALS:

1. Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring : EPDM; Color: Black

Epoxy Base: EF400A & EF400B; Color: Black

2. Finish:

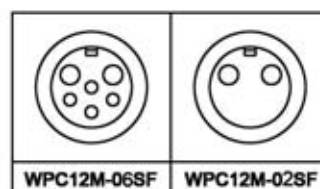
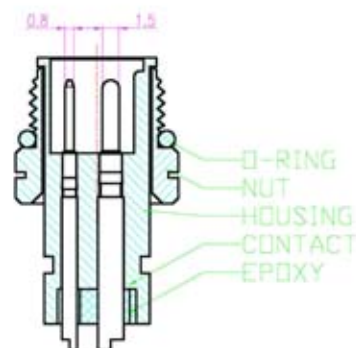
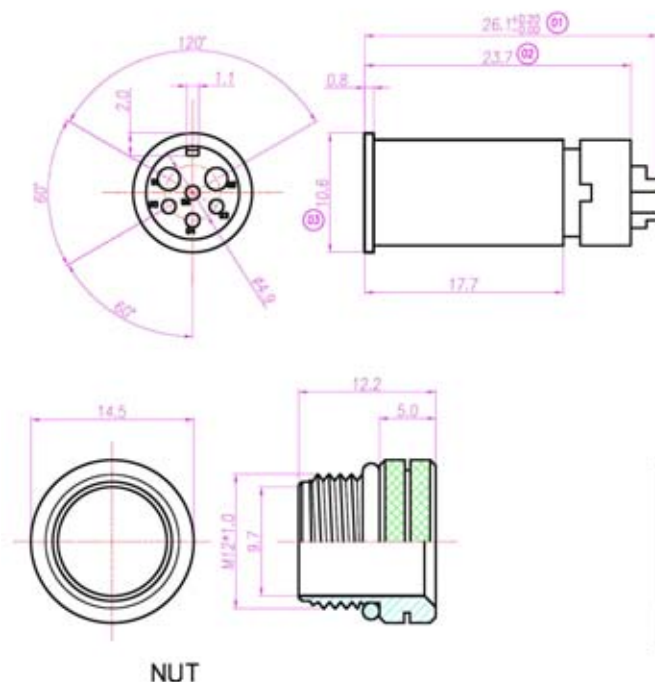
Contact: Gold Flash Micro Inches Min

Under Plate: Nickel

Nut: Nickel Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{S}{4}$ F

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

02, 06

4. APPLICABLE TYPE:

"SF" CABLE SOLDER TYPE 3A+10A RATED

WATERPROOF M12 4P+5P MALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

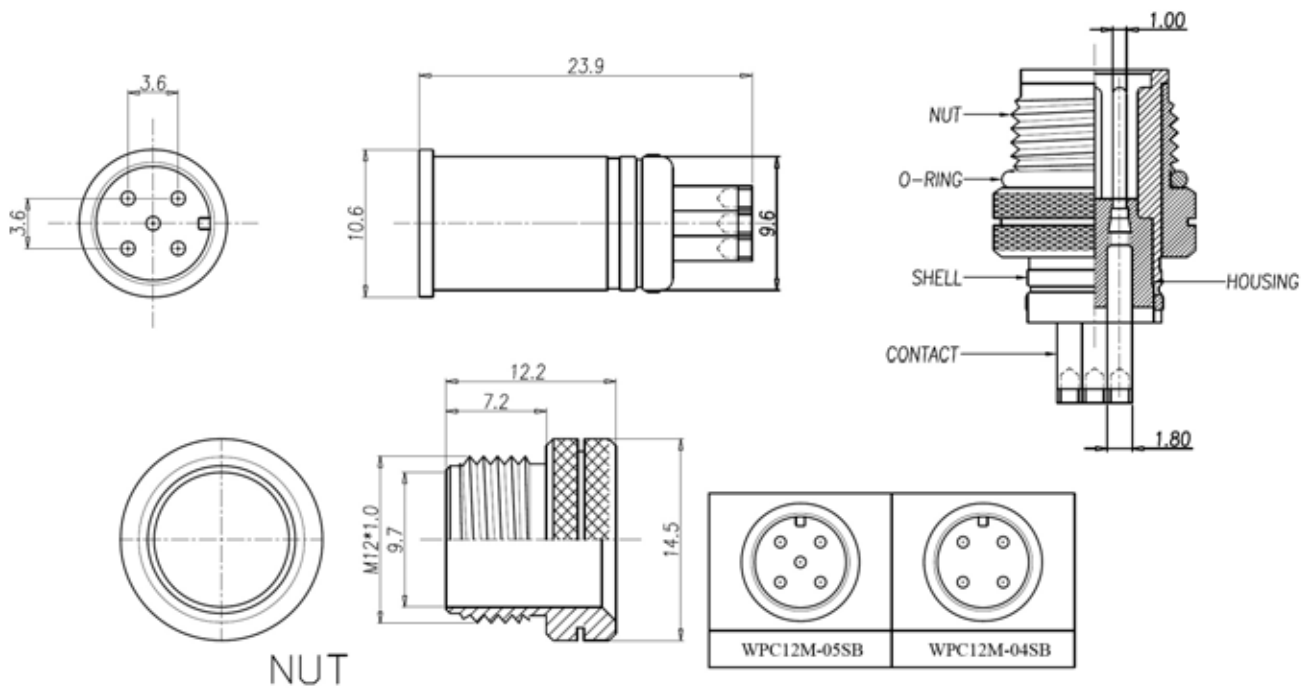
Shell: Zinc Alloy; Tin Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 1 2 M - x x S B

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04, 05
4. APPLICABLE TYPE:
"SB" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M12 5P MALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

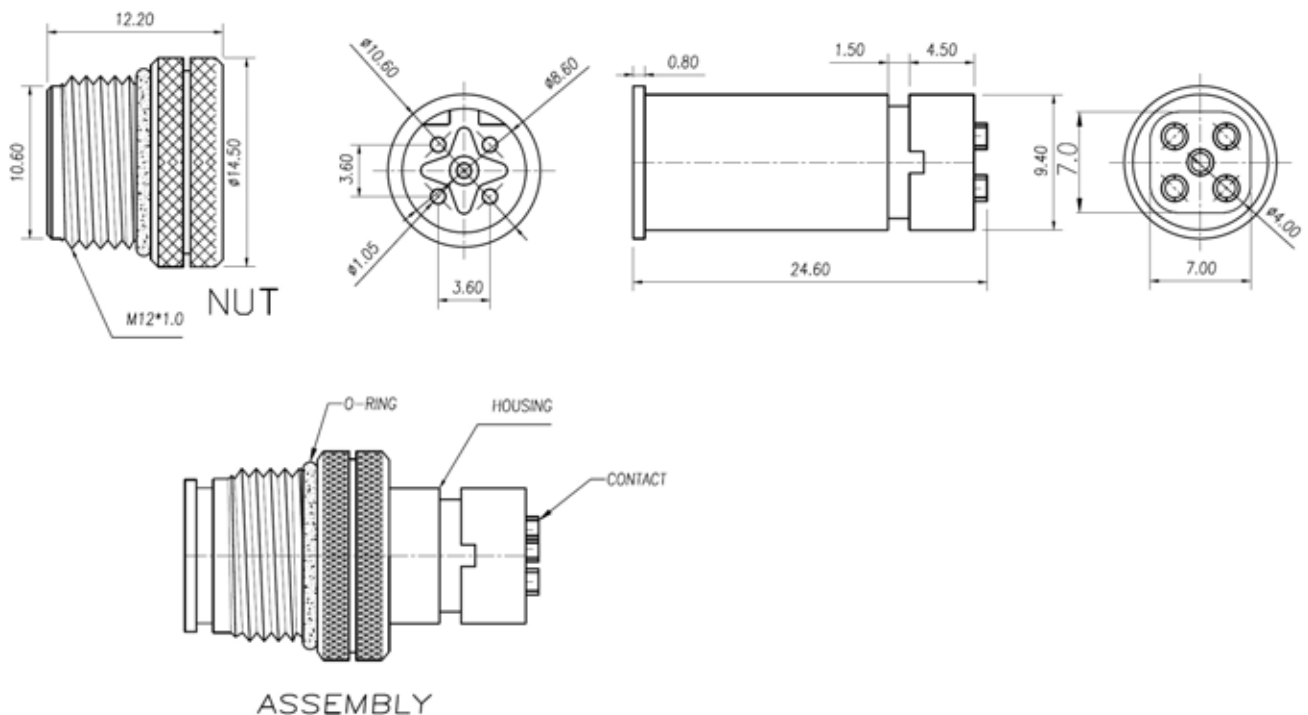
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ $\frac{5}{5}$ S C

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"SC" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M12 8P MALE CONNECTOR SOLDER TYPE



SPECIFICATIONS

Rated Current: 5A

Operation Temperature: -20°C to 85°C

Voltage: 125V

Waterproof Test: IPX8

*** RoHS & REACH compliant.**

MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; 10 micro inches min. Gold plated under Nickel

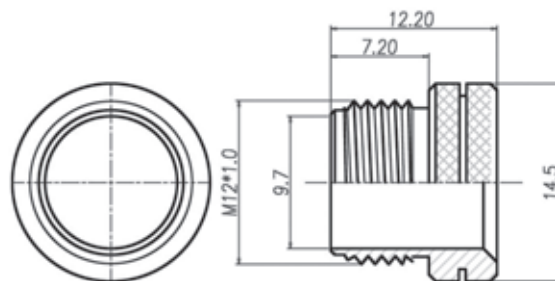
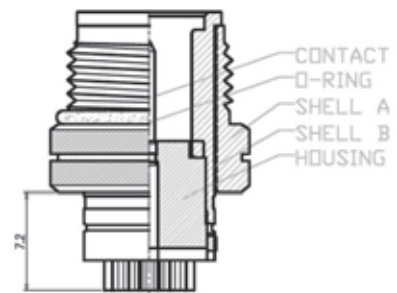
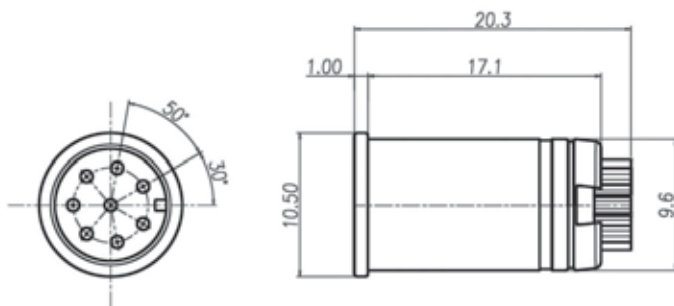
Shell A: Brass; Nickel plated 60u" ~ 100u" over all

Shell B: Ziac alloy; Nickel plated 60u" ~ 100u" over all

Nut: Brass

O-Ring: NBR

Unit: mm



P/N WPC12M-08SDxx

ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{3}$ $\frac{8}{4}$ S D x x

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
08
4. CONTACT FINISH:
"SD01" GOLD FLASH PLATED
"SD10" 10 MICROINCH GOLD PLATED

WATERPROOF M12 8P MALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

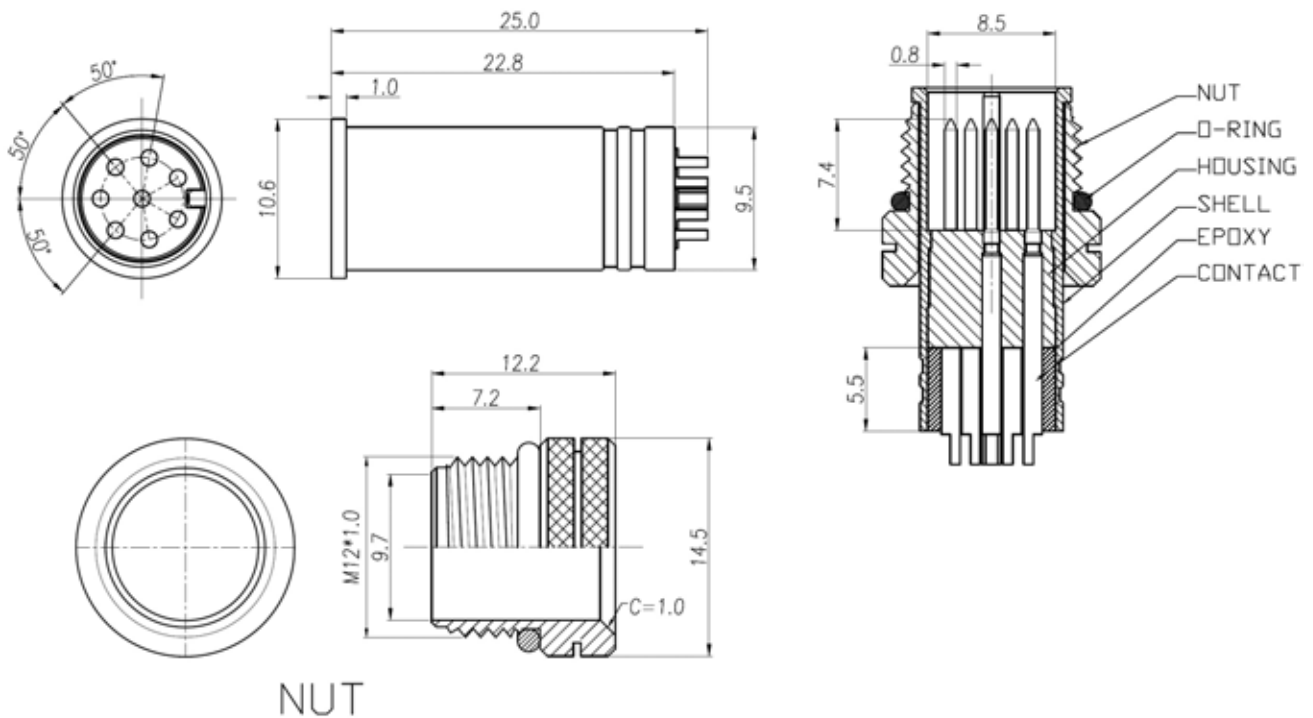
Shell: Zinc Alloy; Tin Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 08 S F

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"SF" CABLE SOLDER TYPE

WATERPROOF M12 10P MALE CONNECTOR CABLE SOLDER TYPE WITH GROUNDING



SPECIFICATION:

1.Electrical Specification:

Rated Current: 1A

Rated Voltage: 30V

Water proof: IP67

2.Environmental:

Operating Temperature: -40°C ~ 85°C

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring : EDPM

Shell: Brass

Epoxy Base: EF400A & EF400B; Clork: Black

2.Finish:

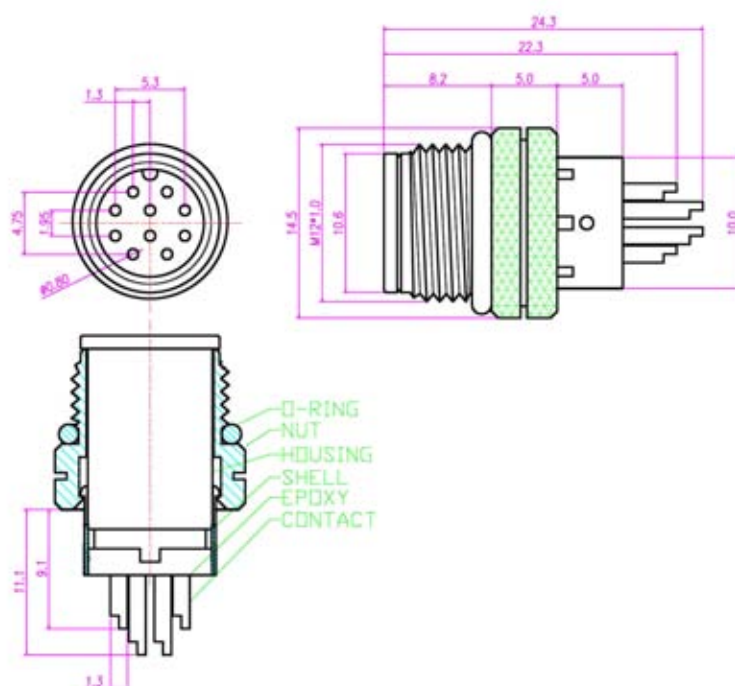
Contact: 10 Micro Inches Min. Gold Plated
Under Plate: Nickel

Nut: Nickel Plated

Shell: Bright Tin

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ $\frac{12}{M}$ - $\frac{10}{3}$ $\frac{SA}{4}$

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

10

4. APPLICABLE TYPE:

"SA" CABLE SOLDER TYPE WITH GROUNDING

WATERPROOF M12 17P MALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

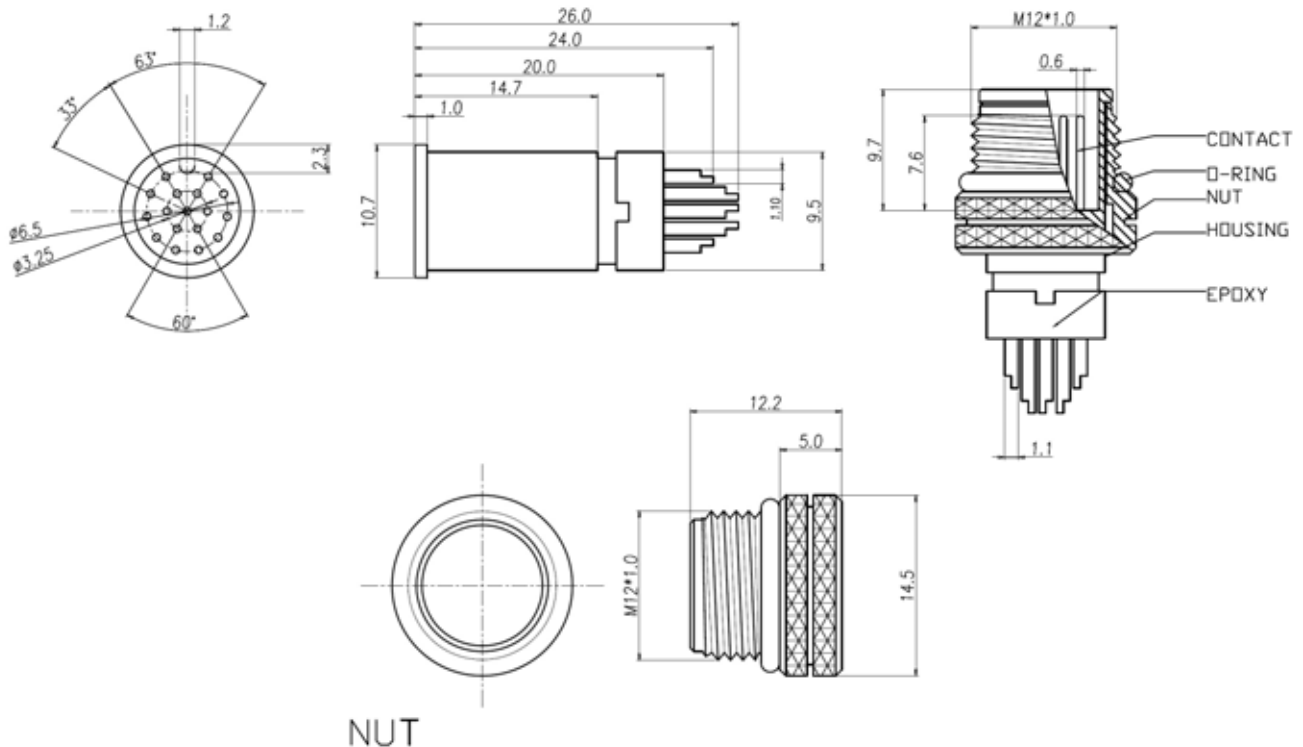
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{17}{4}$ $\frac{S}{4}$ $\frac{G}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
17
4. APPLICABLE TYPE:
"SG" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M12 3P MALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

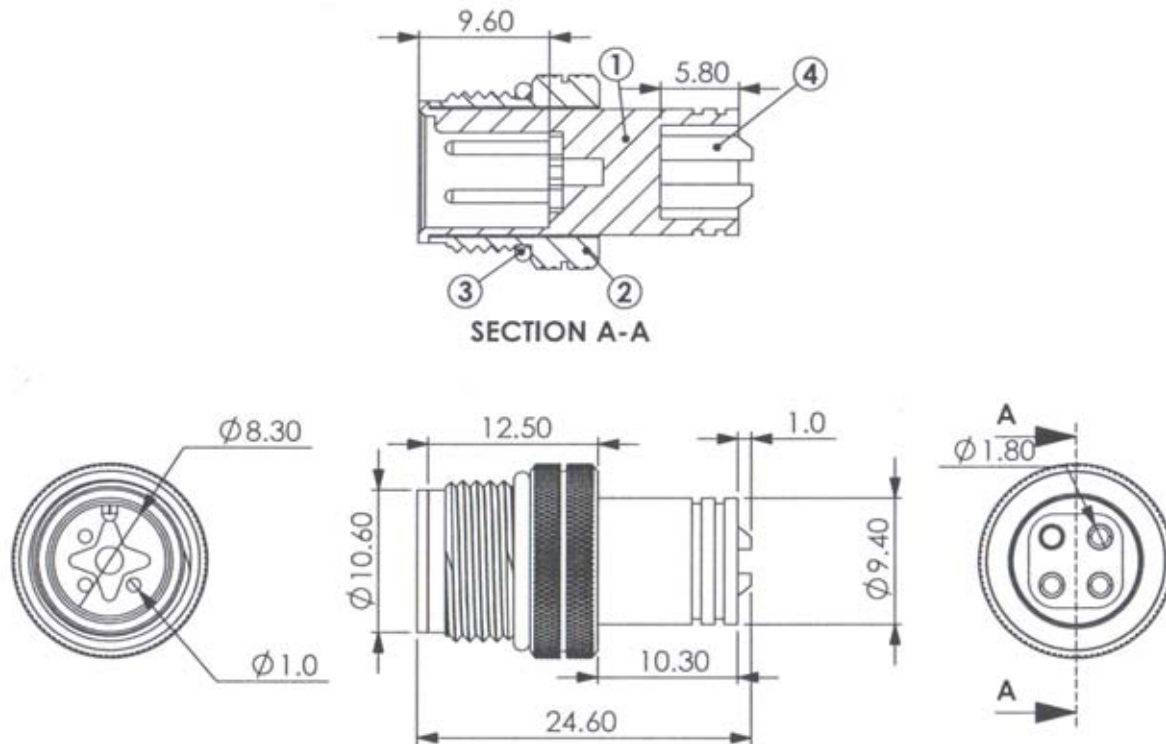
MATERIALS

Housing: PBT + GF15%

Screw Cap: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 0 3 M D

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12*1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

03

4. APPLICABLE TYPE:

"MD" CABLE MOLDING TYPE

WATERPROOF M12 4P MALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

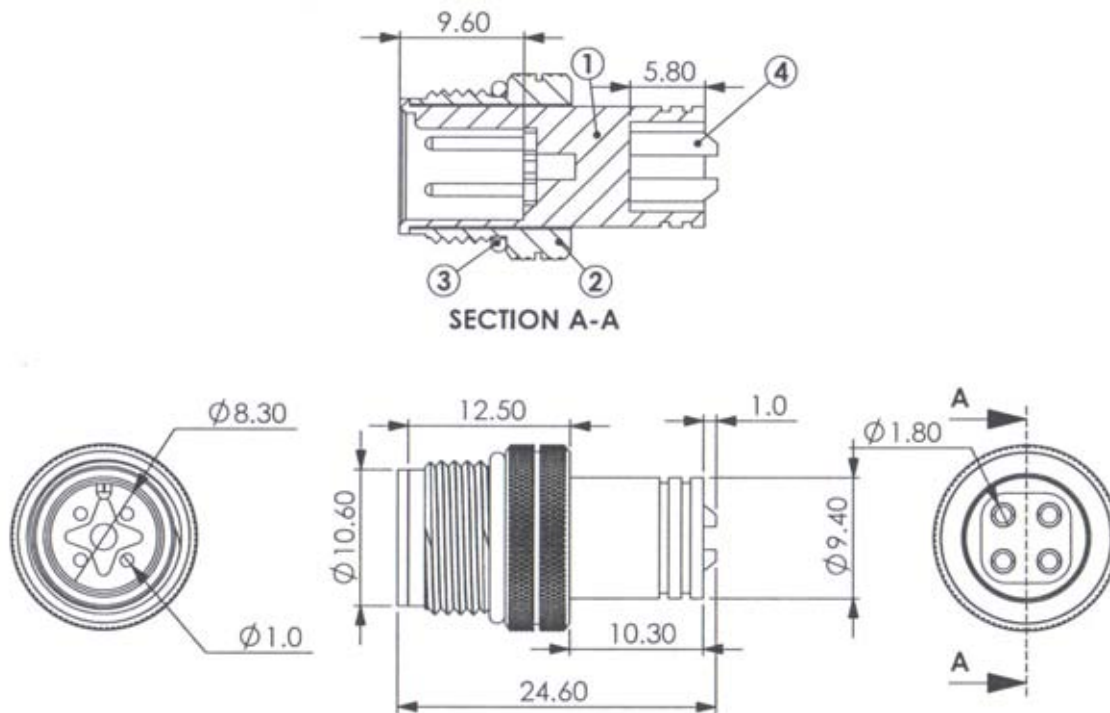
MATERIALS

Housing: PBT + GF15%

Screw Cap: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 0 4 M D

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M12 5P MALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

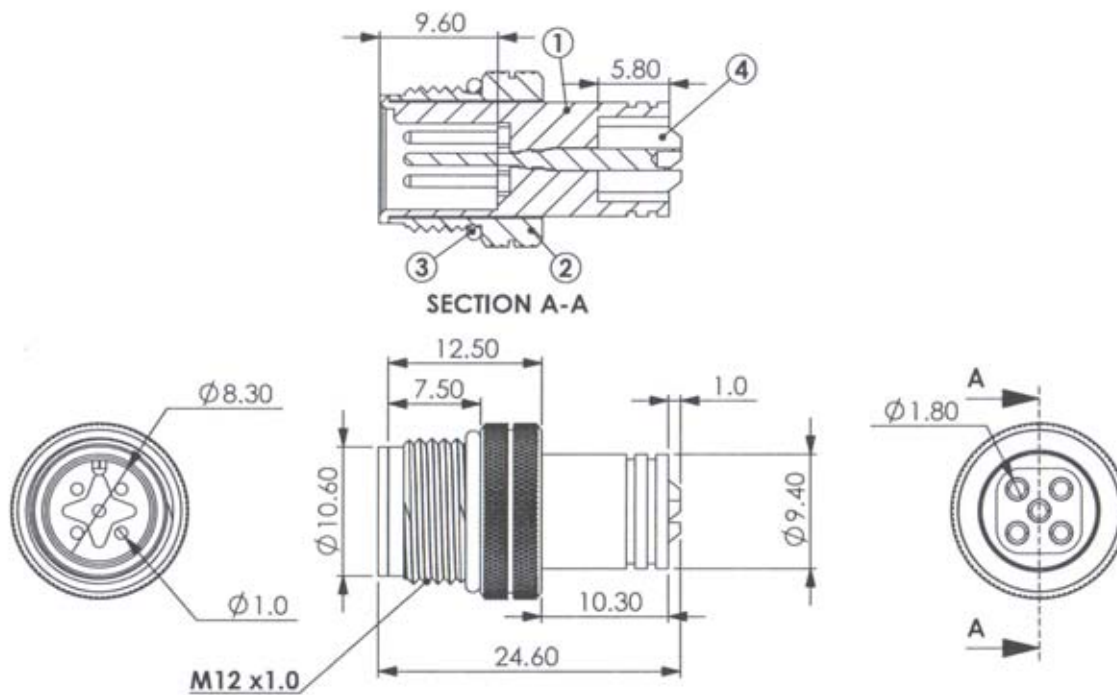
MATERIALS

Housing: PBT + GF15%

Screw Cap: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 0.5 M D

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M12 8P MALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

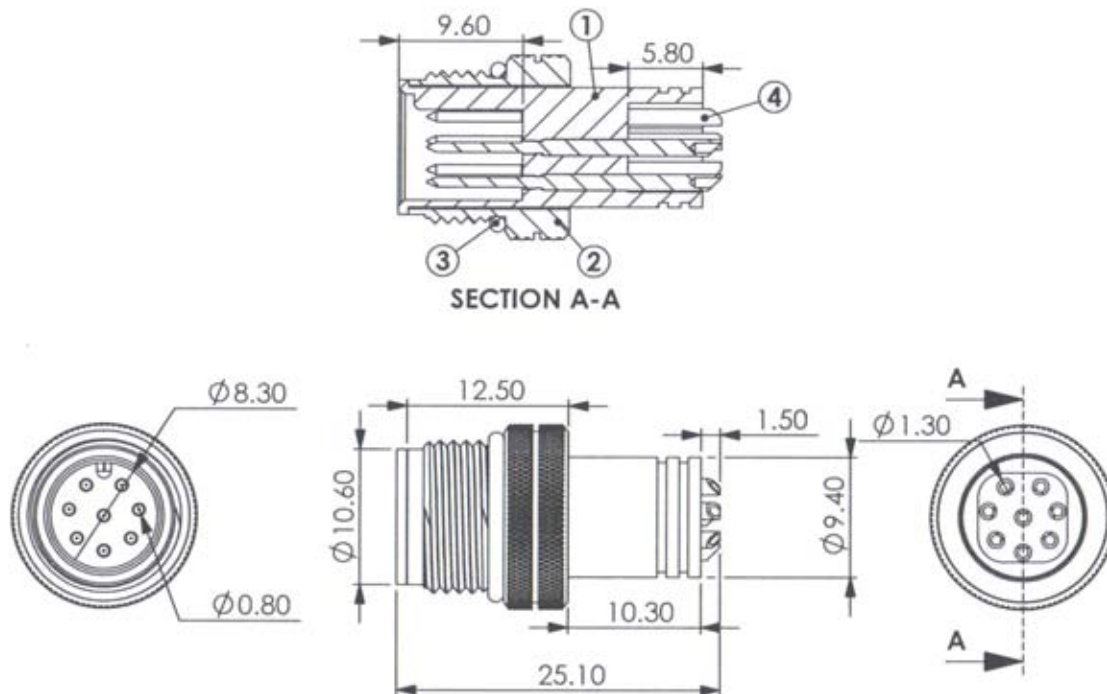
MATERIALS

Housing: PBT + GF15%

Screw Cap: Brass, Nickel Plated

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ M - 0.8 M D

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M12 2P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT 30% Glass fiber

Contact: Brass; Gold 10u"

Shell: Brass; Nickel 60u"

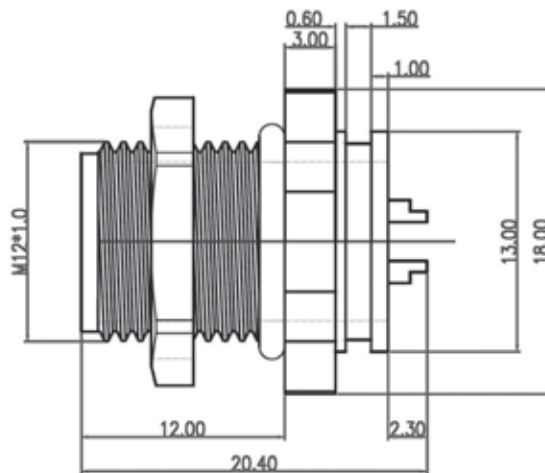
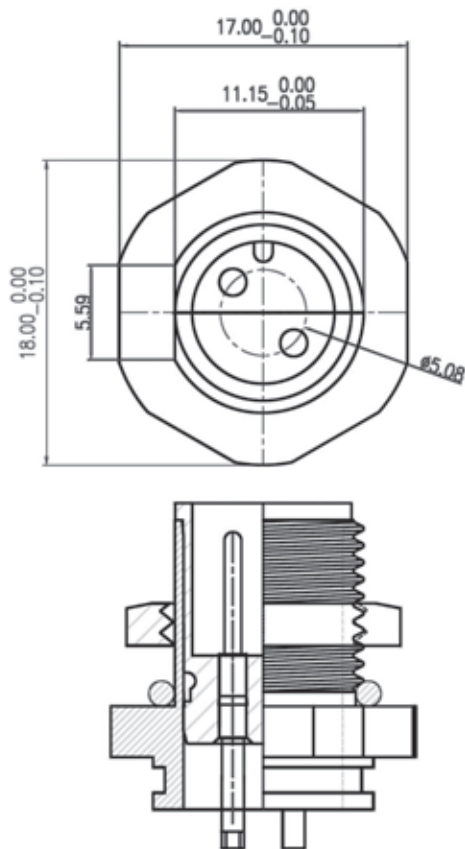
Nut: Brass; Ni 100u"

O-Ring: EPDM

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{2}{2}$ $\frac{P}{4}$ $\frac{B}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02
4. APPLICABLE TYPE:
"PB" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 2P MALE CONNECTOR PANEL FRONT MOUNT TYPE 10A RATED



SPECIFICATION:

1. Electrical Specification:

Rated Current: 10A

Rated Voltage: 125V

Water proof: IP67

2. Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1. Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Shell: Brass

Nut: Brass

O-Ring A: Silicone; Color: Brown

O-Ring B: EPDM; Color: Black

Epoxy Base: EF400A & EF400B; Color: Black

2. Finish:

Contact: Gold Flash Micro Inches Min

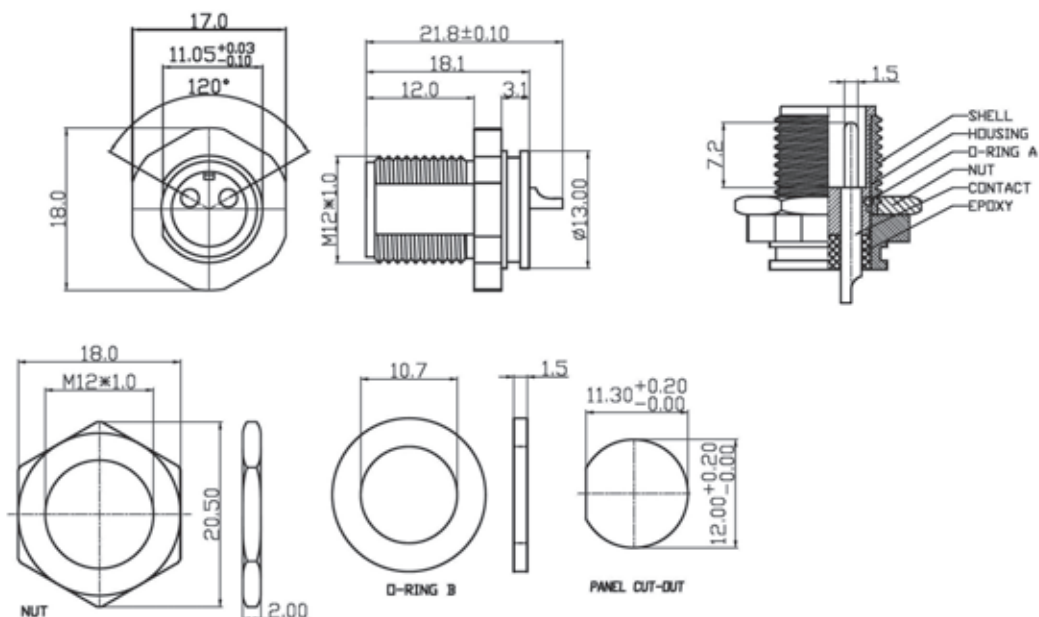
Under Plate: Nickel

Shell: Nickel Plated

Nut: Nickel Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{2}{2}$ $\frac{P}{4}$ $\frac{C}{4}$

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

02

4. APPLICABLE TYPE:

"PC" PANEL FRONT MOUNT TYPE 10A RATED

WATERPROOF M12 3P+5P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

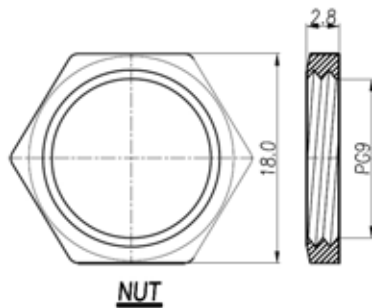
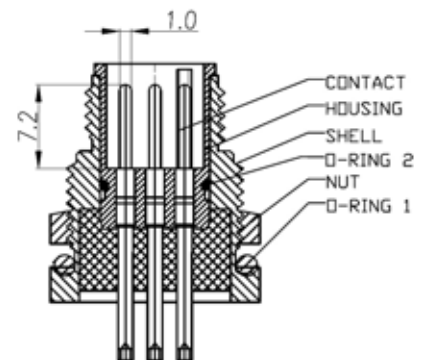
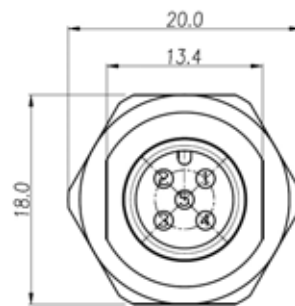
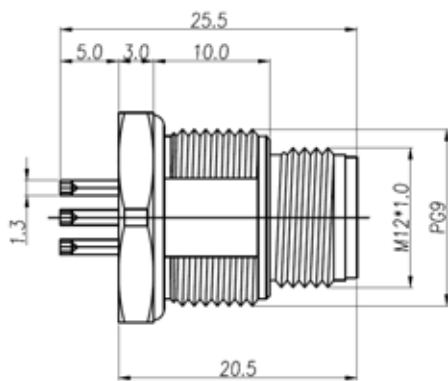
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{PD}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03, 05
4. APPLICABLE TYPE:
"PD" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 5P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

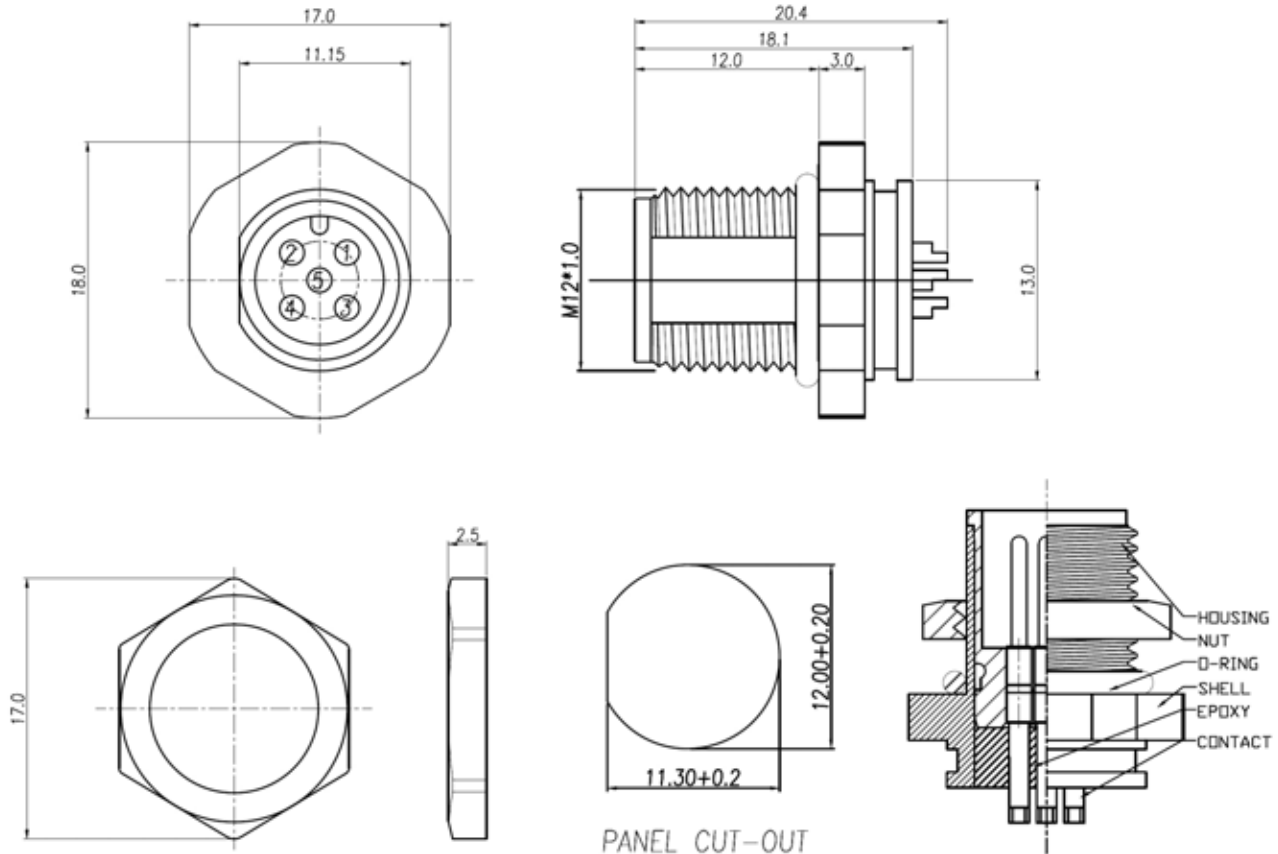
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0.5}{4}$ $\frac{P}{4}$ E

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"PE" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 5P MALE PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

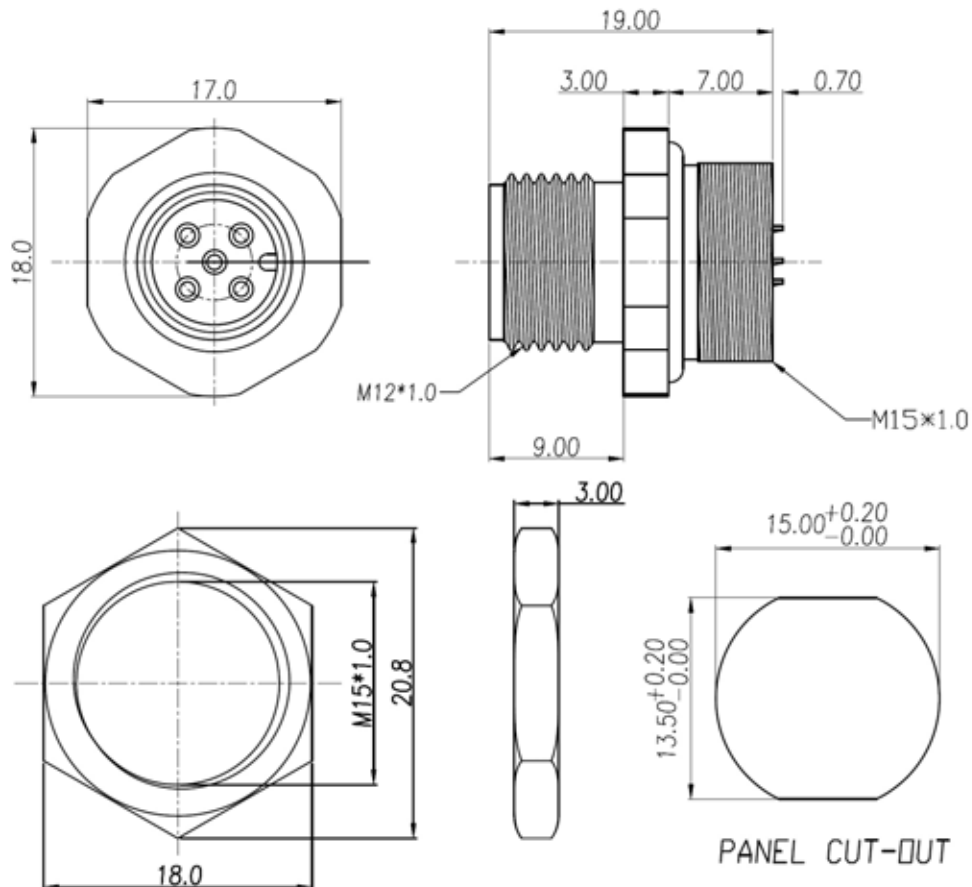
Contact: Brass; Gold Plating Over Nickel

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 0.5 P H

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"PH" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 5P+8P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000Megaohms min.

Dielectric Strength: 500V AC min.

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

MATERIALS

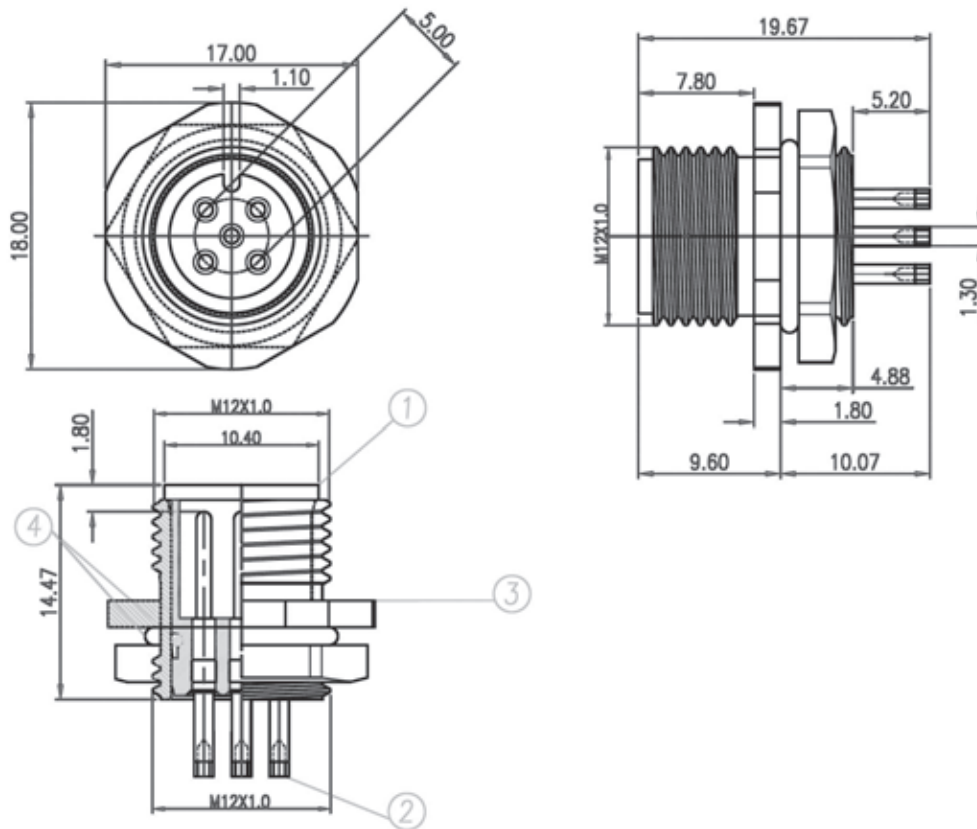
Housing: Thermoplastic, UL 94V-0

Contact: Brass; contact plated Ni 60u"

Shell: Brass; Nickel 100u"

O-Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{P}{4}$ C

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05, 08
4. APPLICABLE TYPE:
"PC" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 6P+8P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

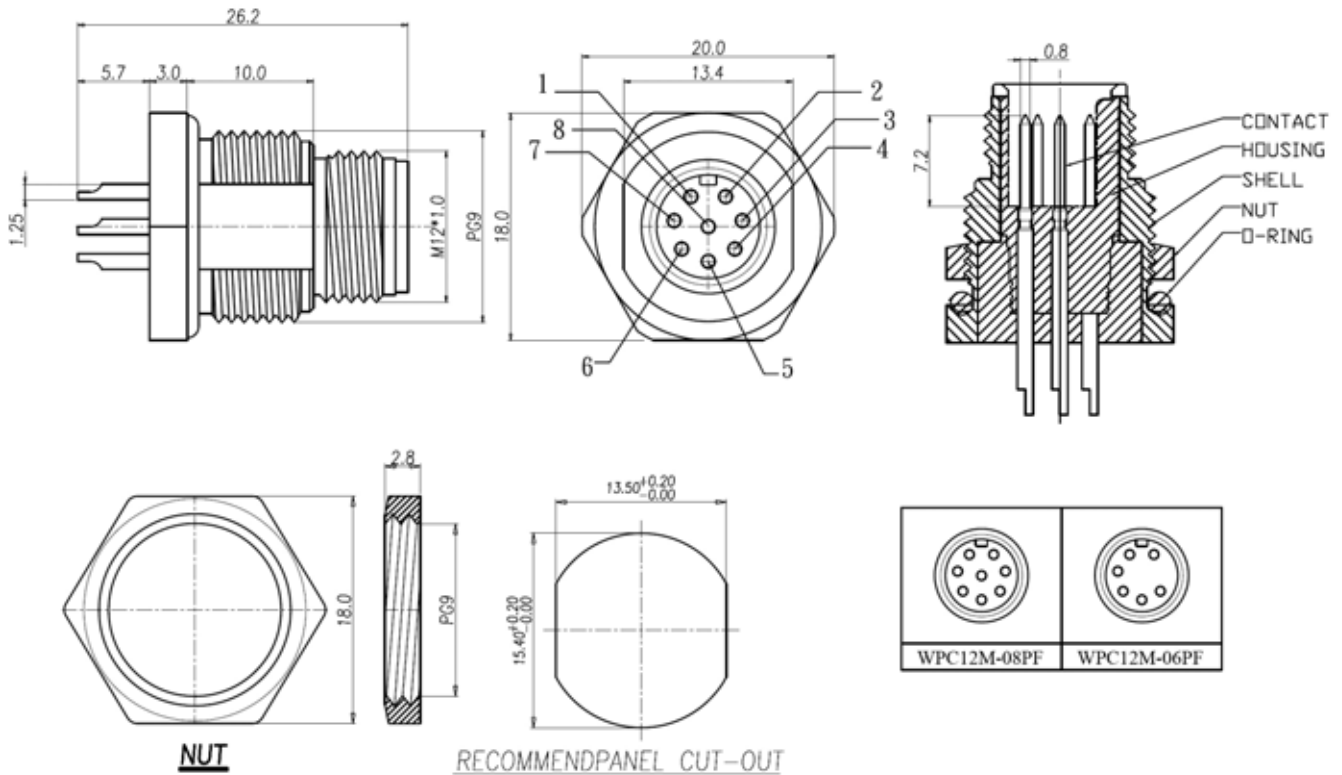
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm

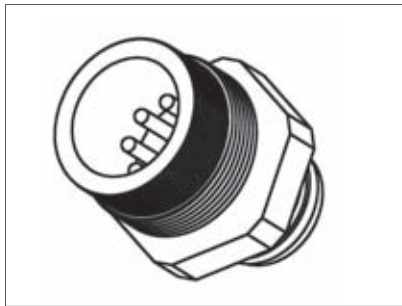


ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{x}{x}$ $\frac{P}{4}$ G

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06, 08
4. APPLICABLE TYPE:
"PG" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 8P MALE CONNECTOR PANEL MOUNT DIP TYPE



MATERIALS

Housing: Thermoplastic, UL 94V-0

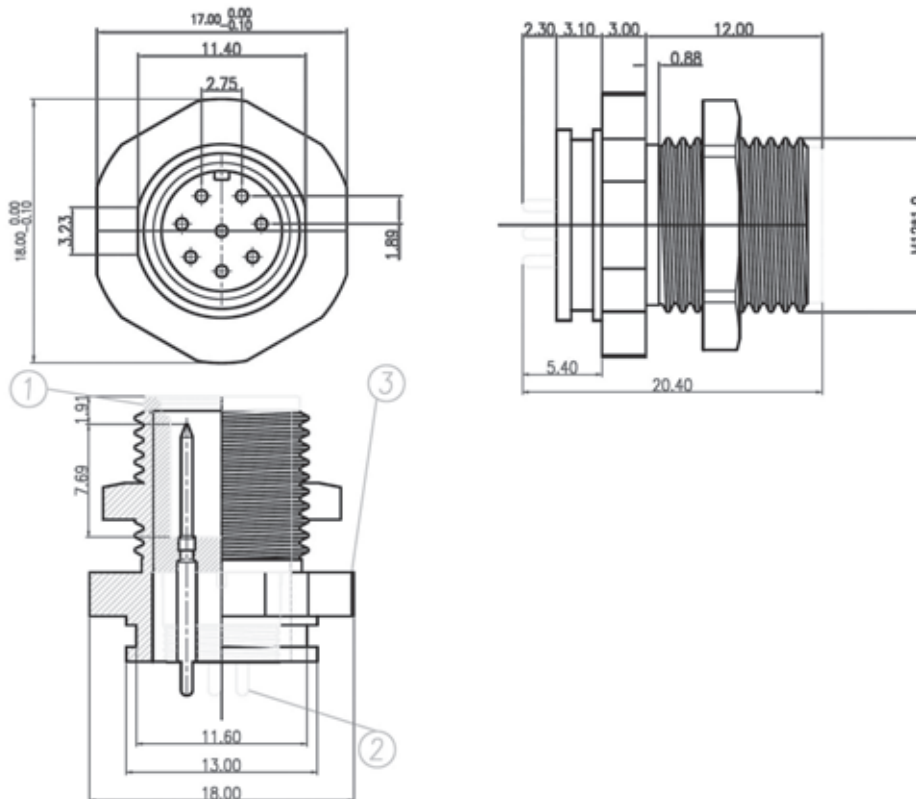
Contact: Brass; Contact plated 10u" Gold

Shell: Brass; Nickel 100u"

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{M}$ - $\frac{0}{3}$ $\frac{8}{4}$ P A

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"PA" PANEL MOUNT DIP TYPE

WATERPROOF M12 8P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

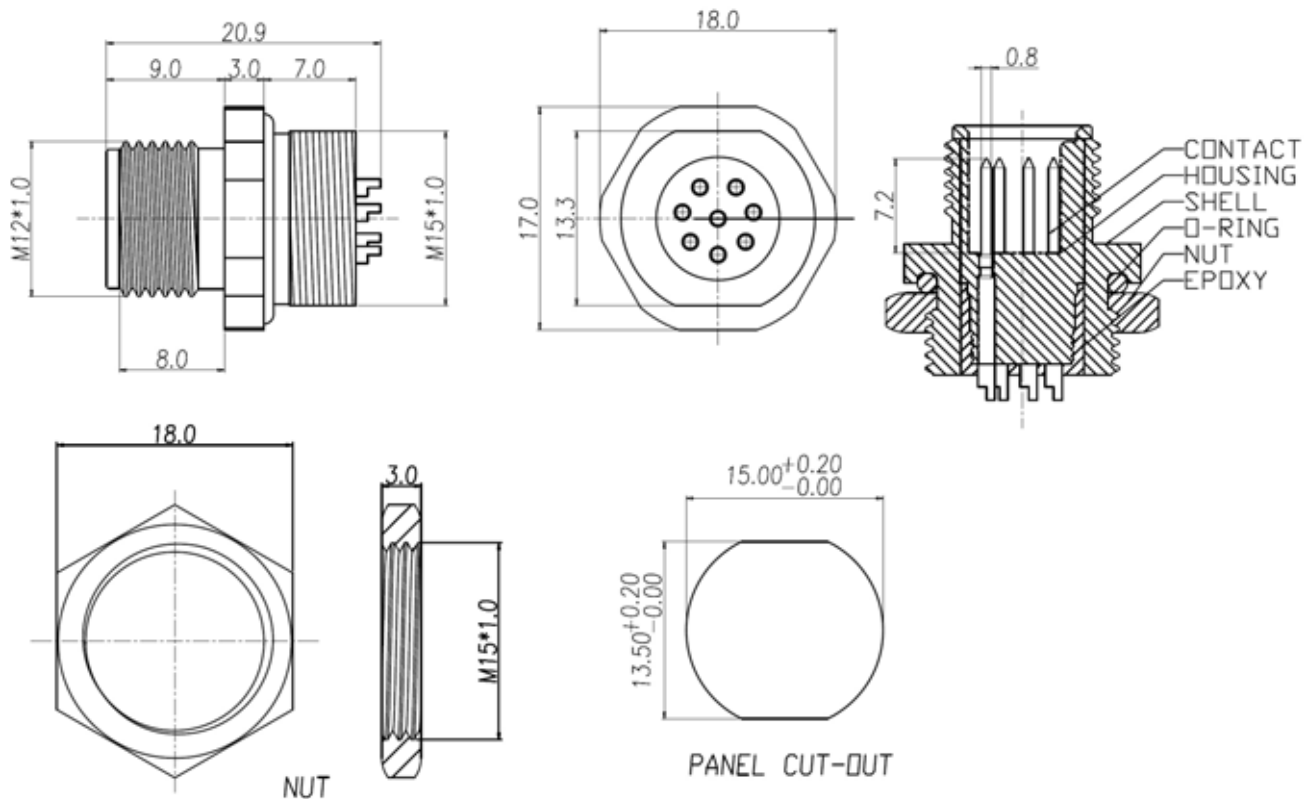
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0.8}{4}$ $\frac{PH}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"PH" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 8P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

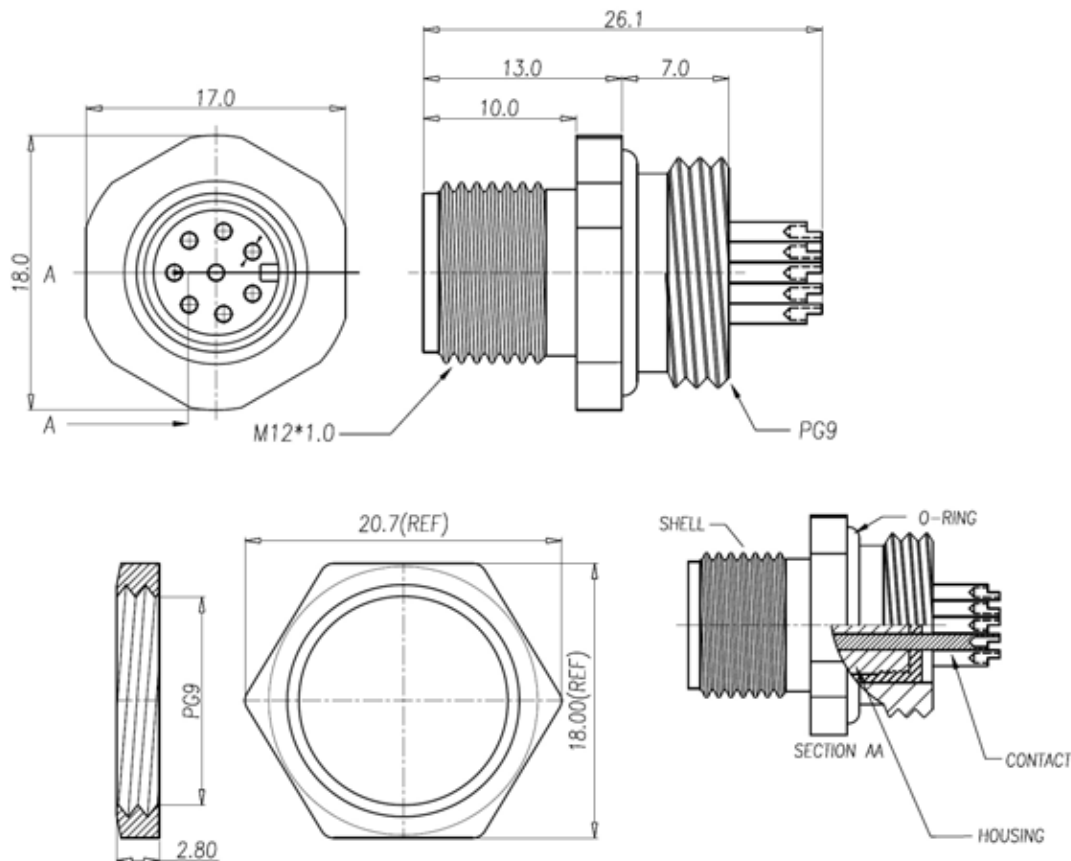
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"PJ" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 10P MALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

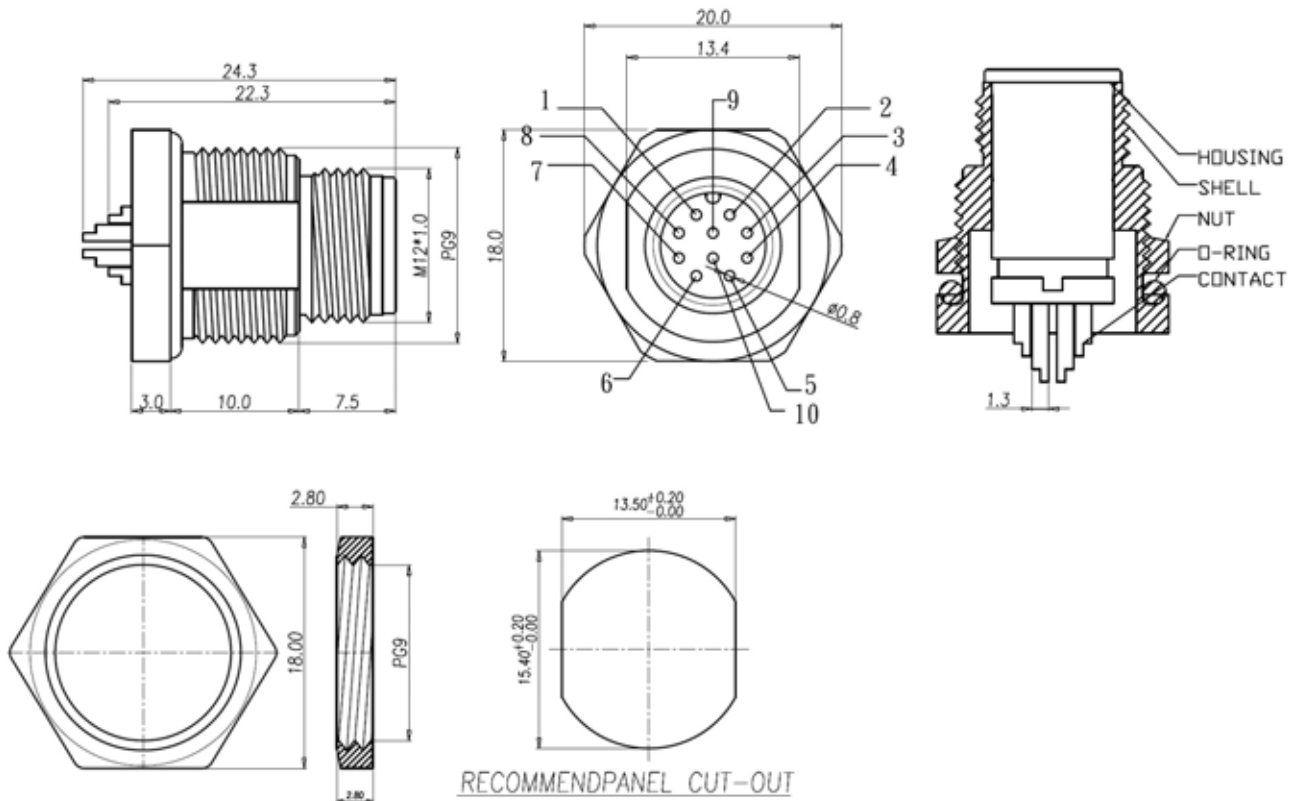
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{10}{4}$ $\frac{P}{PG}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
10
4. APPLICABLE TYPE:
"PG" PANEL MOUNT SOLDER TYPE

WATERPROOF M12 12P MALE CONNECTOR PANEL FRONT MOUNT TYPE



SPECIFICATION:

1.Electrical Specification:

Rated Current: 1A

Rated Voltage: 30V

Water proof: IP67

2.Environmental:

Operating Temperature: -40°C ~ 85°C

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

Shell: Brass

O-Ring: EPDM

2.Finish:

Contact: 10 Micro Inches Min. Gold Plated

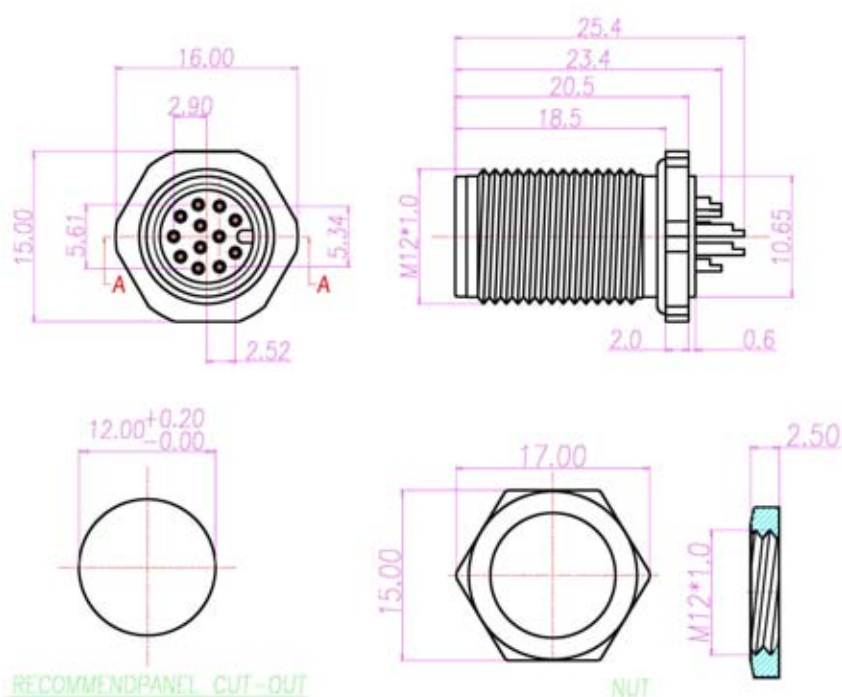
Under Plate: Nickel

Nut: Nickel Plated

Shell: Nickel Plated

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ $\frac{1}{2}$ M - $\frac{1}{3}$ $\frac{1}{4}$ P B

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
12
4. APPLICABLE TYPE:
"PB" PANEL FRONT MOUNT TYPE

WATERPROOF M12 3P MALE CONNECTOR PANEL FRONT MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

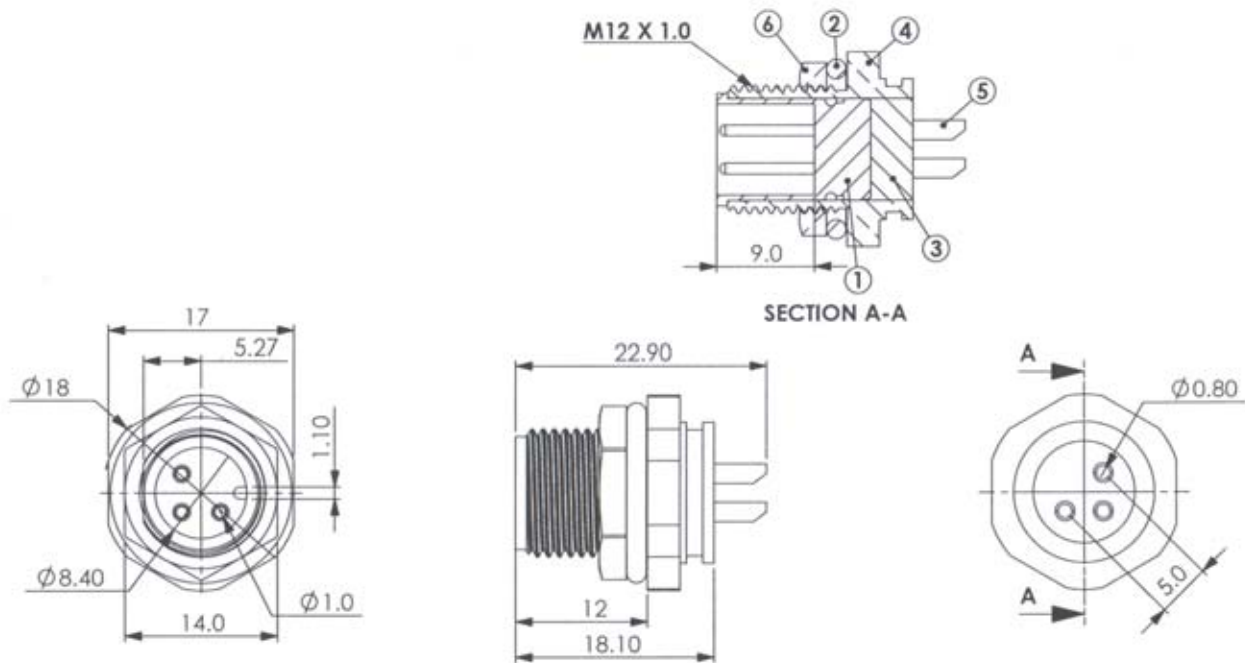
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 0 3 P F

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"PF" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M12 4P MALE CONNECTOR PANEL FRONT MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

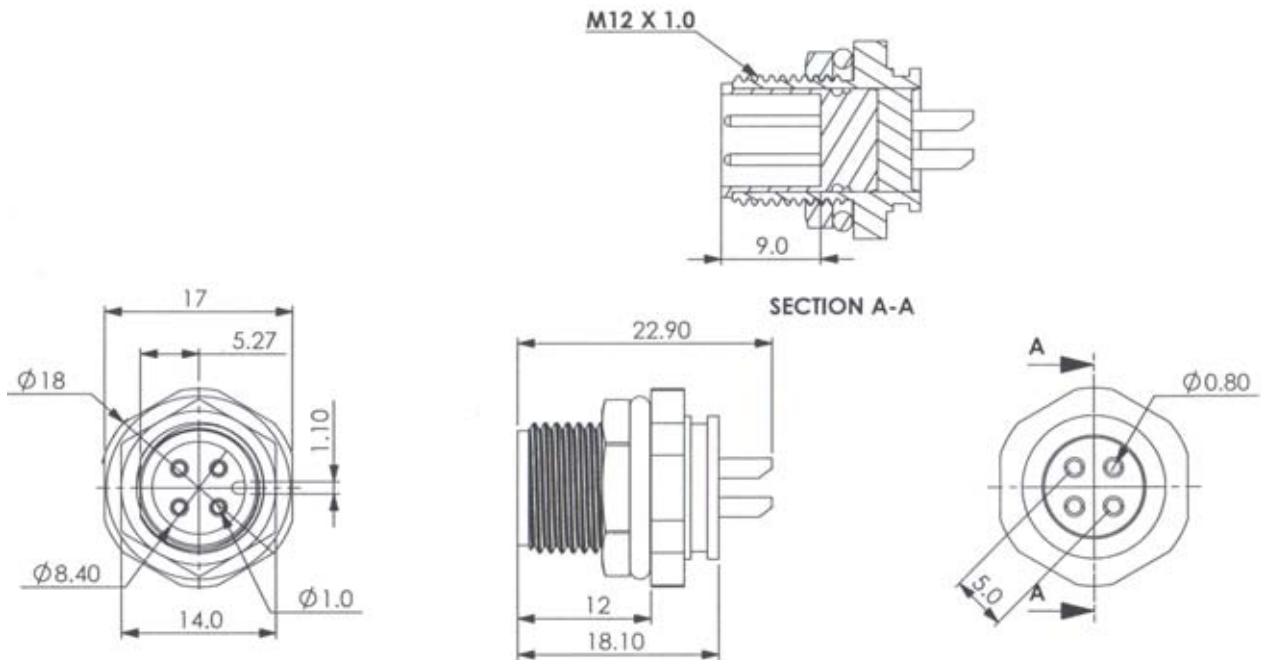
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{M}$ - $\frac{0}{3}$ $\frac{4}{4}$ $\frac{P}{P}$ $\frac{F}{F}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PF" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M12 5P MALE CONNECTOR PANEL FRONT MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

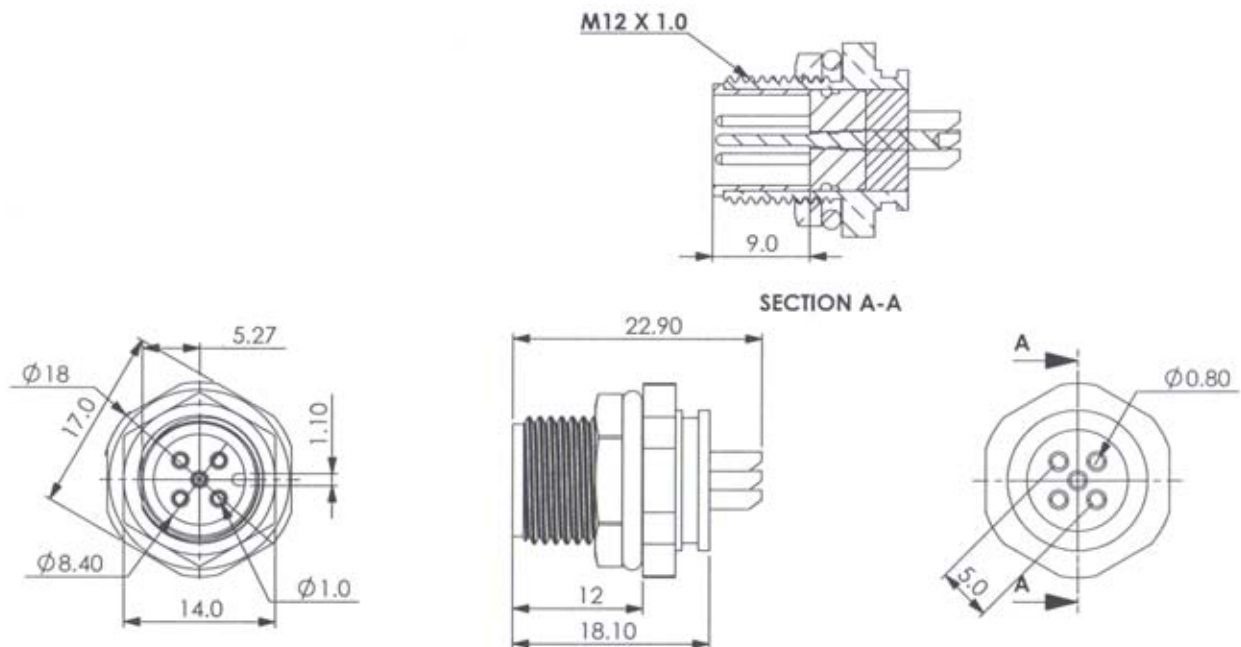
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 0.5 P F

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"PF" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M12 8P MALE CONNECTOR PANEL FRONT MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

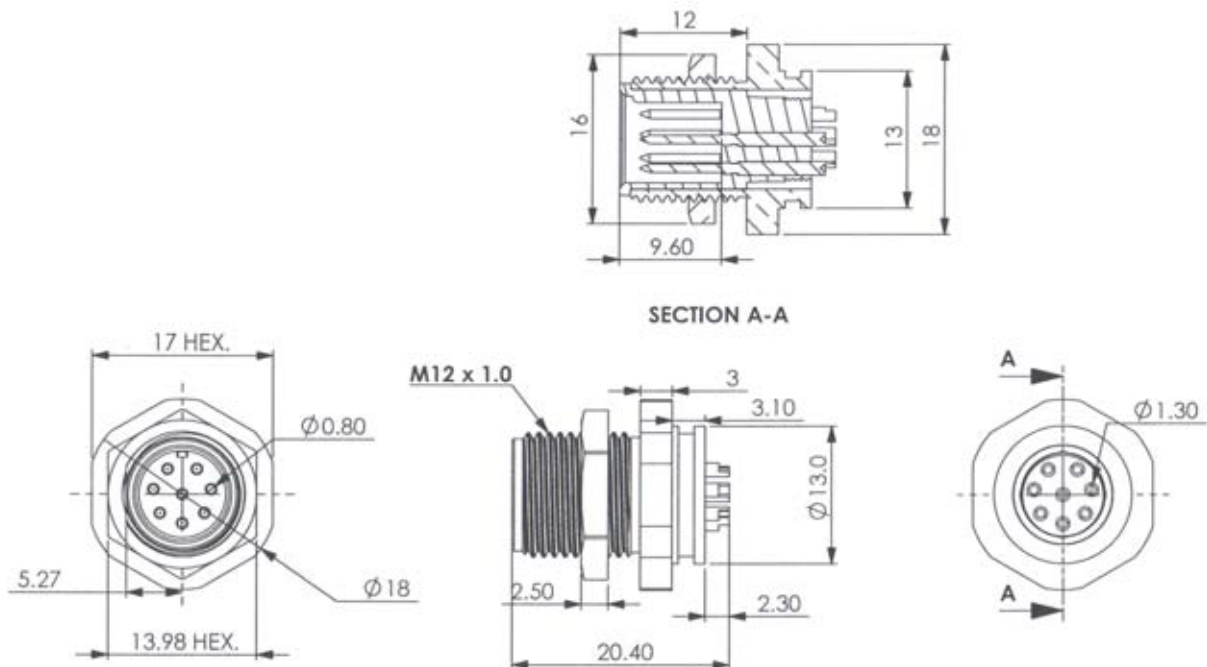
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 08 P F

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
08
4. APPLICABLE TYPE:
"PF" PANEL FRONT MOUNT SOLDER TYPE

WATERPROOF M12 3P MALE CONNECTOR PANEL REAR MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

Shield Cover: Brass, Nickel Plated

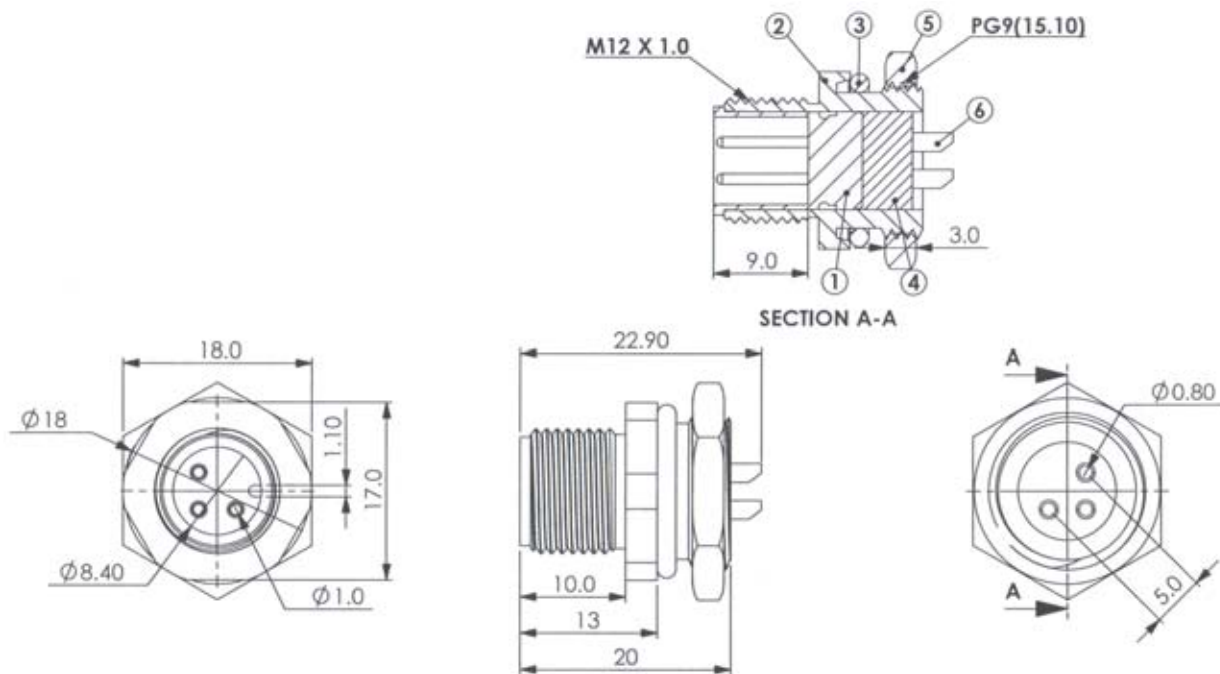
Screw Nut: Brass, Nickel Plated

O Ring: NBR

Y Glue: 5339 A/B

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 03 PR

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"PR" PANEL REAR MOUNT SOLDER TYPE

WATERPROOF M12 4P MALE CONNECTOR PANEL REAR MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

Shield Cover: Brass, Nickel Plated

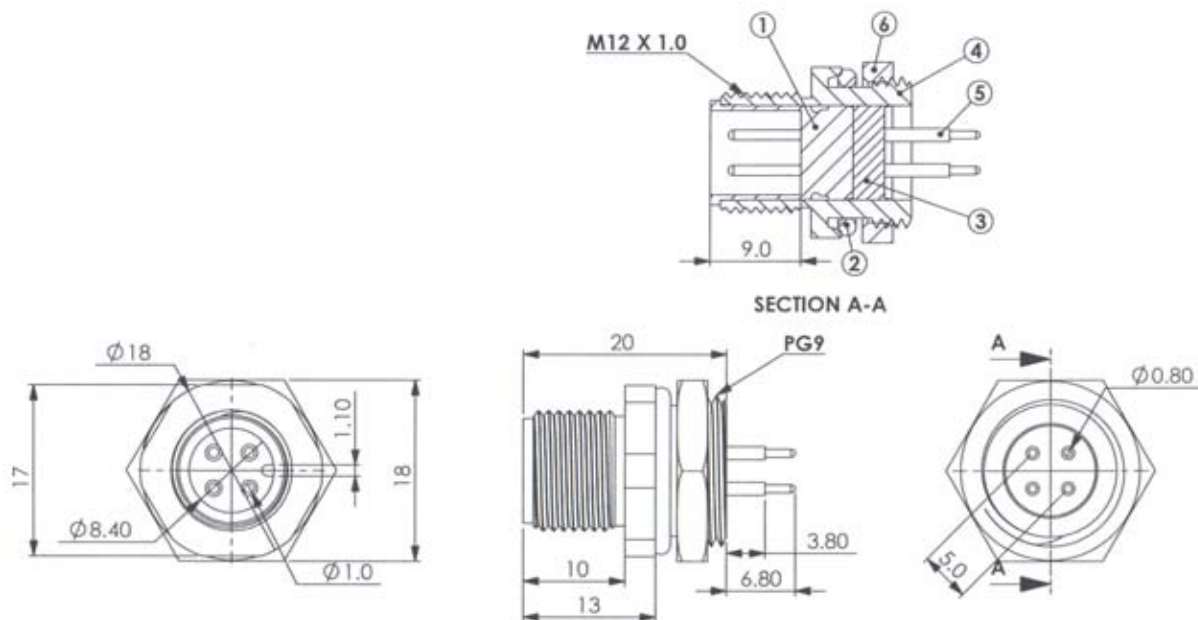
Screw Nut: Brass, Nickel Plated

O Ring: NBR

Y Glue: 5339 A/B

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{P}{4}$ $\frac{R}{4}$

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12*1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"PR" PANEL REAR MOUNT DIP TYPE

WATERPROOF M12 5P MALE CONNECTOR PANEL REAR MOUNT TYPE



SPECIFICATIONS

Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

Shield Cover: Brass, Nickel Plated

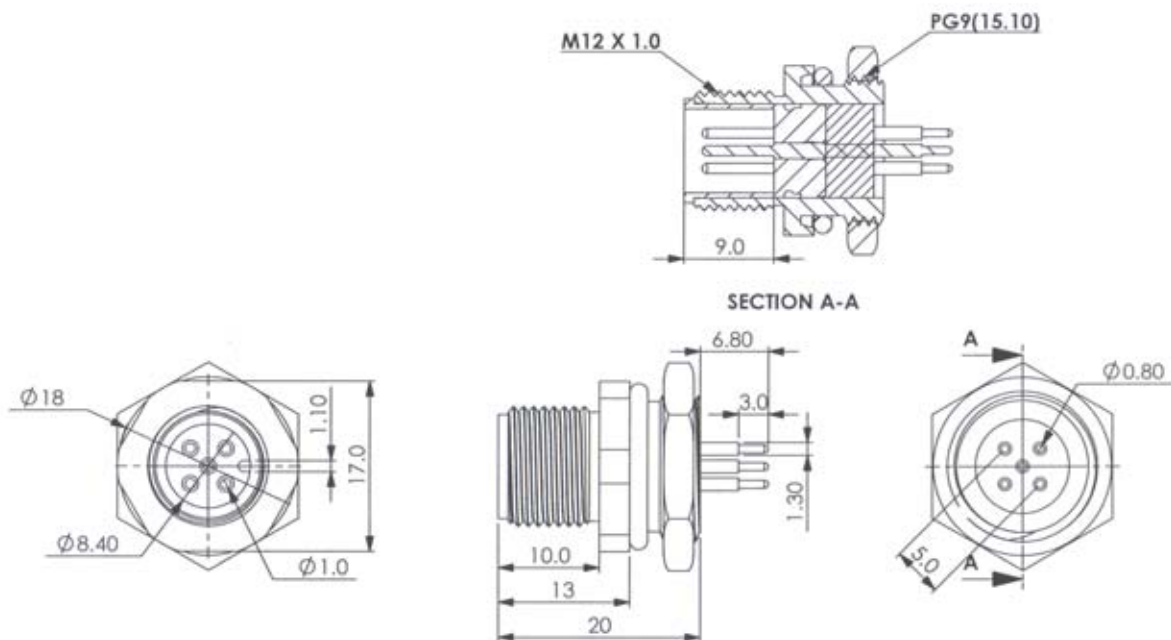
Screw Nut: Brass, Nickel Plated

O Ring: NBR

Y Glue: 5339 A/B

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0.5}{4}$ $\frac{P}{4}$ $\frac{R}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"PR" PANEL REAR MOUNT DIP TYPE

WATERPROOF M12 4P MALE CONNECTOR DC KEY TYPE



MATERIALS

Housing: Thermoplastic,
UL 94V-0 (PBT 30% Glass fiber)

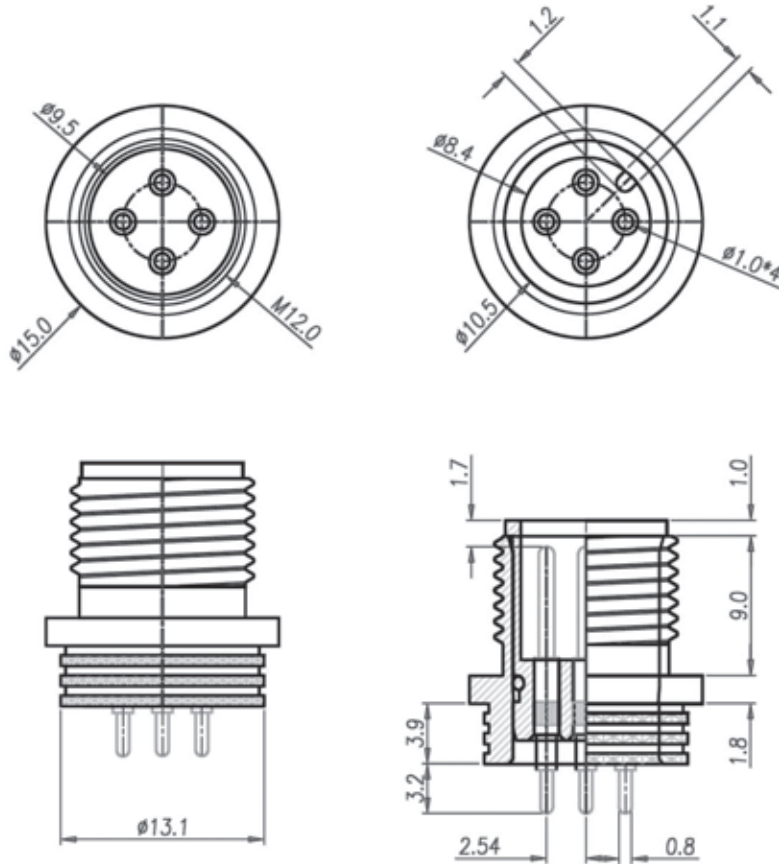
Contact: Brass; Contact plated 30u" Gold,
underplated Nickel

Shell: Brass

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

Unit: mm



P/N WPC12M-04SH

ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{4}{4}$ $\frac{S}{4}$ $\frac{H}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"SH" SINGLE DC KEY TYPE WITH EXTERNAL THREAD

WATERPROOF M12 D-CODED 4P 4A RATED MALE CONNECTOR FRONT PANEL MOUNT SOLDER TYPE

SPECIFICATION

Waterproof Rate: IP68

Recommend Panel Thickness: 0.8~5.0mm

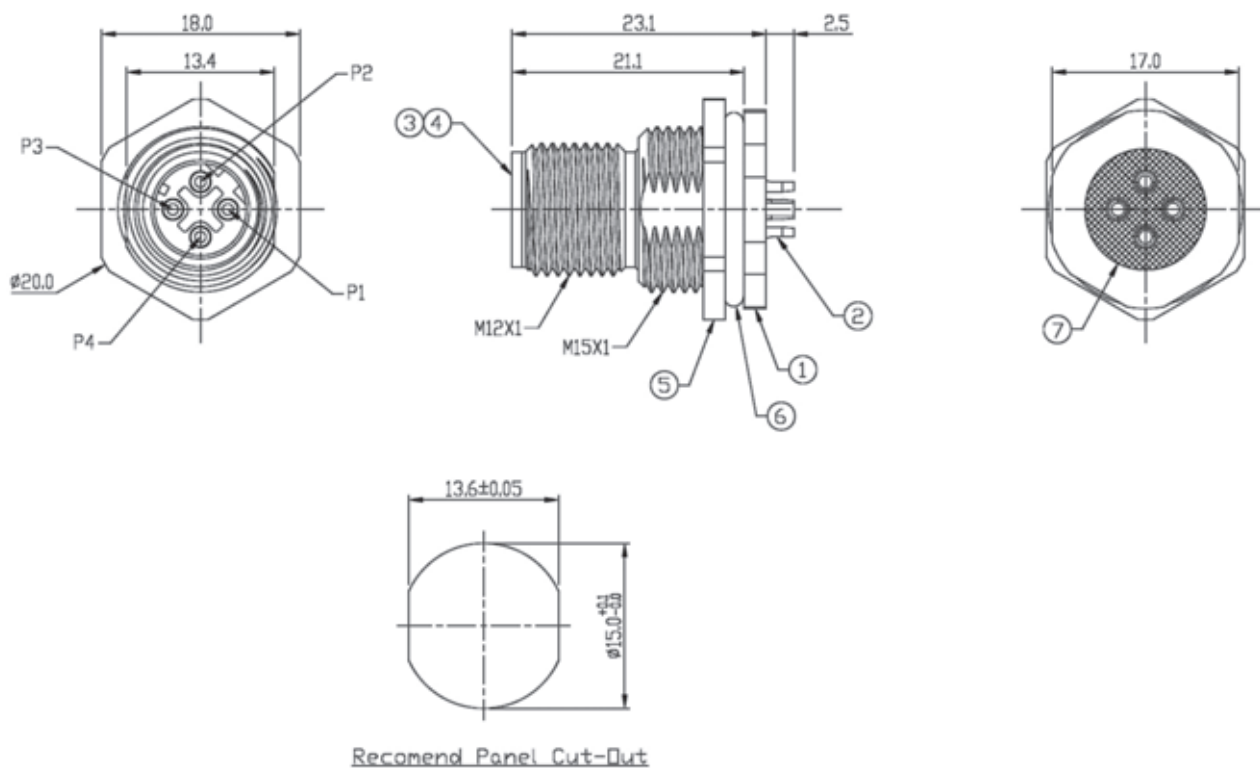
DWV: 1400 Vrms

Rated Voltage: 250V AC/DC

Insulation Resistance: 100MΩ Min.

Durability: 100 Cycles Min.

*** RoHS & REACH compliant.**



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 0 4 P G

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PG" FRONT PANEL MOUNT SOLDER TYPE

WATERPROOF M12 D-CODED 4P 4A RATED MALE CONNECTOR REAR PANEL MOUNT SOLDER TYPE

SPECIFICATION

Waterproof Rate: IP68

Recommend Panel Thickness: 0.8~2.0mm

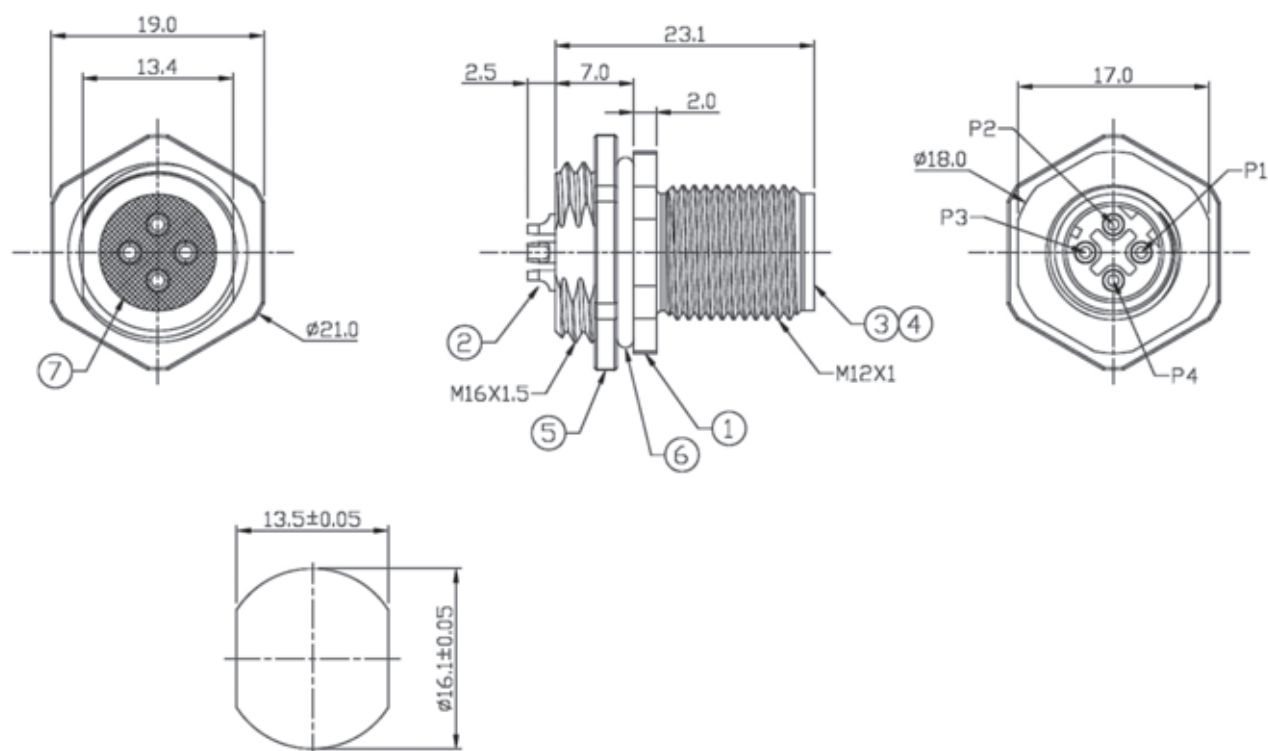
DWV: 1400 Vrms

Rated Voltage: 250V AC/DC

Insulation Resistance: 100MΩ Min.

Durability: 100 Cycles Min.

*** RoHS & REACH compliant.**



Recommend Panel Cut-Out

ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 0 4 P T

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PT" REAR PANEL MOUNT SOLDER TYPE

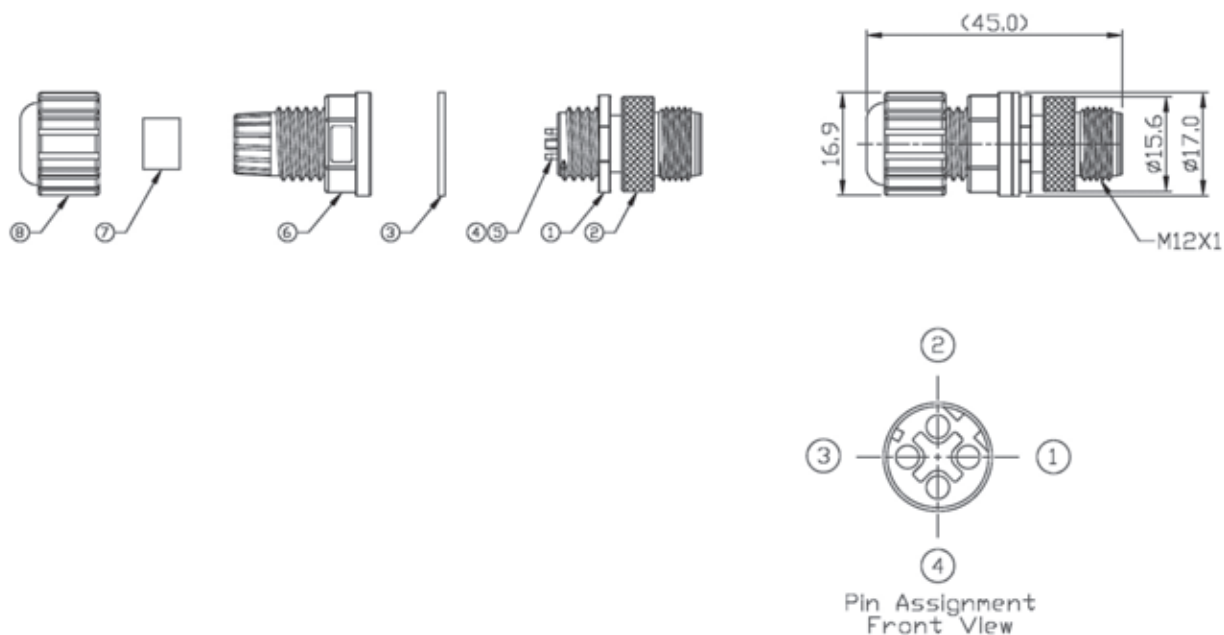
WATERPROOF M12 D-CODED 4P 4A RATED MALE CONNECTOR CABLE ASSEMBLY TYPE

SPECIFICATION

Waterproof Rate: IP68

Recommend Panel Thickness: 4.0~6.5mm

* RoHS & REACH compliant.



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{A}{4}$ C

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"AC" FIELD INSTALLABLE CABLE SOLDER TYPE

WATERPROOF M12 5P MALE CONNECTOR PANEL MOUNT DIP TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

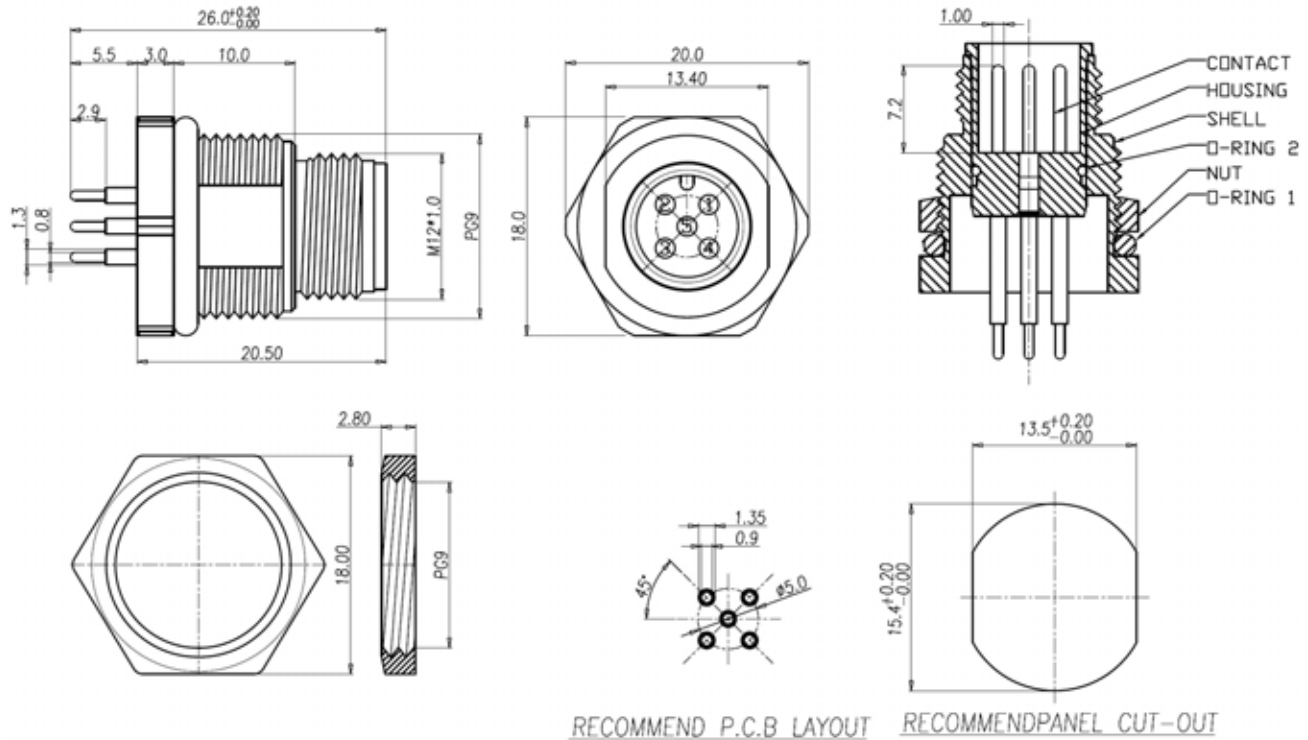
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 0.5 DA

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"DA" STRAIGHT DIP TYPE

WATERPROOF M12 10P MALE CONNECTOR PANEL MOUNT DIP TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold Plating Over Nickel

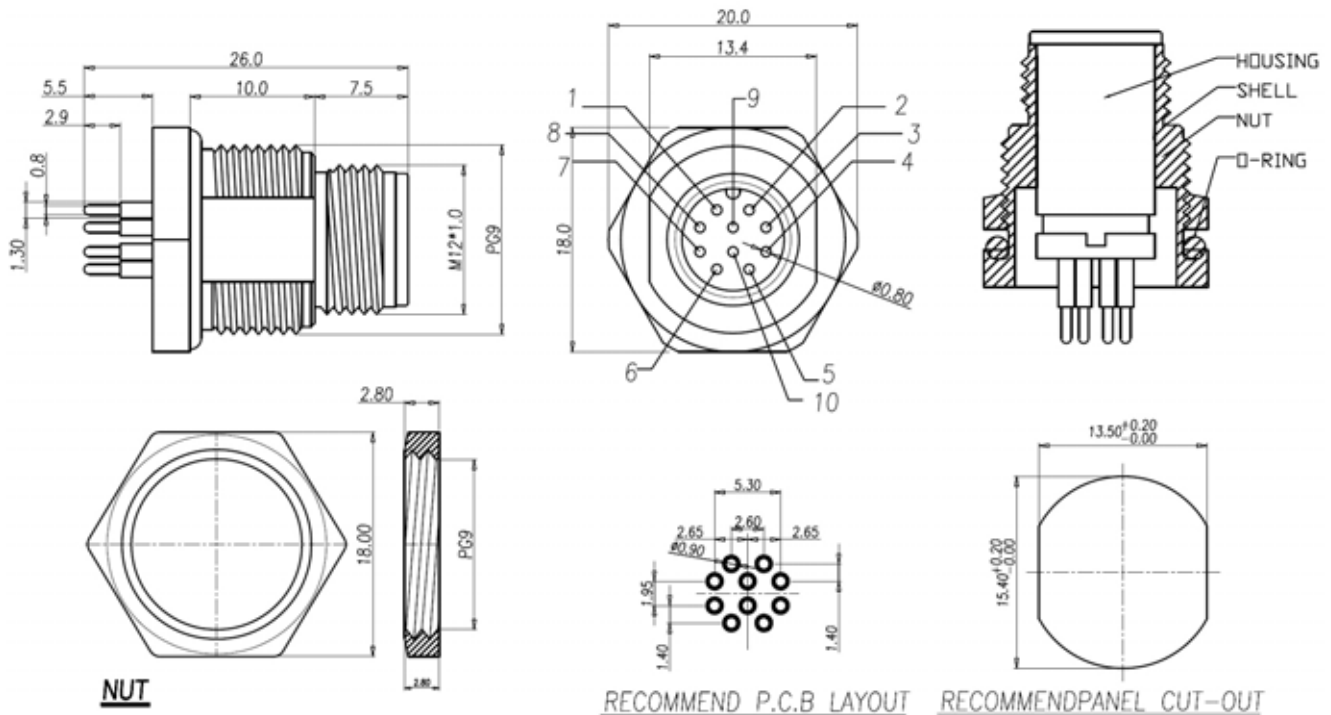
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{1}{2}$ $\frac{12}{3}$ $\frac{M}{4}$ - $\frac{10}{3}$ $\frac{DA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
10
4. APPLICABLE TYPE:
"DA" STRAIGHT DIP TYPE

WATERPROOF M12 4P MALE CONNECTOR RIGHT ANGLE DIP TYPE

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring: EPDM; Color: Black

Back Housing: PBT UL94V-0; Color: Black

Down Housing: PBT UL94V-0; Color: Black

2.Finish:

Contact: Gold Flash On Over All

Under Plate: Nickel

Shell: Stain Nickel 80u"~100u" On Over All

***RoHS & REACH compliant.**

Unit: mm

SPECIFICATION:

1.Electrical Specification:

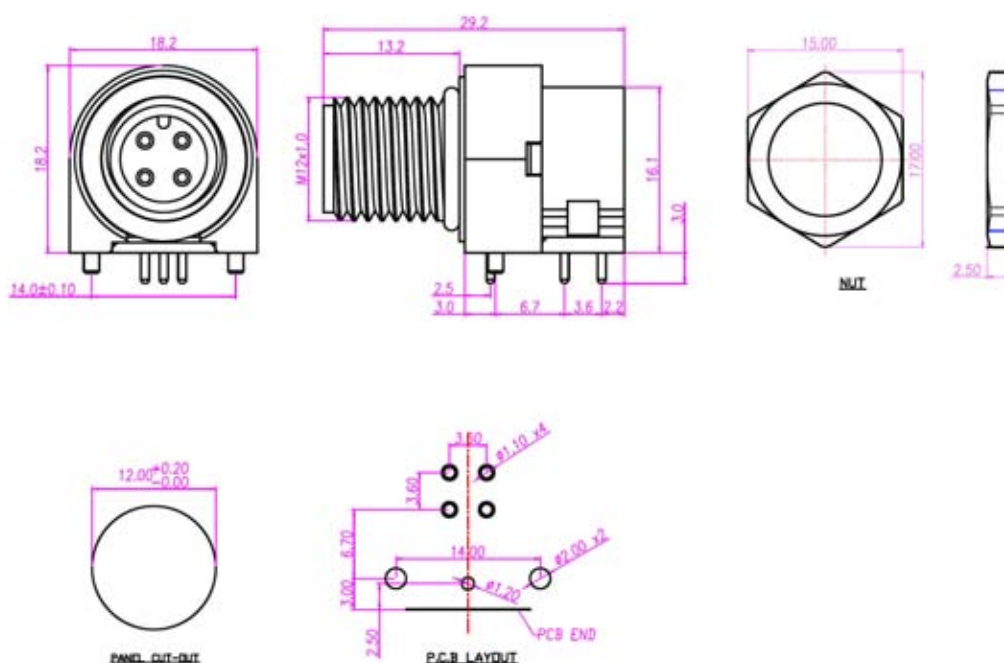
Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -40°C ~ 85°C



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 0 4 D R

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"DR" RIGHT ANGLE PCB MOUNT TYPE

WATERPROOF M12 5P MALE CONNECTOR RIGHT ANGLE DIP TYPE

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring: EPDM; Color: Black

Back Housing: PBT UL94V-0; Color: Black

Down Housing: PBT UL94V-0; Color: Black

2.Finish:

Contact: Gold Flash On Over All

Under Plate: Nickel

Shell: Stain Nickel 80u"~100u" On Over All

***RoHS & REACH compliant.**

Unit: mm

SPECIFICATION:

1.Electrical Specification:

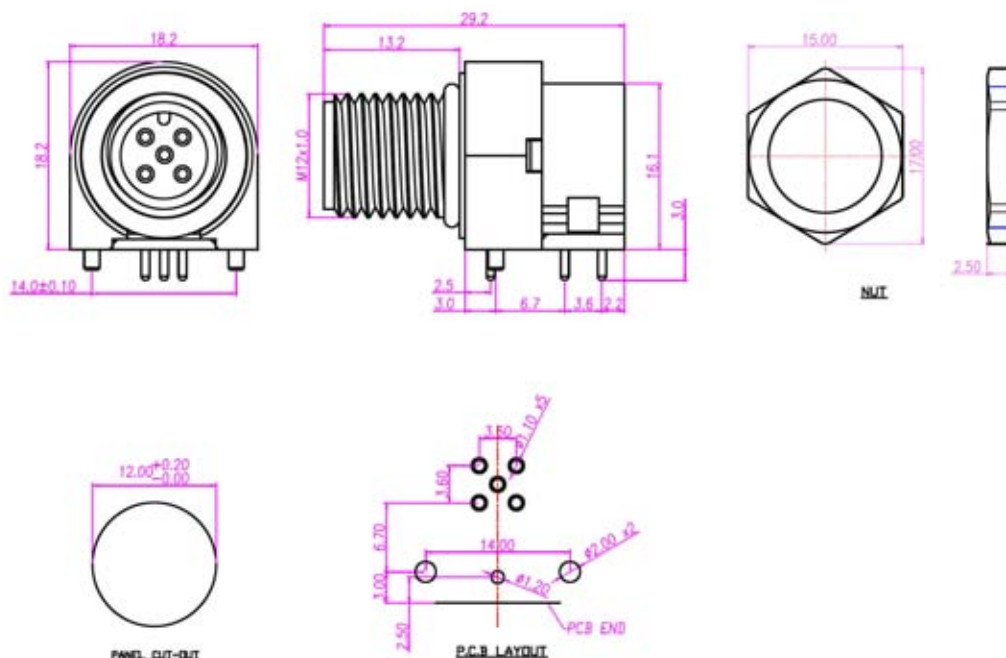
Rated Current: 5A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -40°C ~ 85°C



ORDERING INFORMATION:

P/N W P C $\frac{12}{1}$ $\frac{M}{2}$ - $\frac{05}{3}$ $\frac{D R}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"DR" RIGHT ANGLE PCB MOUNT TYPE

WATERPROOF M12 8P MALE CONNECTOR RIGHT ANGLE DIP TYPE

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Black

Contact: Brass

Nut: Brass

O-Ring: NBR; Color: Black

Back Housing: PBT UL94V-0; Color: Black

Down Housing: PBT UL94V-0; Color: Black

2.Finish:

Contact: Gold Flash On Over All

Under Plate: Nickel

Shell: Stain Nickel 80u"~100u" On Over All

***RoHS & REACH compliant.**

Unit: mm

SPECIFICATION:

1.Electrical Specification:

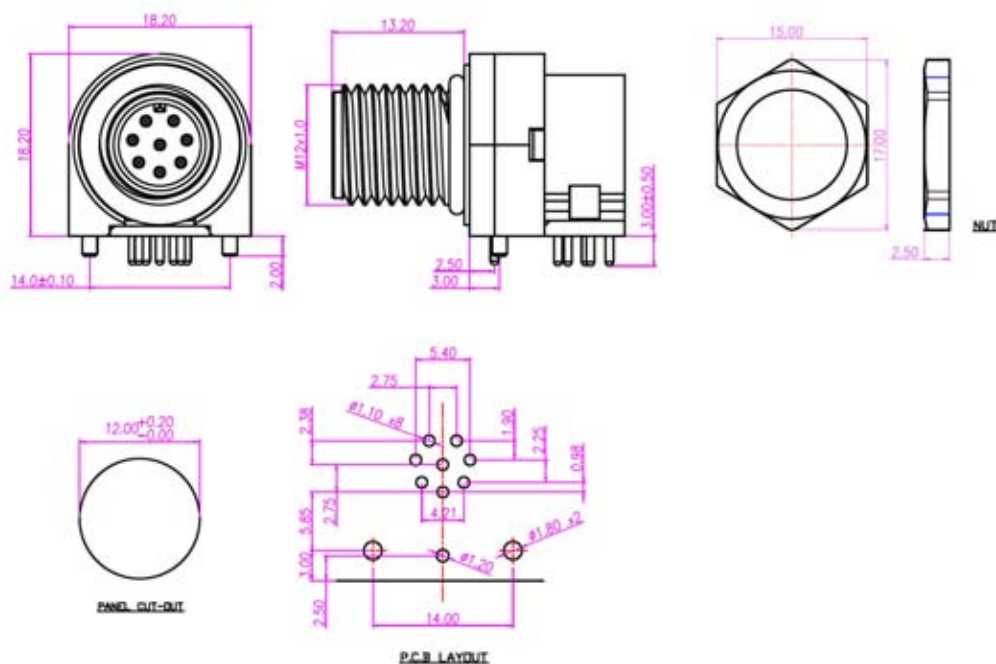
Rated Current: 3A

Rated Voltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -40°C ~ 85°C



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ M - 08 D R

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12* 1.0

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

08

4. APPLICABLE TYPE:

"DR" RIGHT ANGLE PCB MOUNT TYPE

WATERPROOF M12 D-CODED 4P 4A RATED MALE CONNECTOR FRONT PANEL MOUNT DIP TYPE

SPECIFICATION

Waterproof Rate: IP68

Recommend Panel Thickness: 0.8~5.0mm

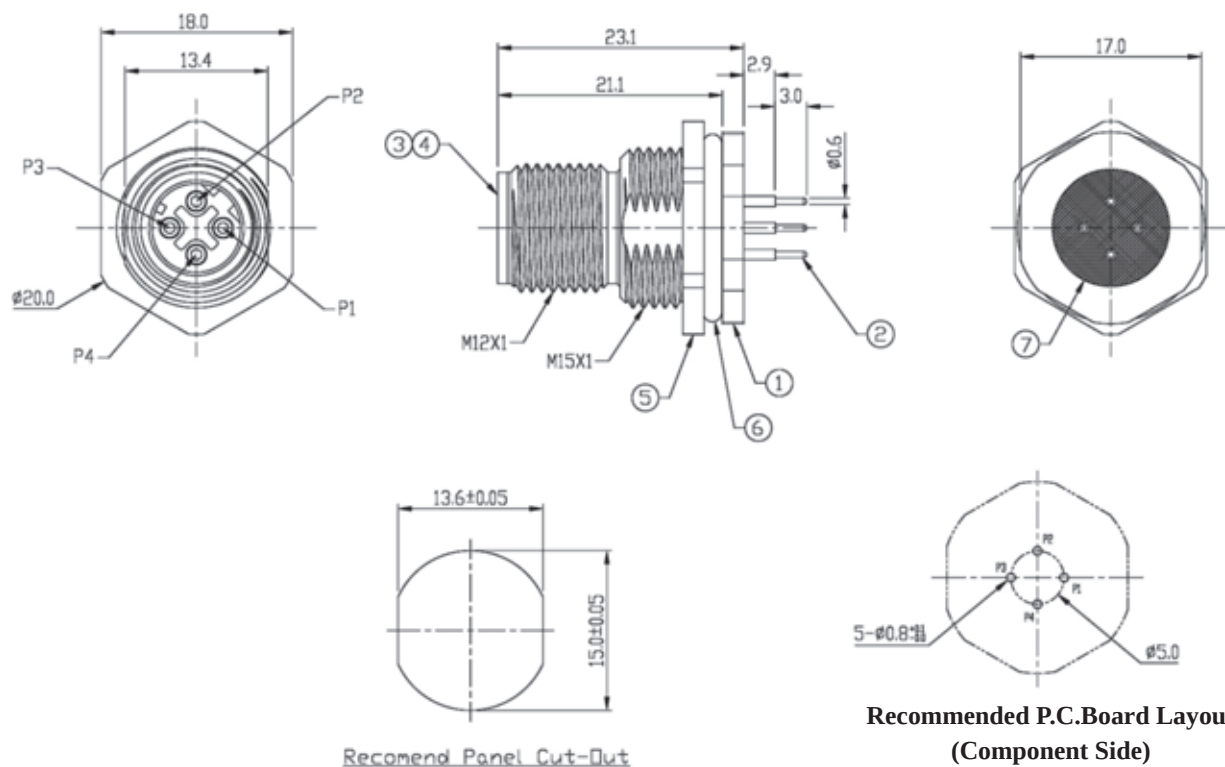
DWV: 1400 Vrms

Rated Voltage: 250V AC/DC

Insulation Resistance: 100MΩ Min.

Durability: 100 Cycles Min.

*** RoHS & REACH compliant.**



ORDERING INFORMATION:

P/N W P C $\frac{1}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{DK}{4}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12* 1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"DK" FRONT PANEL MOUNT DIP TYPE

WATERPROOF M22 (7/8") 5P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: Thermoplastic, UL 94V-0 (PBT 30% Glass fiber)

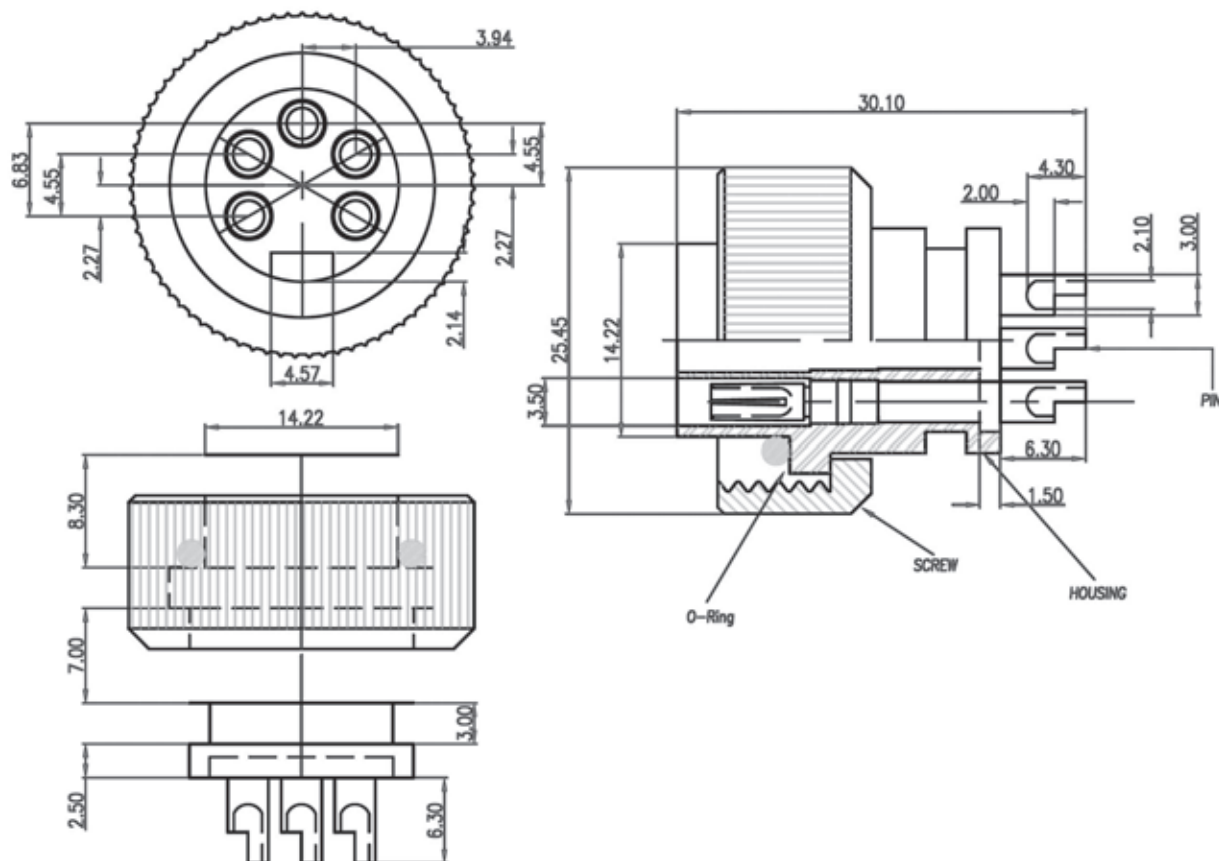
Terminal: Brass; Gold flash

Screw: Brass; Nickel plated 100u"

Waterproof Test: IP67 Rated

* RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N W P C 22F - 05SA
1234

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"SA" SOLDER TYPE FOR CABLE ASSEMBLY

WATERPROOF M22 (7/8") 6P FEMALE CONNECTOR CABLE SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

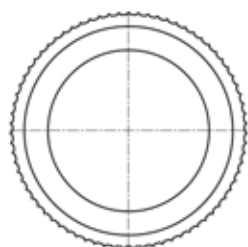
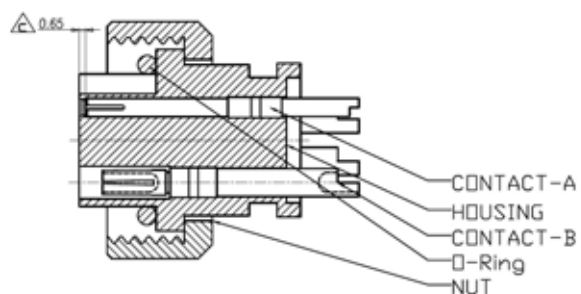
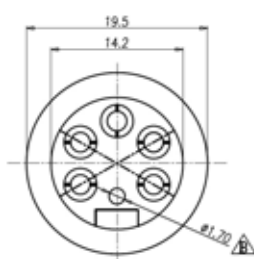
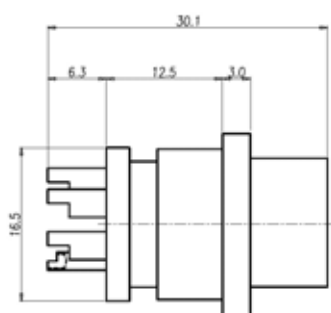
Contact: Brass; Gold plated

Nut: Brass; Nickel Plated

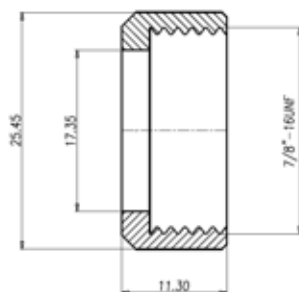
Waterproof: IPX7

* RoHS & REACH compliant.

Unit: mm



NUT



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ F - $\frac{0}{3}$ $\frac{6}{4}$ S B

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"SB" SOLDER TYPE FOR CABLE ASSEMBLY



SPECIFICATIONS

Current: 20A

Operation Temperature: -50°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

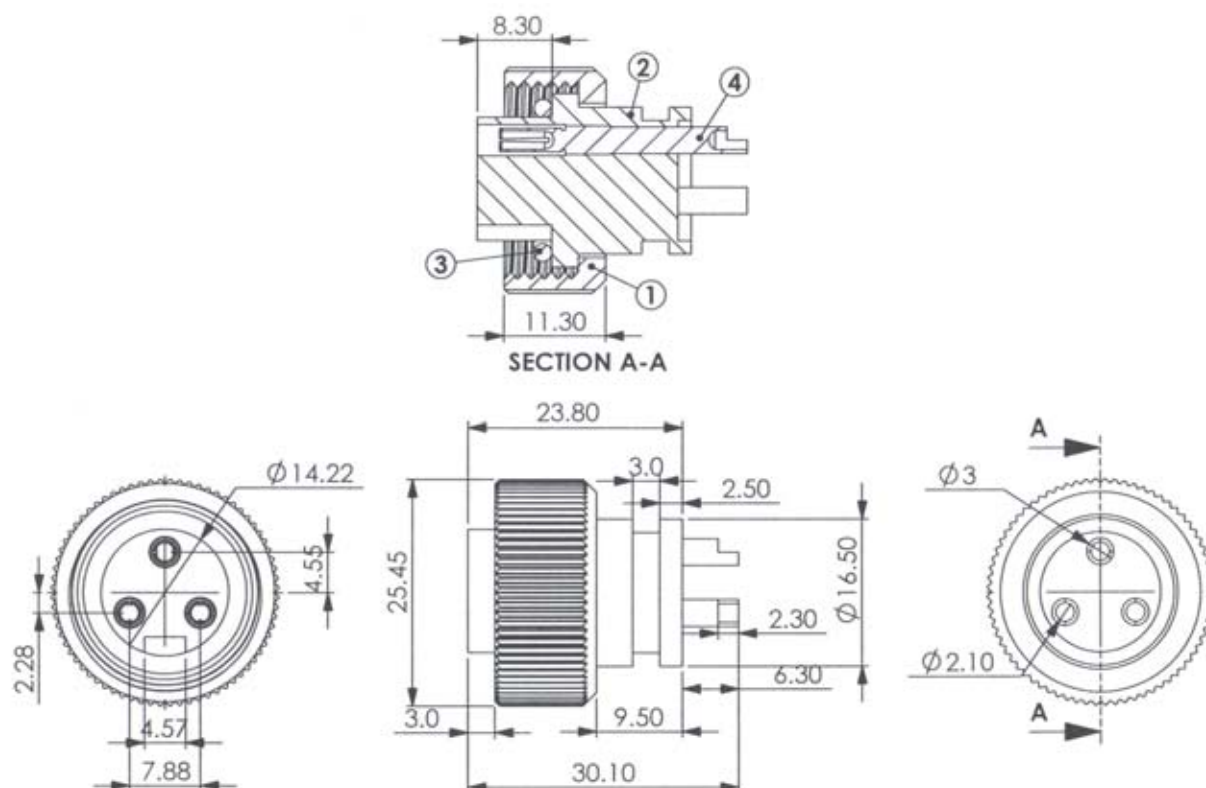
Housing: PBT + GF30%

Terminals: Brass, Gold Plated

Screw Cap: Brass, Nickel Plated

O Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C 2 2 F - 0 3 M D
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:

"22" SCREW 7/8"-16UN

2. CONNECTOR TYPE:

"F" FEMALE (JACK)

3. NO. OF CONTACTS:

03

4. APPLICABLE TYPE:

"MD" CABLE MOLDING TYPE

WATERPROOF M22(7/8") 4P FEMALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -50°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: PBT + GF30%

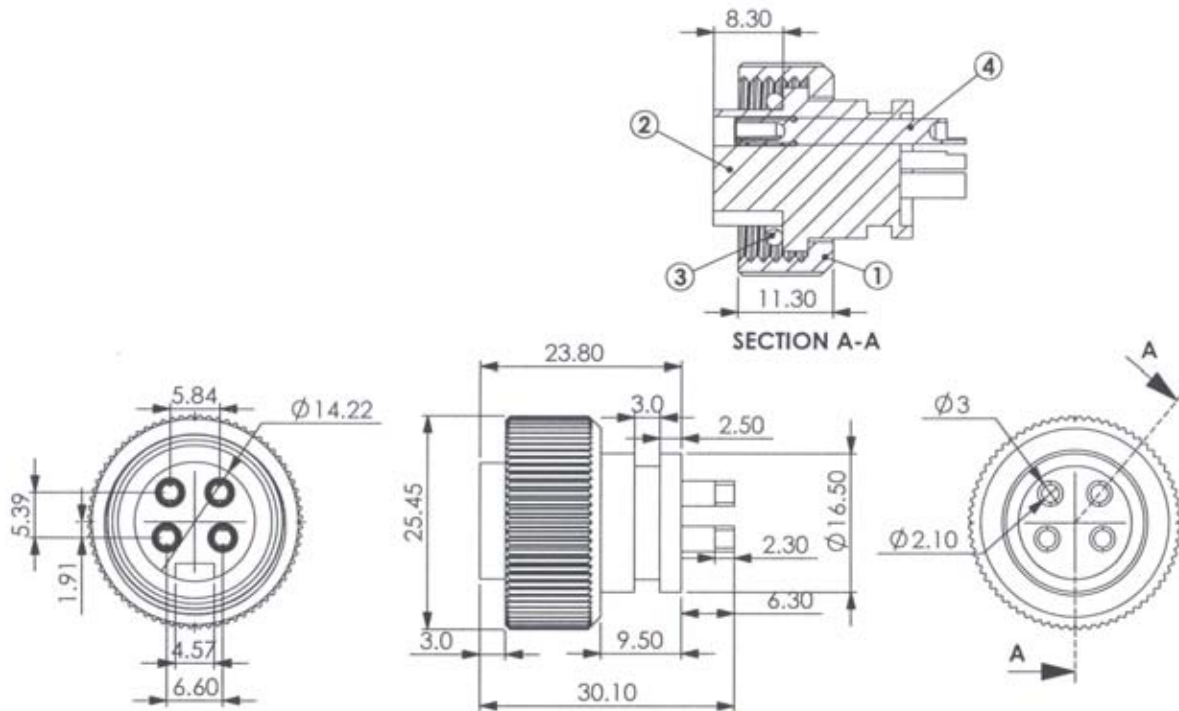
Terminals: Brass, Gold Plated

Screw Cap: Brass, Nickel Plated

Ring Cap: Brass, Nickel Plated

O Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ F - $\frac{0}{3}$ $\frac{4}{4}$ M D

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M22(7/8") 5P FEMALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -50°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: PBT + GF30%

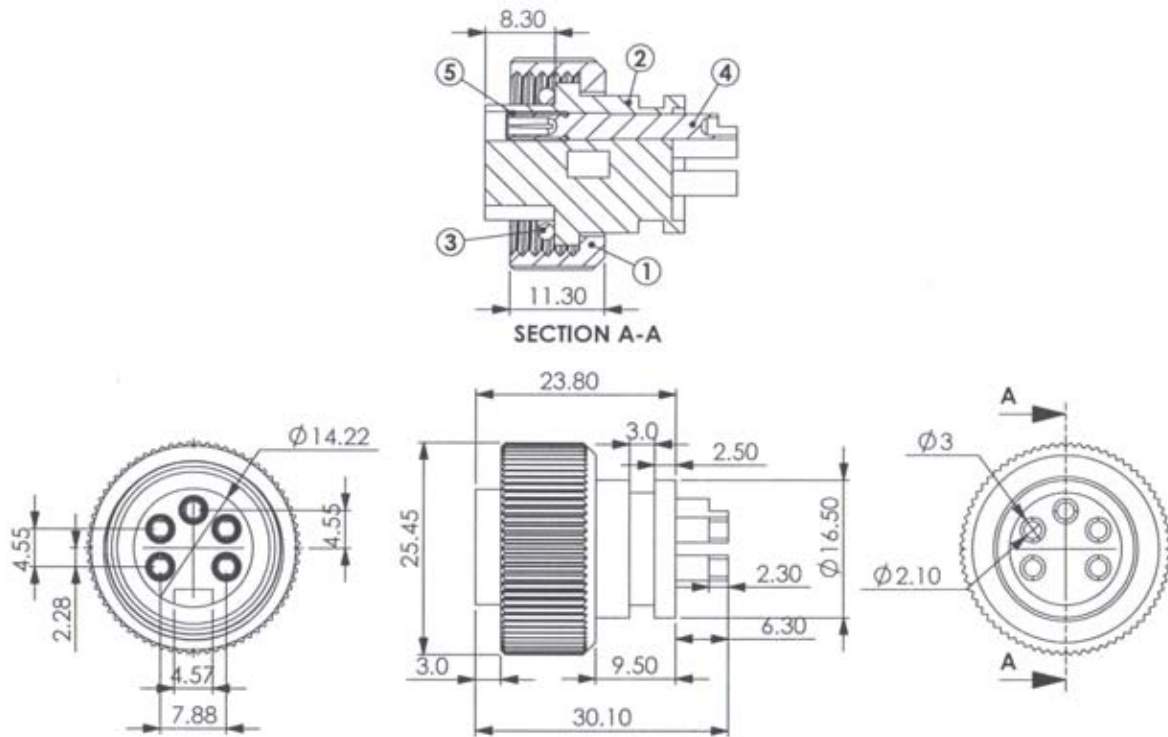
Terminals: Brass, Gold Plated

Screw Cap: Brass, Nickel Plated

Ring Cap: Brass, Nickel Plated

O Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C 2 2 F - 0 5 M D
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M22(7/8") 6P FEMALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -50°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: PBT + GF30%

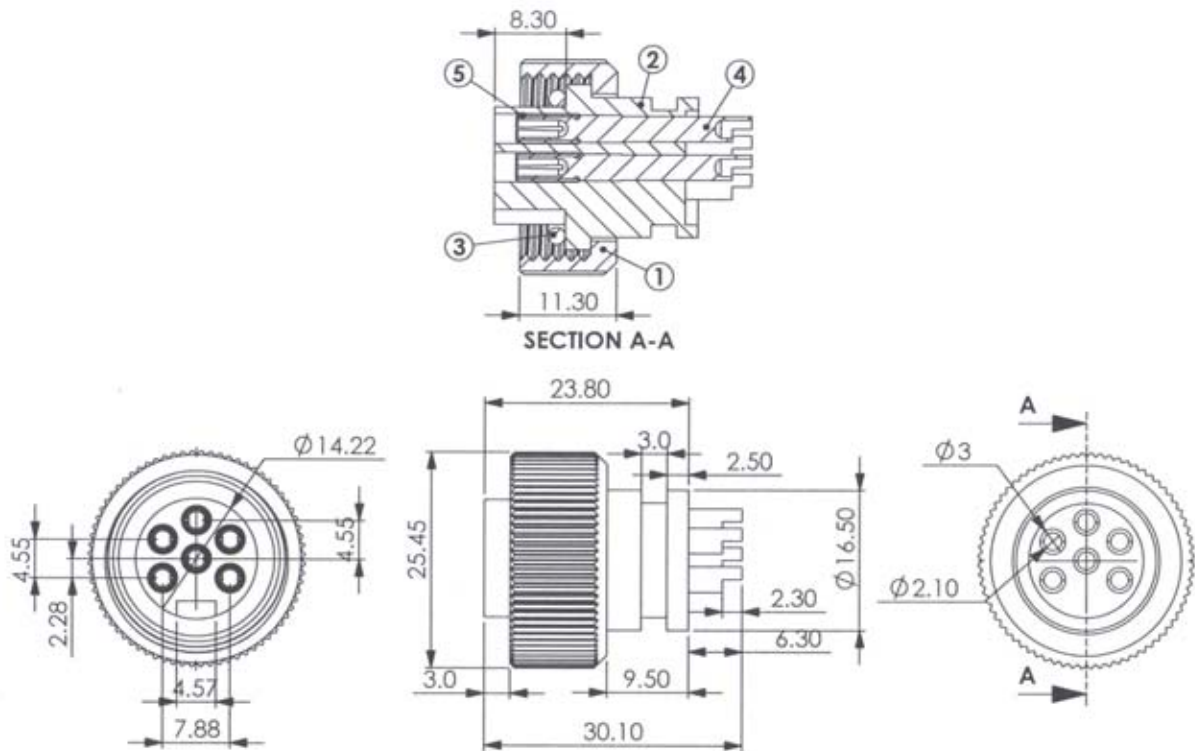
Terminals: Brass, Gold Plated

Screw Cap: Brass, Nickel Plated

Ring Cap: Brass, Nickel Plated

O Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C 2 2 F - 0 6 M D
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M22(7/8") 3P FEMALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

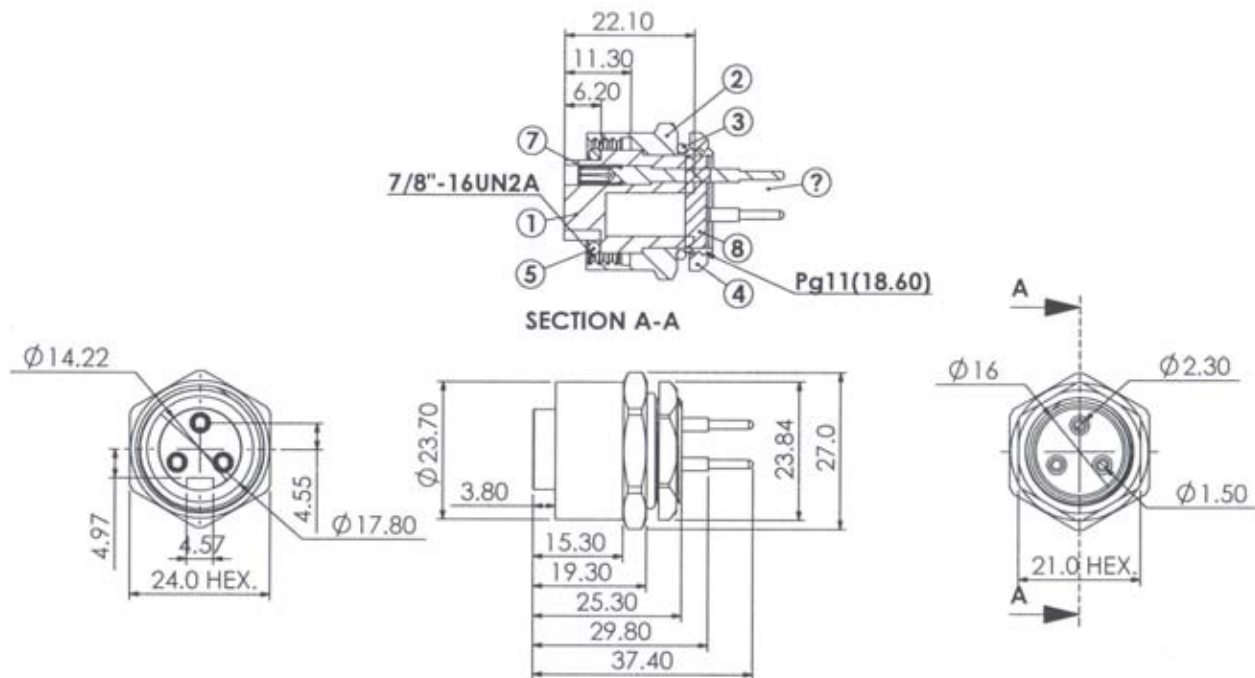
Sealed Ring: NBR

Terminals: Brass, Gold Plated

Ring Cap: Brass, Nickel Plated

O Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C 2 2 F - 0 3 P A

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"PA" PANEL MOUNT TYPE

WATERPROOF M22(7/8") 4P FEMALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

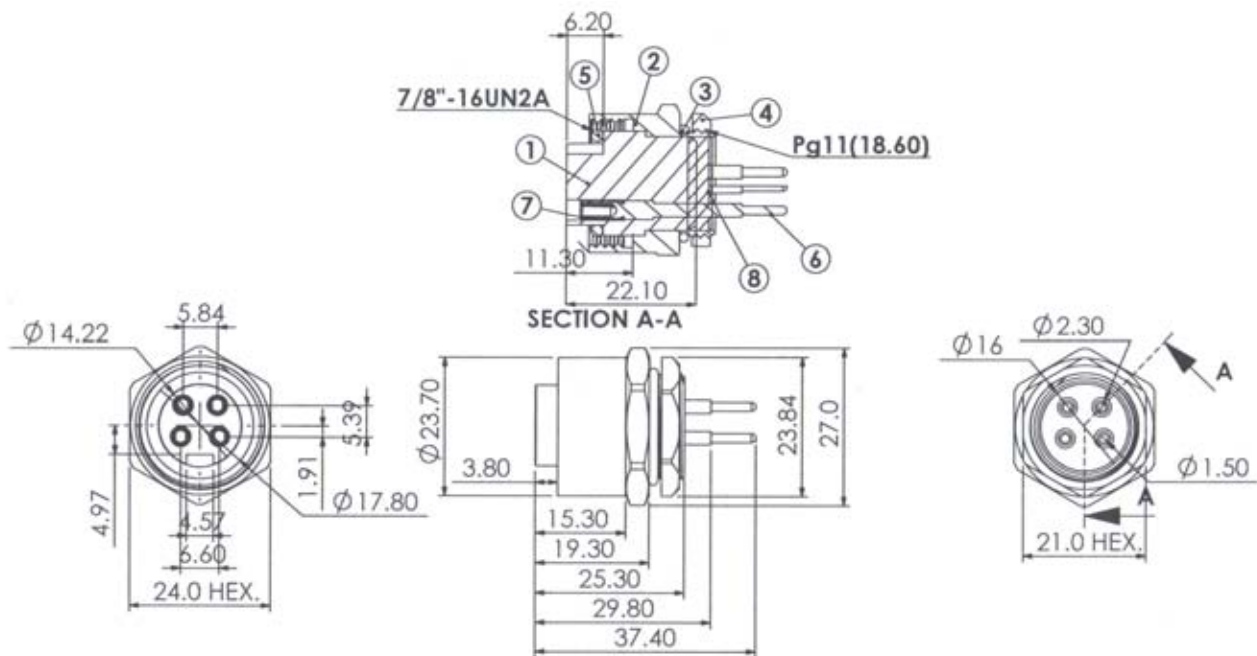
Sealed Ring: NBR

Terminals: Brass, Gold Plated

Ring Cap: Brass, Nickel Plated

O Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C 2 2 F - 0 4 P A
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PA" PANEL MOUNT TYPE

WATERPROOF M22(7/8") 5P FEMALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

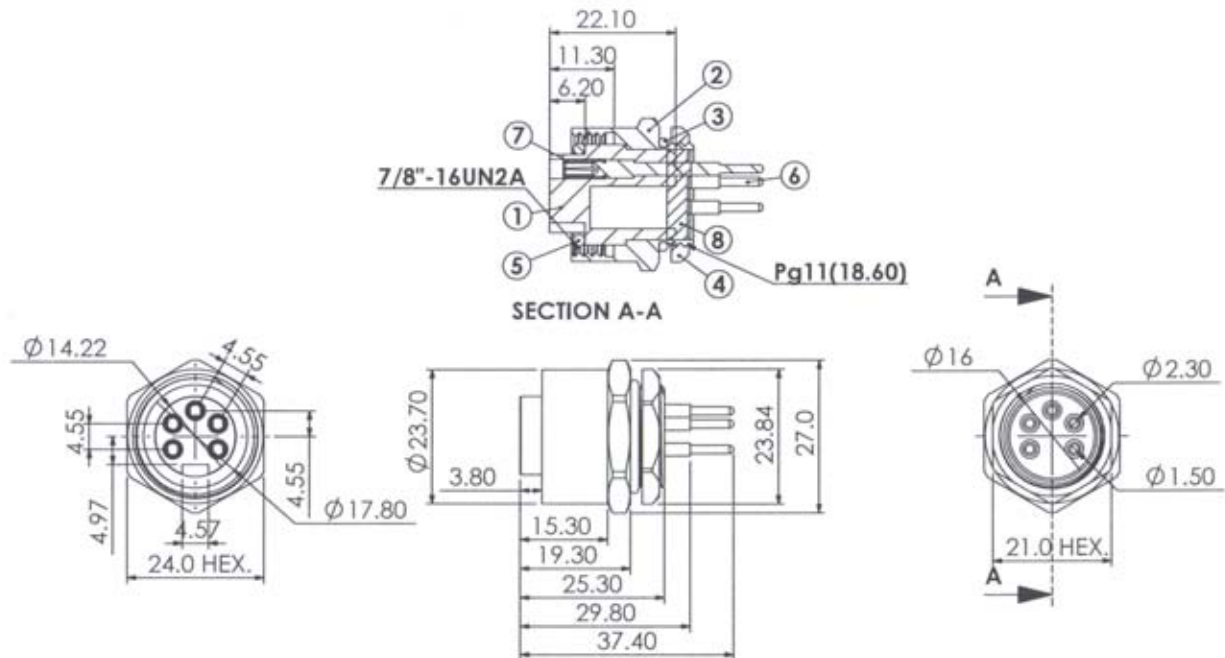
Sealed Ring: NBR

Terminals: Brass, Gold Plated

Ring Cap: Brass, Nickel Plated

O Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C 2 2 F - 0 5 P A
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"PA" PANEL MOUNT TYPE

WATERPROOF M22 (7/8") 5P FEMALE CONNECTOR PANEL MOUNT SOLDER TYPE



MATERIALS

Housing: PBT, UL 94V-0

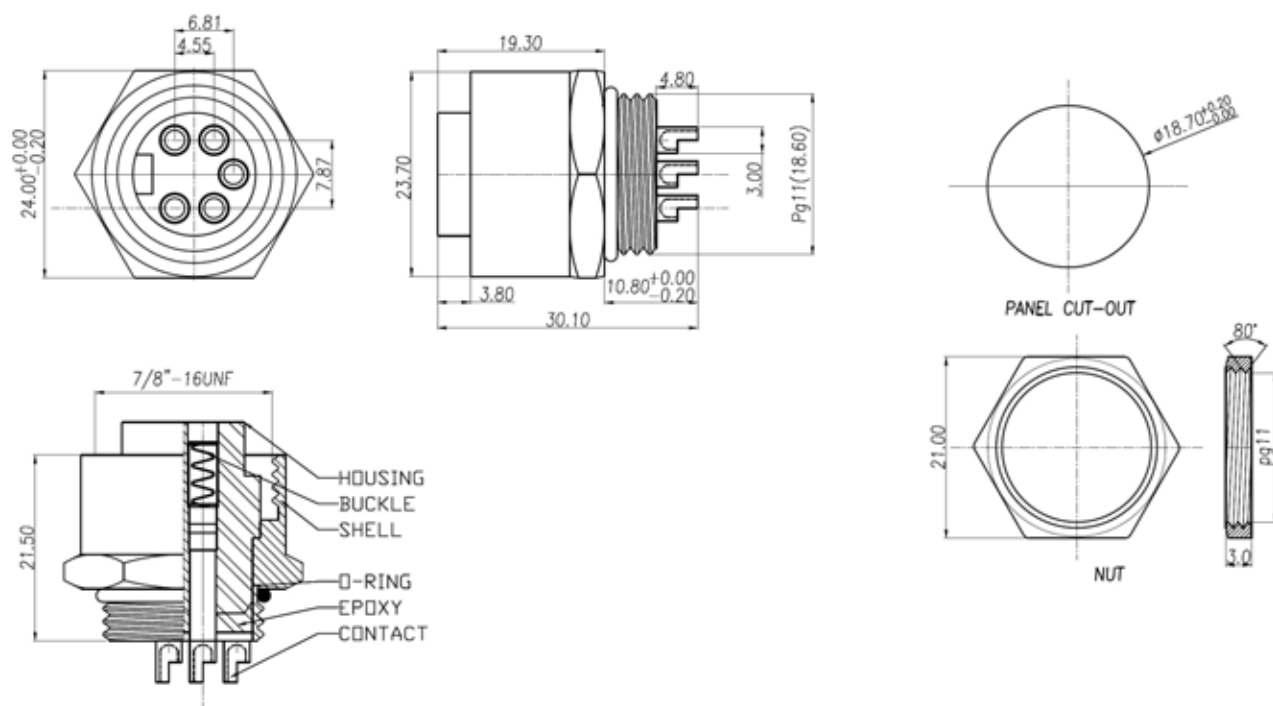
Contact: Brass; Gold Plating Over Nickel

Shell: Brass; Nickel Plated

Waterproof: IPX7

* RoHS & REACH compliant.

Unit: mm

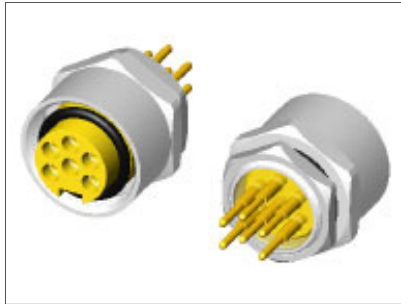


ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ F - $\frac{0}{3}$ $\frac{5}{4}$ P B

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"PB" PANEL MOUNT SOLDER TYPE

WATERPROOF M22(7/8") 6P FEMALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

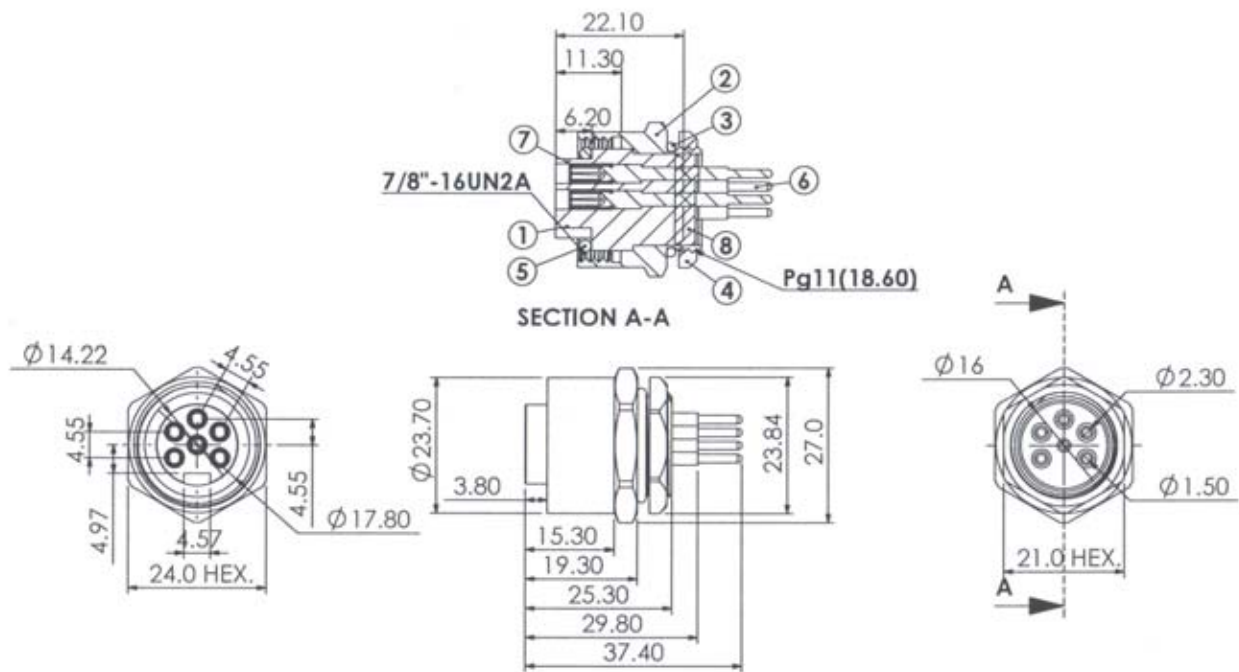
Sealed Ring: NBR

Terminals: Brass, Gold Plated

Ring Cap: Brass, Nickel Plated

O Ring: NBR

Unit: mm



ORDERING INFORMATION:

P/N W P C 2 2 F - 0 6 P A
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"PA" PANEL MOUNT TYPE

WATERPROOF M22 (7/8") 5P FEMALE CONNECTOR STRAIGHT PCB MOUNT TYPE



SPECIFICATIONS

Rated Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000 Megaohms min.

Dielectric Strength: 500V AC min.

Waterproof Test: IP67

*** RoHS & REACH compliant.**

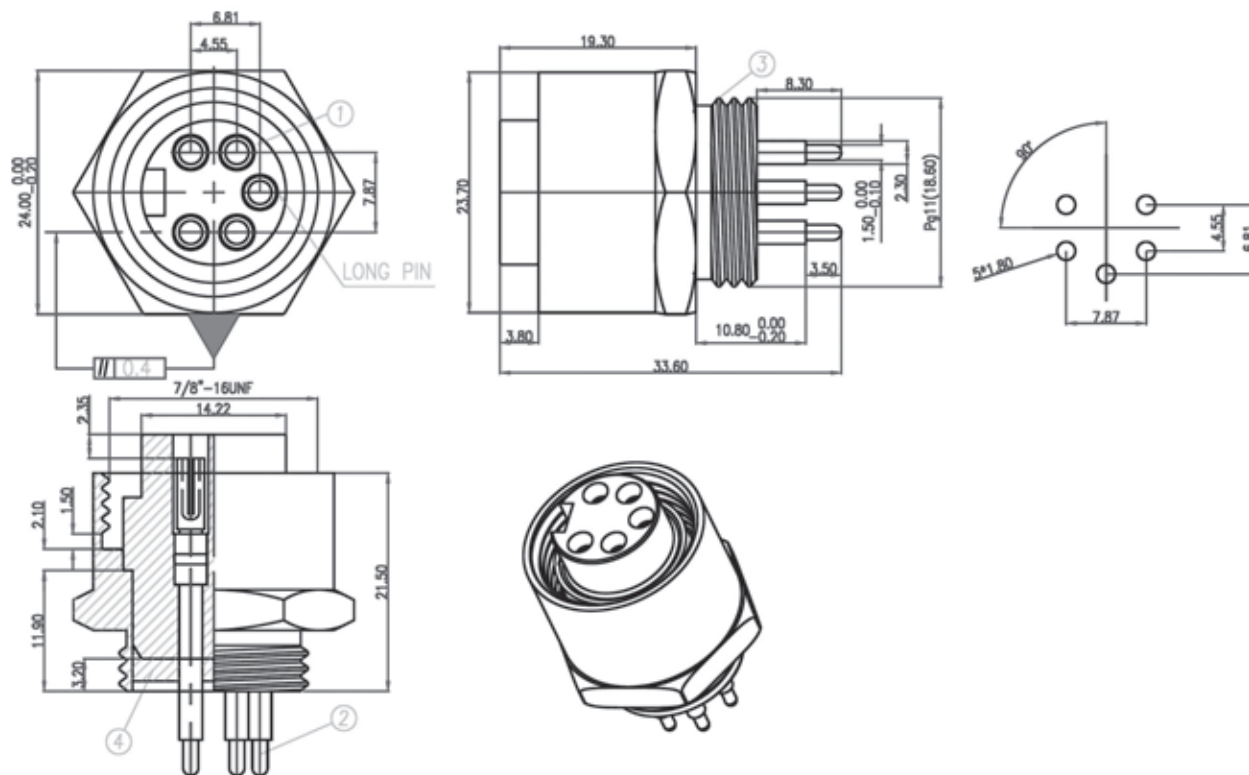
MATERIALS

Housing: Thermoplastic, UL 94V-0

Contact: Brass; Contact plated 30u" Gold

Shell: Brass; Nickel 100u"

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{22}{1}$ $\frac{F}{2}$ - $\frac{05}{3}$ $\frac{DA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"DA" SINGLE DC KEY TYPE WITH
INTERNAL THREAD

WATERPROOF M22 (7/8") 5P FEMALE CONNECTOR MINI DNET OUT TYPE



SPECIFICATIONS

Rated Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000 Megaohms min.

Dielectric Strength: 500V AC min.

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

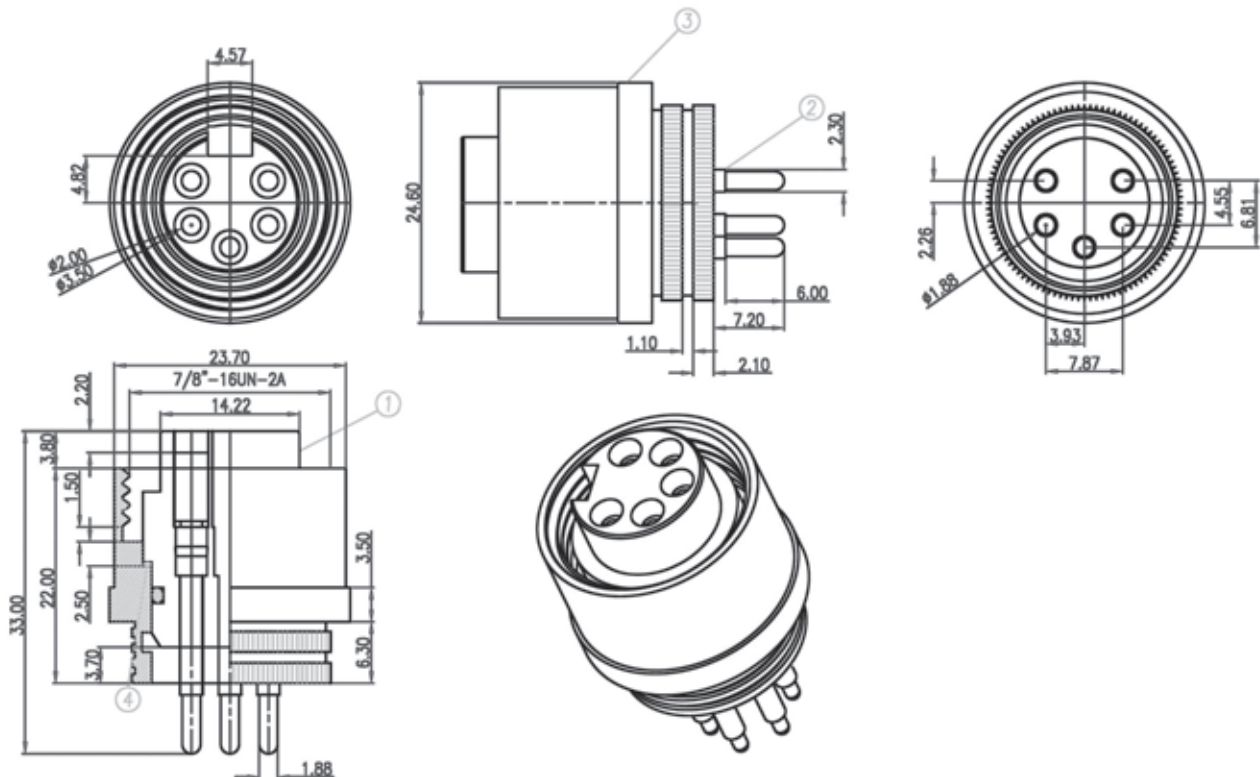
MATERIALS

Housing: Thermoplastic, UL 94V-0

Contact: Brass; Contact plated 30u" Gold

Shell: Brass; Nickel 100u"

Unit: mm



ORDERING INFORMATION:

P/N W P C 2 2 F - 0 5 D B
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"DB" MINI DNET OUT TYPE

WATERPROOF M22(7/8") 4P MALE CONNECTOR CABLE SOLDER TYPE



SPECIFICATION:

1.Electrical Specification:

Rated Current: 20A

Rated Oltage: 125V

Water proof: IP67

2.Environmental:

Operating Temperature: -20°C ~ 85°C

MATERIALS:

1.Material:

Housing: PBT UL94V-0; Color: Yellow

Contact: Brass

Nut: Brass

O-Ring: NBR; Color: Black

Epoxy Base: EF400A & EF400B; Color: Black

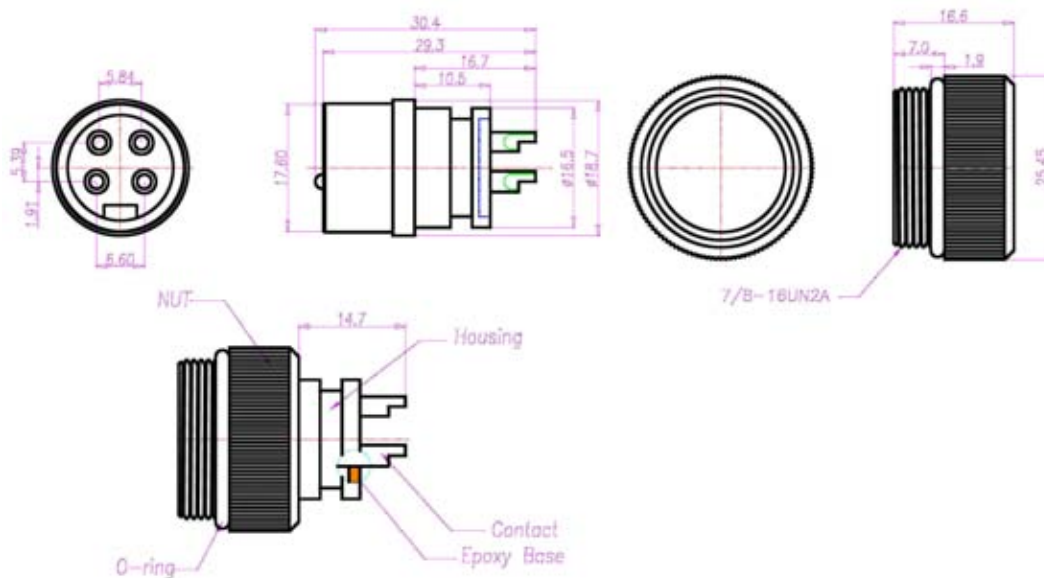
2.Finish:

Contact: Gold Flash Micro Inches Min

Nut: Nickel Plated Over All

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{SA}{4}$

1. CONNECTOR LOCKING SYSTEM:

"22" SCREW 7/8-16 UN2A

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"SA" CABLE SOLDER TYPE

WATERPROOF M22(7/8") 3P MALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 20A

Operation Temperature: -50°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

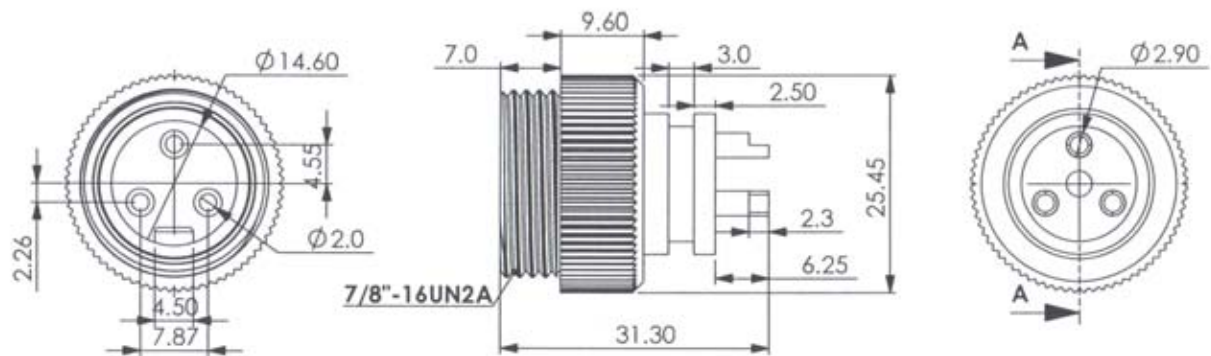
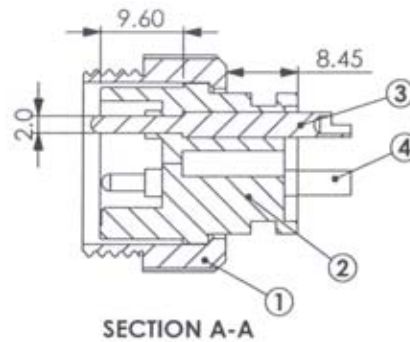
MATERIALS

Housing: PBT + GF30%

Terminals: Brass, Gold Plated

Screw Cap: Brass, Nickel Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{3}$ $\frac{M}{4}$ $\frac{D}{4}$

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M22(7/8") 4P MALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -50°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

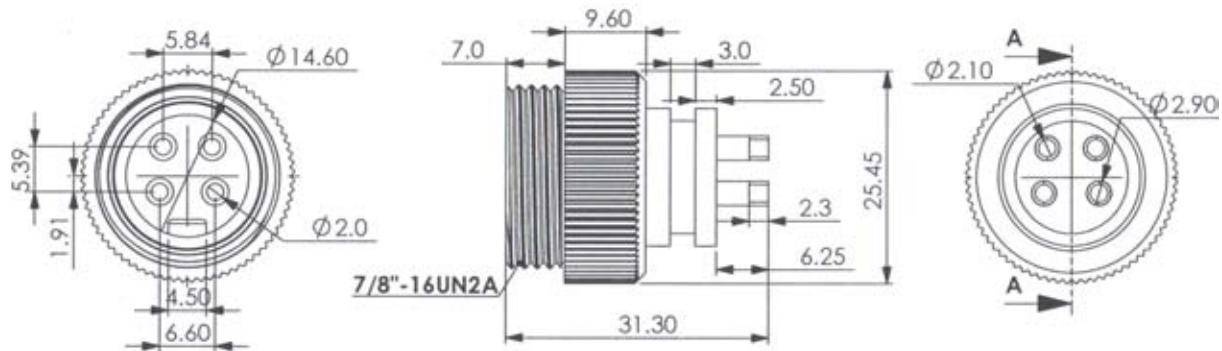
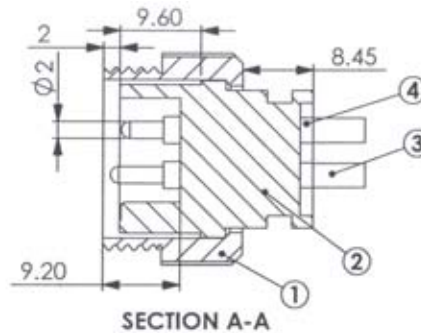
MATERIALS

Housing: PBT + GF30%

Terminals: Brass, Gold Plated

Screw Cap: Brass, Nickel Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ M - 0 $\frac{4}{3}$ M D $\frac{4}{4}$

1. CONNECTOR LOCKING SYSTEM:

"22" SCREW 7/8"-16UN

2. CONNECTOR TYPE:

"M" MALE (PLUG)

3. NO. OF CONTACTS:

04

4. APPLICABLE TYPE:

"MD" CABLE MOLDING TYPE

WATERPROOF M22(7/8") 5P MALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -50°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

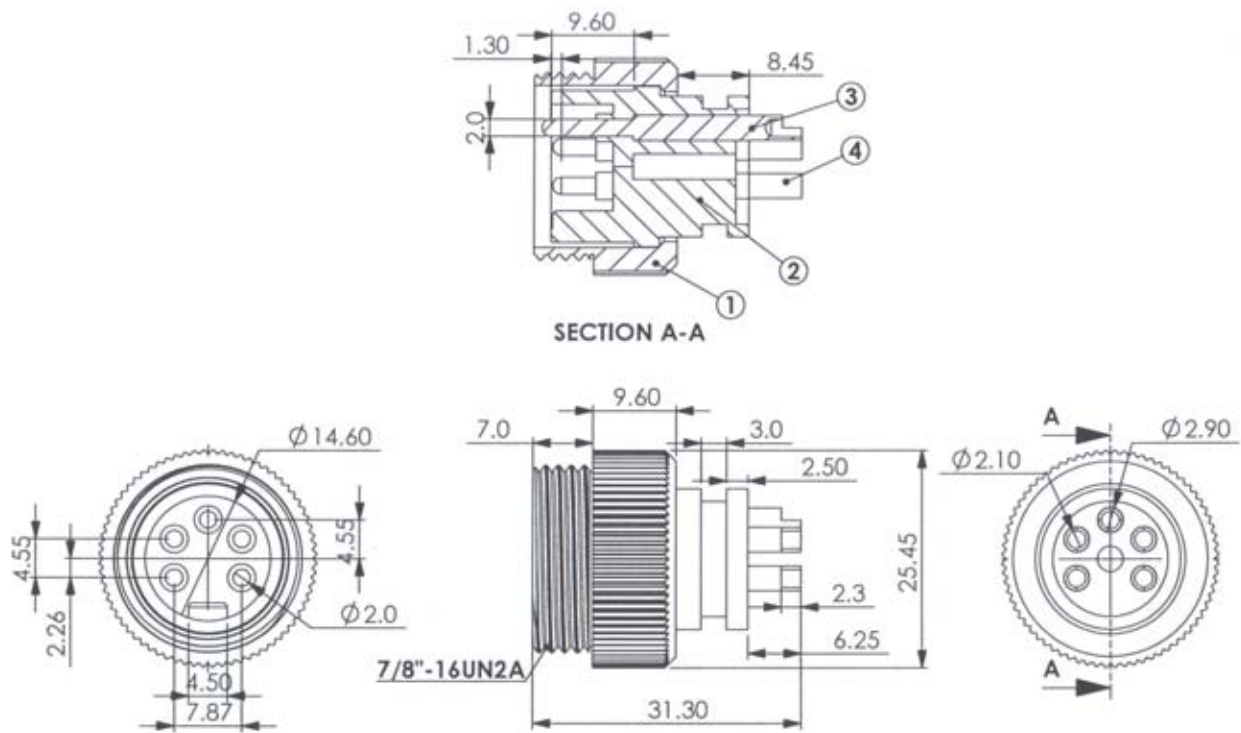
MATERIALS

Housing: PBT + GF30%

Terminals: Brass, Gold Plated

Screw Cap: Brass, Nickel Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ M - 0.5 $\frac{M}{3}$ $\frac{D}{4}$

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M22(7/8") 6P MALE CONNECTOR MOLDING TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -50°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

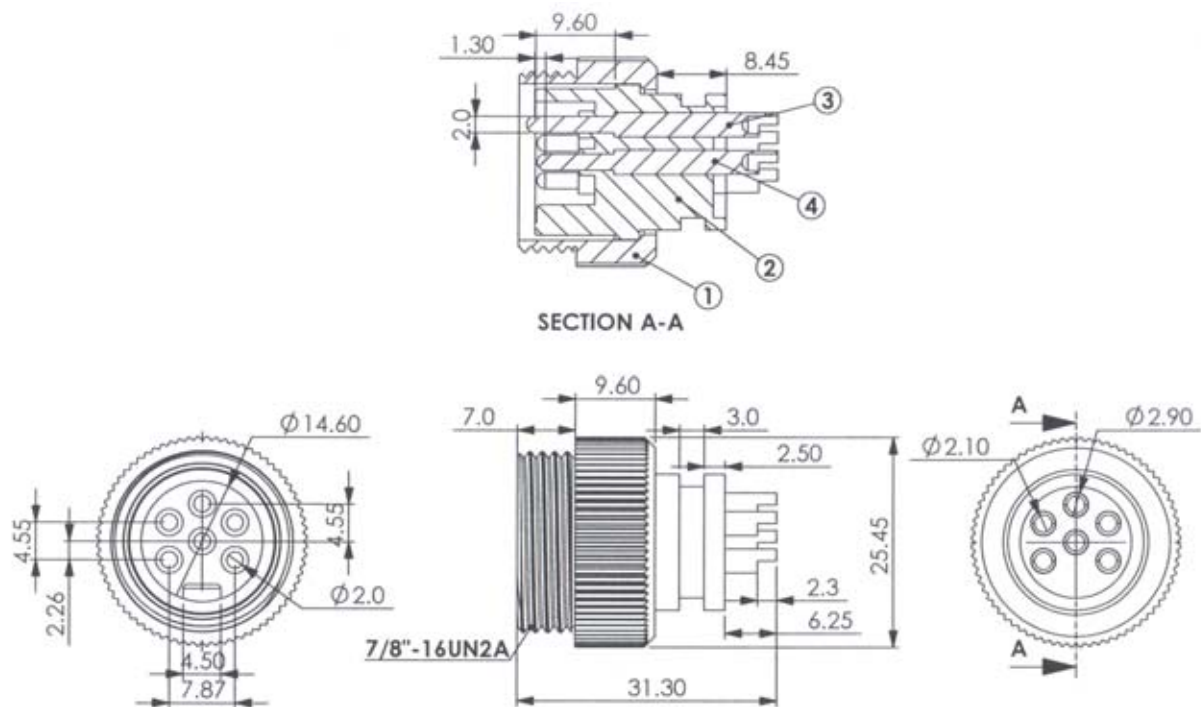
MATERIALS

Housing: PBT + GF30%

Terminals: Brass, Gold Plated

Screw Cap: Brass, Nickel Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{22}{1}$ $\frac{M}{2}$ - $\frac{0.6}{3}$ $\frac{M D}{4}$

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"MD" CABLE MOLDING TYPE

WATERPROOF M22(7/8") 3P MALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

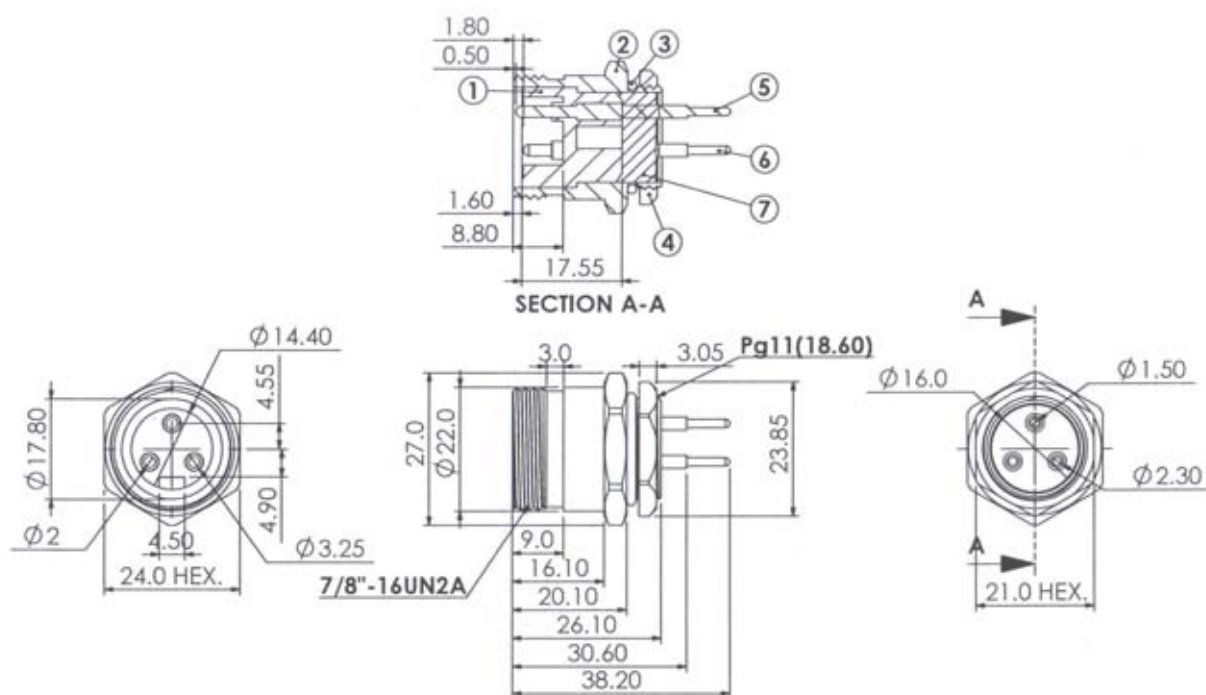
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{3}$ $\frac{PA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"PA" PANEL MOUNT TYPE

WATERPROOF M22(7/8") 4P MALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

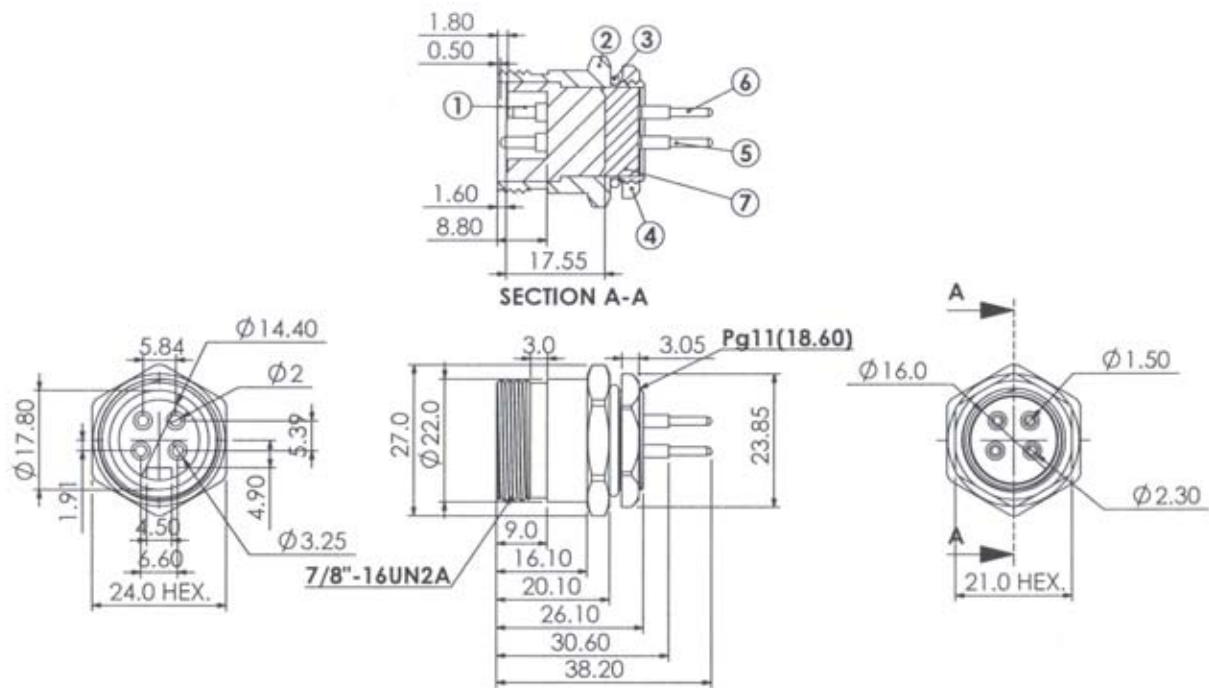
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{PA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PA" PANEL MOUNT TYPE

WATERPROOF M22(7/8") 5P MALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

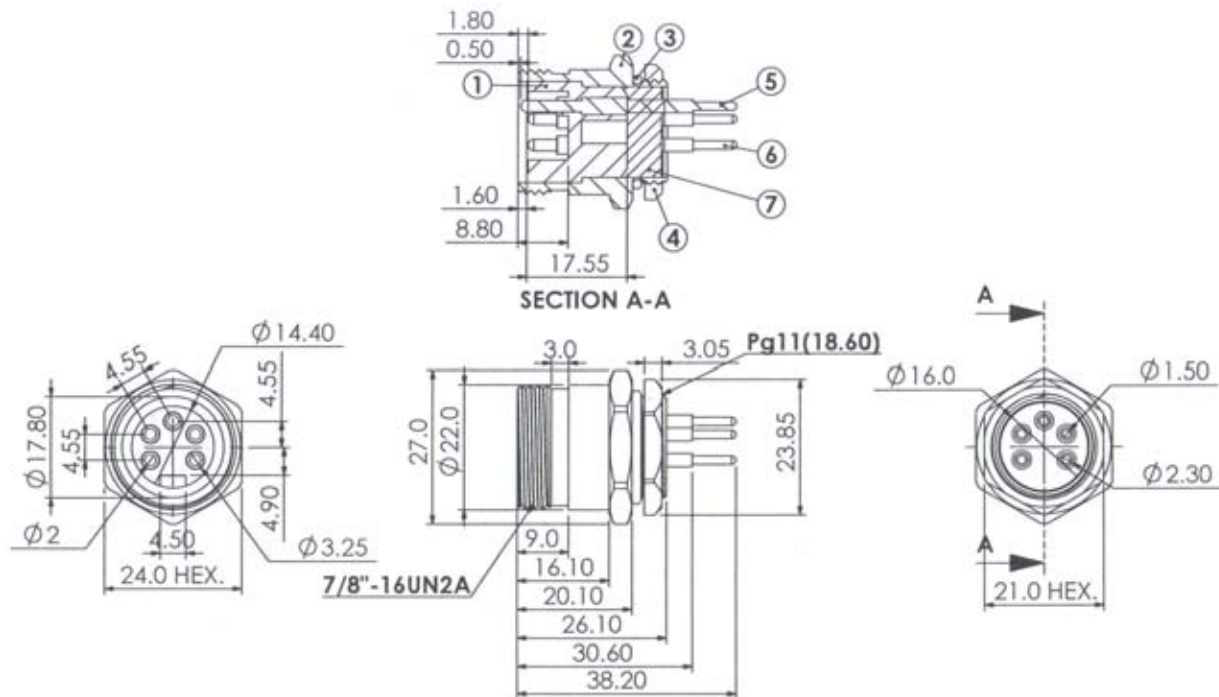
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm

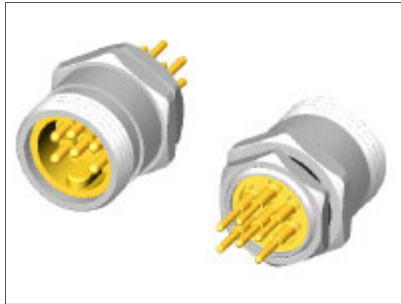


ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ M - 0.5 $\frac{3}{3}$ $\frac{4}{4}$ PA

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"PA" PANEL MOUNT TYPE

WATERPROOF M22(7/8") 6P MALE CONNECTOR PANEL MOUNT TYPE



SPECIFICATIONS

Current: 12A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000MΩ min.

Dielectric Strength: 500V AC min.

Waterproof Test:

Reference to IEC 60529 Edition

2.1: 2001-02-IP67

All materials must be RoHS compliant.

MATERIALS

Housing: Thermoplastic, UL94V-0

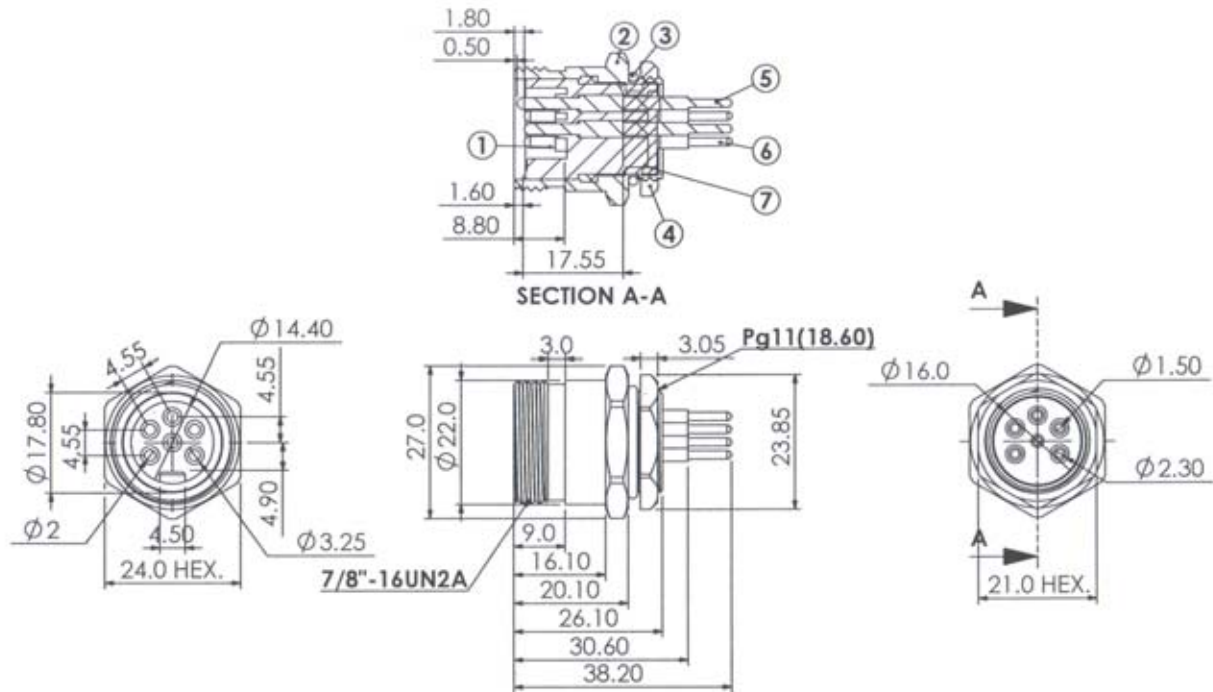
Shield Cover: Brass, Nickel Plated

Screw Nut: Brass, Nickel Plated

Sealed Ring: NBR

Terminals: Brass, Gold Plated

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{6}{3}$ $\frac{PA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
06
4. APPLICABLE TYPE:
"PA" PANEL MOUNT TYPE

WATERPROOF M22 (7/8") 4P MALE CONNECTOR SINGLE DC KEY TYPE



SPECIFICATIONS

Rated Current: 2A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000 Megaohms min.

Dielectric Strength: 500V AC min.

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

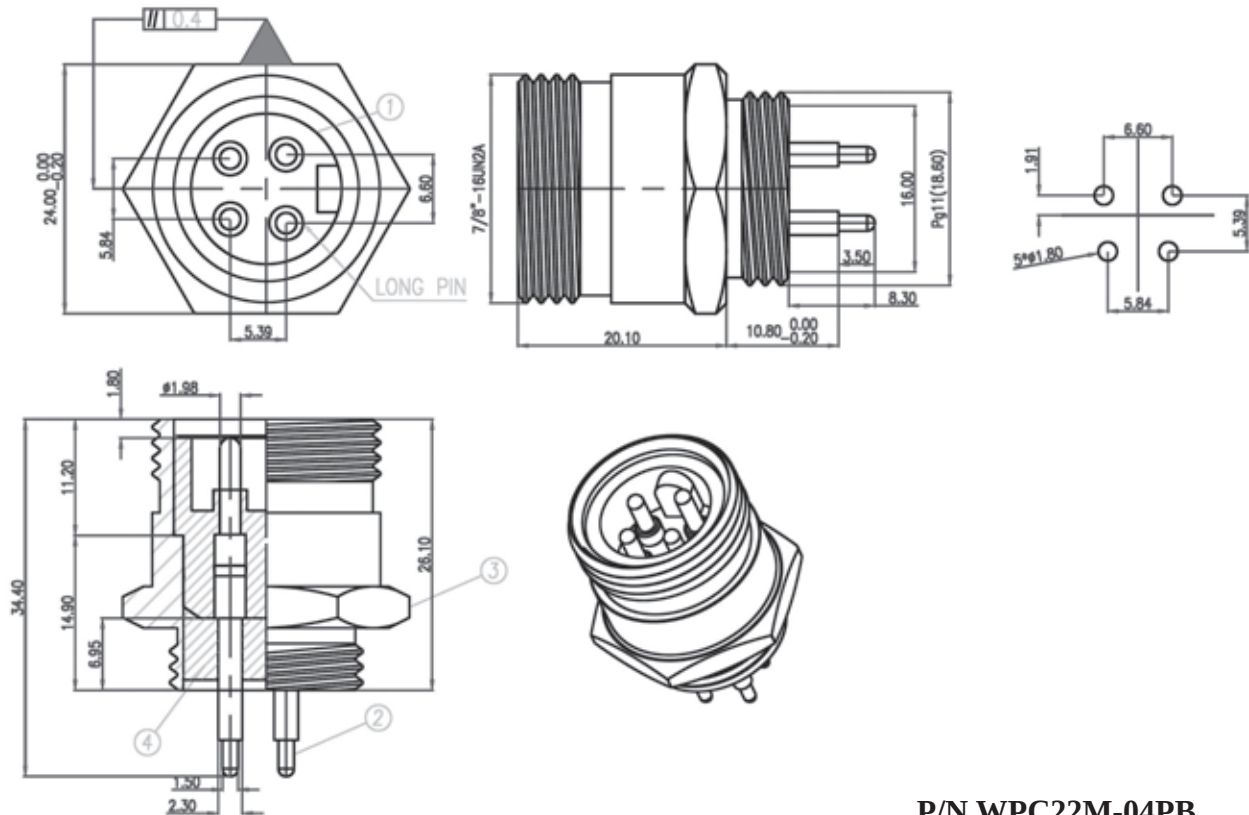
MATERIALS

Housing: Thermoplastic, UL 94V-0

Contact: Brass; Contact plated 30u" Gold

Shell: Brass; Nickel 100u"

Unit: mm



P/N WPC22M-04PB

ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ M - 0 4 P B $\frac{3}{3}$ $\frac{4}{4}$

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
04
4. APPLICABLE TYPE:
"PB" SINGLE DC KEY TYPE WITH
EXTERNAL THREAD

WATERPROOF M22 5P MALE CONNECTOR MINI AUX PWR TYPE



SPECIFICATIONS

Rated Current: 8A

Operation Temperature: -20°C to 105°C

Insulation Resistance: 1000 Megaohms min.

Dielectric Strength: 500V AC min.

Waterproof Test: IP67 Rated

*** RoHS & REACH compliant.**

MATERIALS

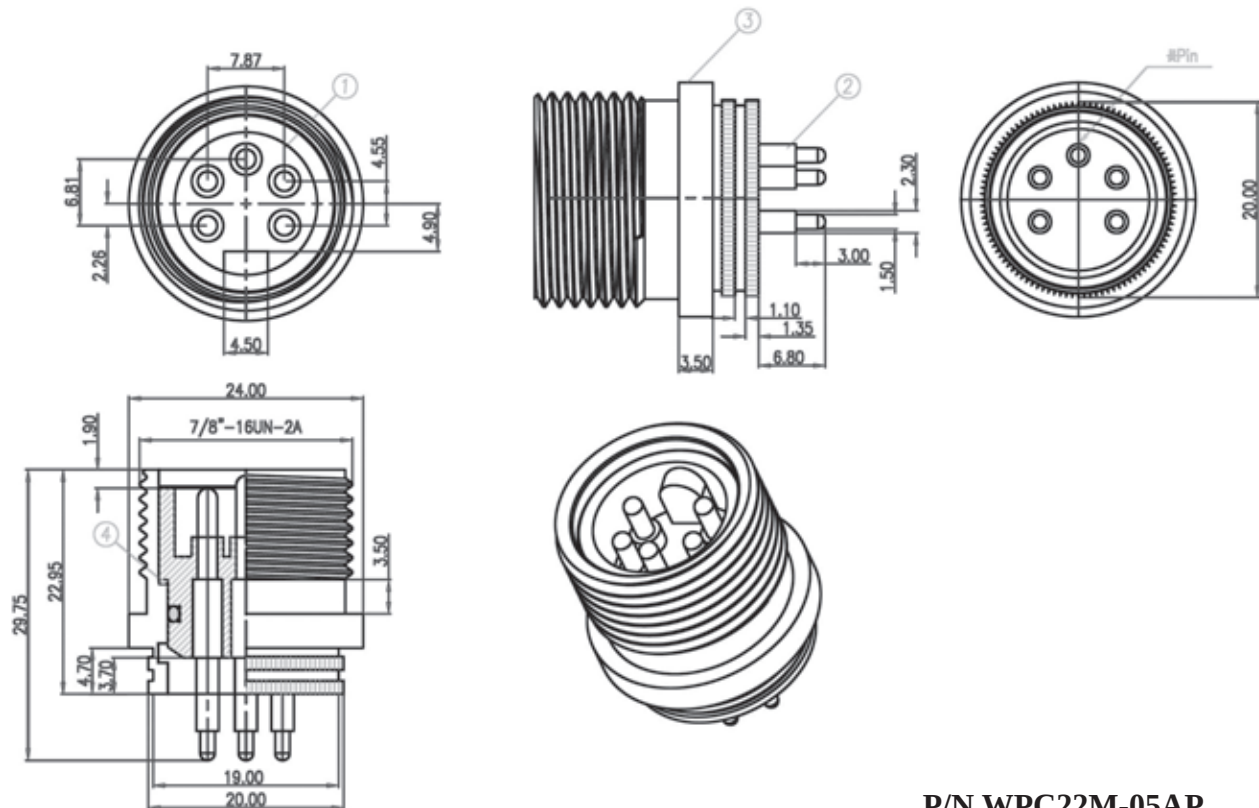
Housing: Thermoplastic, UL 94V-0

Contact: Brass; Contact plated 30u" Gold

Shell: Brass; Nickel 100u"

O-Ring: NBR

Unit: mm



P/N WPC22M-05AP

ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{2}{2}$ $\frac{M}{3}$ - $\frac{0}{4}$ $\frac{5}{5}$ $\frac{A}{6}$ $\frac{P}{7}$

1. CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"AP" MINI AUX PWR TYPE

WATERPROOF M23 5P FEMALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

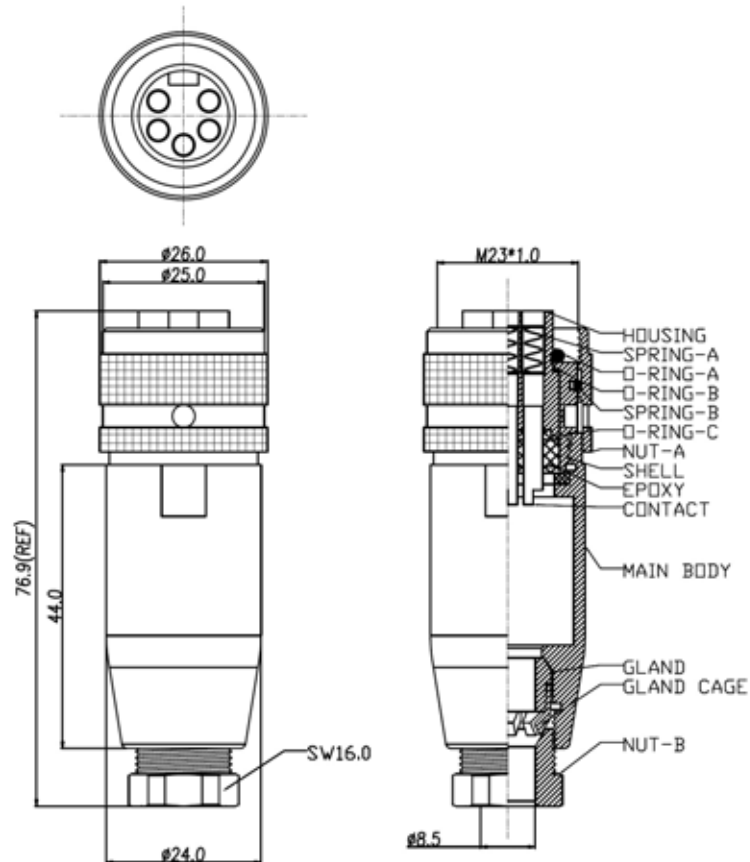
Shell: Brass; Nickel Plated

Nut: Brass; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C 2 3 F - 05 AA
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"23" SCREW M23*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"AA" CABLE ASSEMBLY TYPE

WATERPROOF M23 5P FEMALE CONNECTOR STRAIGHT PCB MOUNT TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

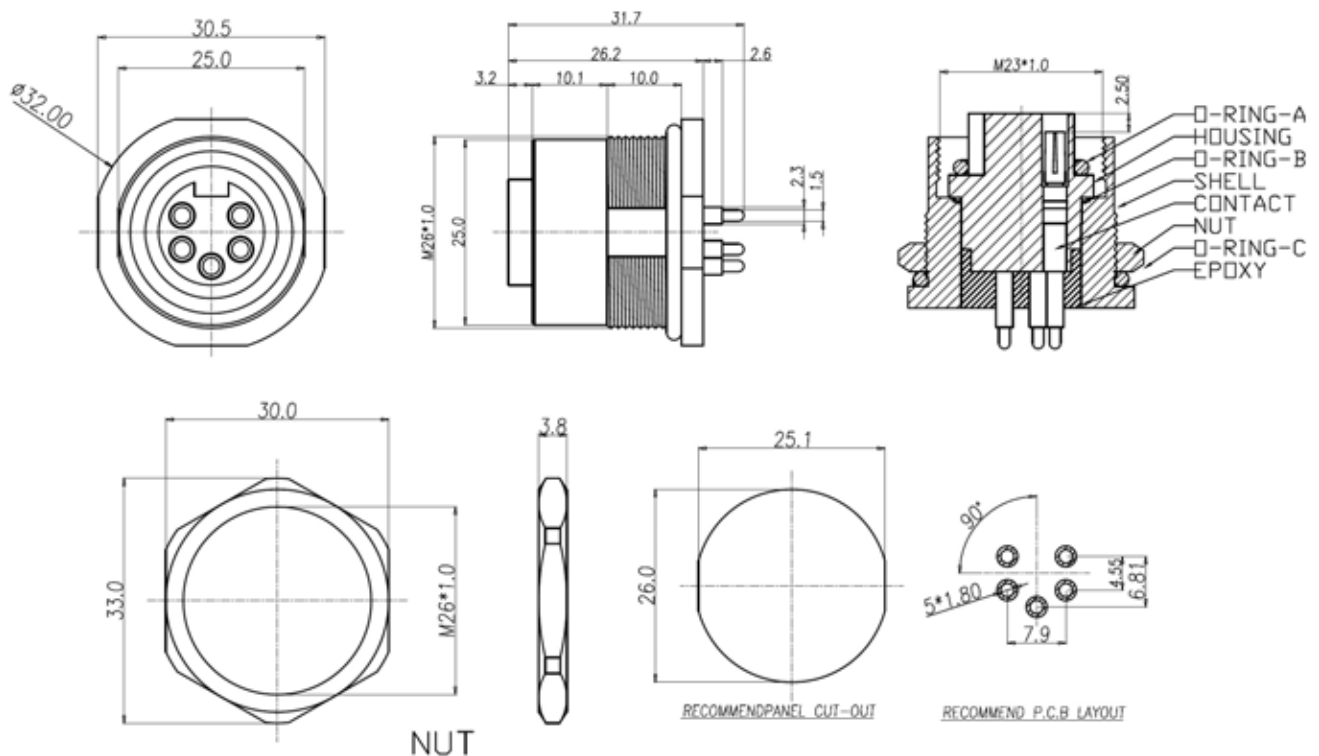
Shell: Aluminum; Nickel Plated

Nut: Aluminum; Nickel Plated

Waterproof: IPX7

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{3}{2}$ $\frac{F}{3}$ - $\frac{05}{4}$ $\frac{DA}{4}$

1. CONNECTOR LOCKING SYSTEM:
"23" SCREW M23*1.0
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"DA" STRAIGHT DIP TYPE

WATERPROOF M23 5P MALE CONNECTOR CABLE ASSEMBLY TYPE



MATERIALS

Housing: PBT, UL 94V-0

Contact: Brass; Gold plated

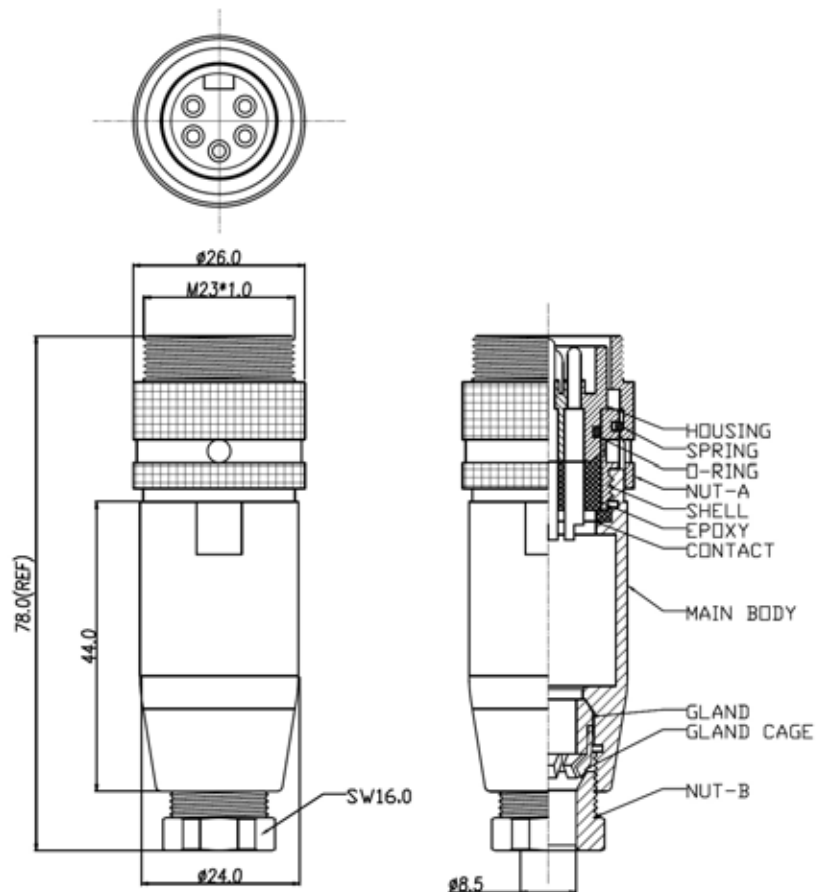
Shell: Brass; Nickel Plated

Nut: Aluminum Alloy or Brass ; Nickel Plated

Waterproof: IP67

*** RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{2}{1}$ $\frac{3}{2}$ $\frac{M}{3}$ - $\frac{0.5}{4}$ AA

1. CONNECTOR LOCKING SYSTEM:
"23" SCREW M23*1.0
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
05
4. APPLICABLE TYPE:
"AA" CABLE ASSEMBLY TYPE

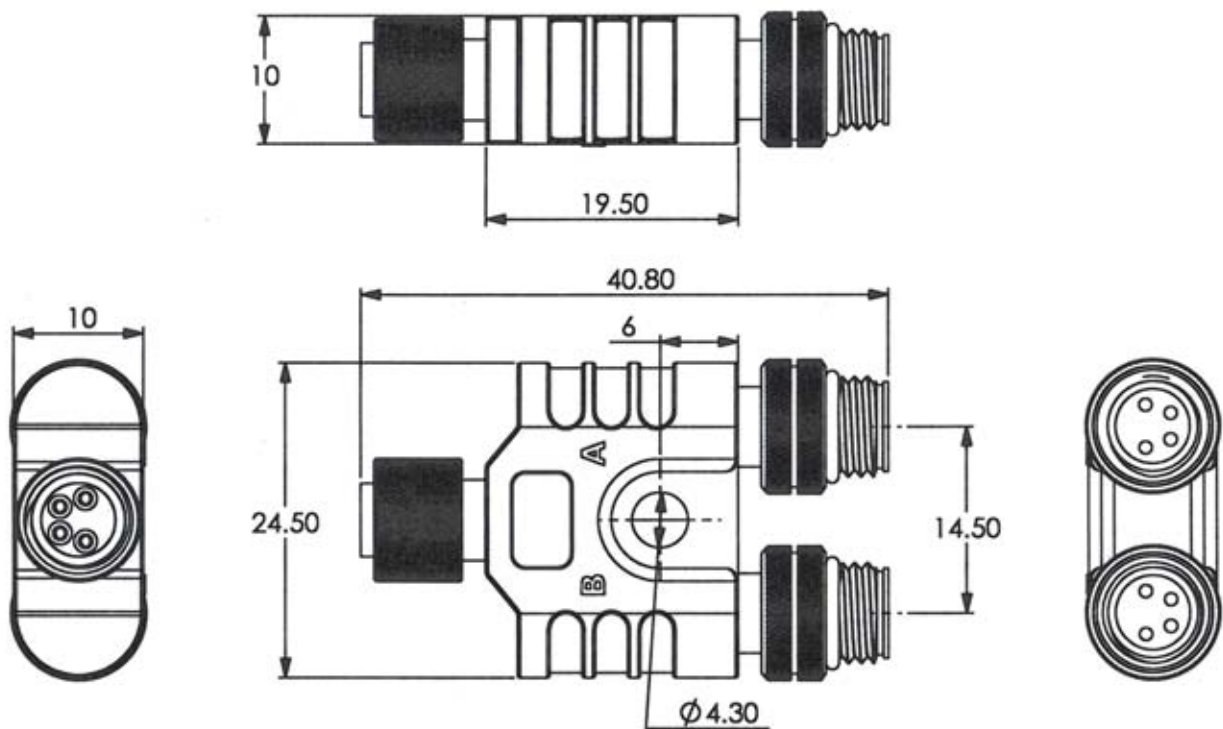
WATERPROOF M8 "Y" ADAPTORS



Waterproof Test: IP67

All materials must be RoHS compliant.

Unit: mm



ORDERING INFORMATION:

P/N A D M 0 8 Y - $\frac{x x x}{1 2}$

1. NO. OF CONTACTS:

"03" 3P JACK TO 2 PLUGS

"04" 4P JACK TO 2 PLUGS

2. CODE OF PIN ASSIGNMET:

"S" PIN OUT 1:1:1

A, B, C, ...etc FOR OTHER PIN OUTS

CUSTOMER'S DESIGNS ARE WELCOME!

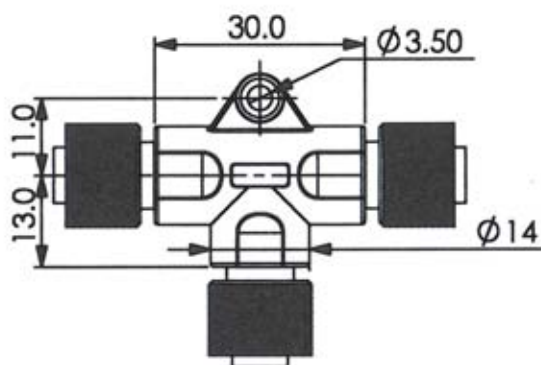
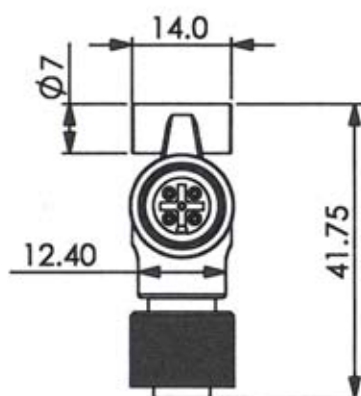
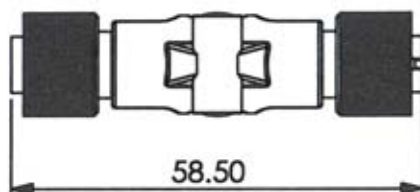
WATERPROOF M12 "T" ADAPTORS



Waterproof Test: IP67

All materials must be RoHS compliant.

Unit: mm



ORDERING INFORMATION:

P/N A D M 1 2 T - $\frac{x x x}{1 2}$

1. NO. OF CONTACTS:

"03" 3P JACK TO 2 JACKS

"04" 4P JACK TO 2 JACKS

"05" 5P JACK TO 2 JACKS

"08" 8P JACK TO 2 JACKS

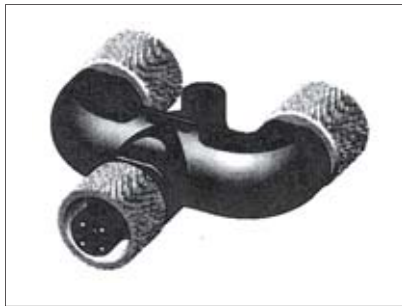
2. CODE OF PIN ASSIGNMET:

"S" PIN OUT 1:1:1

A, B, C, ...etc FOR OTHER PIN OUTS

CUSTOMER'S DESIGNS ARE WELCOME!

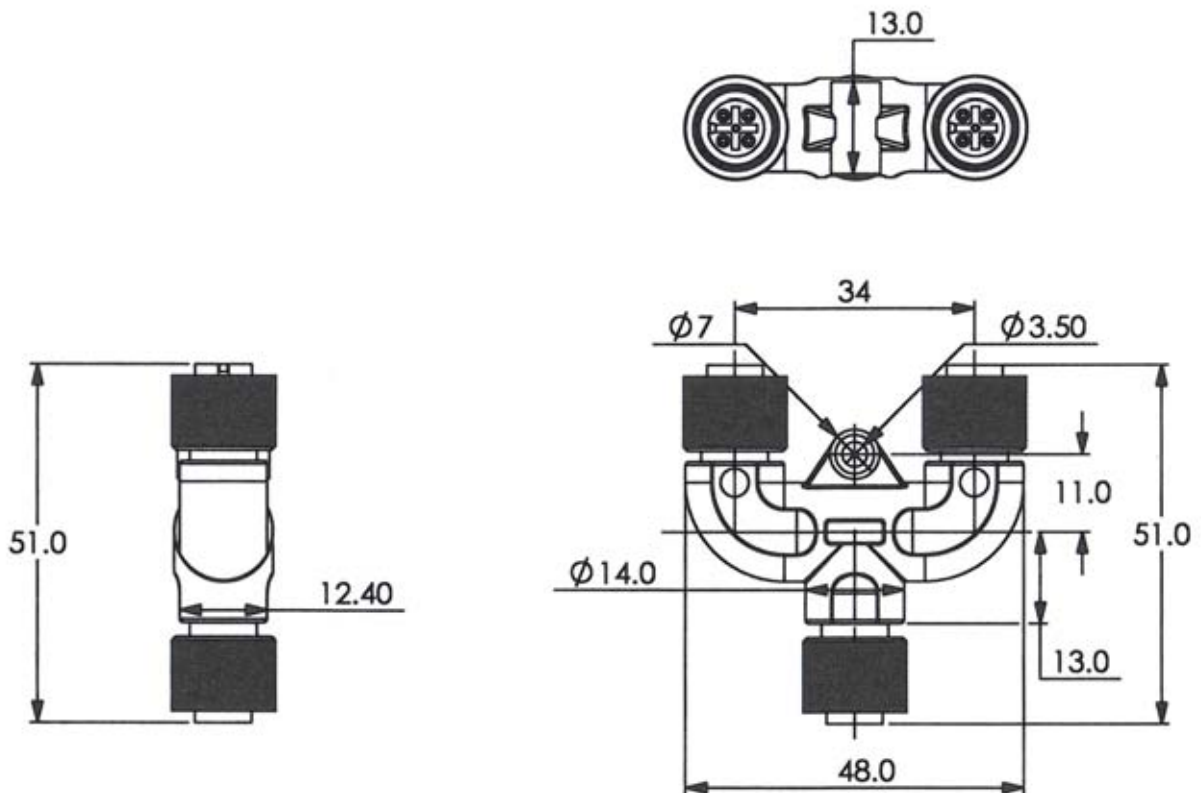
WATERPROOF M12 "Y" ADAPTORS



Waterproof Test: IP67

All materials must be RoHS compliant.

Unit: mm



ORDERING INFORMATION:

P/N A D M 1 2 Y - $\frac{x x x}{1 2}$

1. NO. OF CONTACTS:

"03" 3P JACK TO 2 JACKS

"04" 4P JACK TO 2 JACKS

"05" 5P JACK TO 2 JACKS

"08" 8P JACK TO 2 JACKS

2. CODE OF PIN ASSIGNMET:

"S" PIN OUT 1:1:1

A, B, C, ...etc FOR OTHER PIN OUTS

CUSTOMER'S DESIGNS ARE WELCOME!

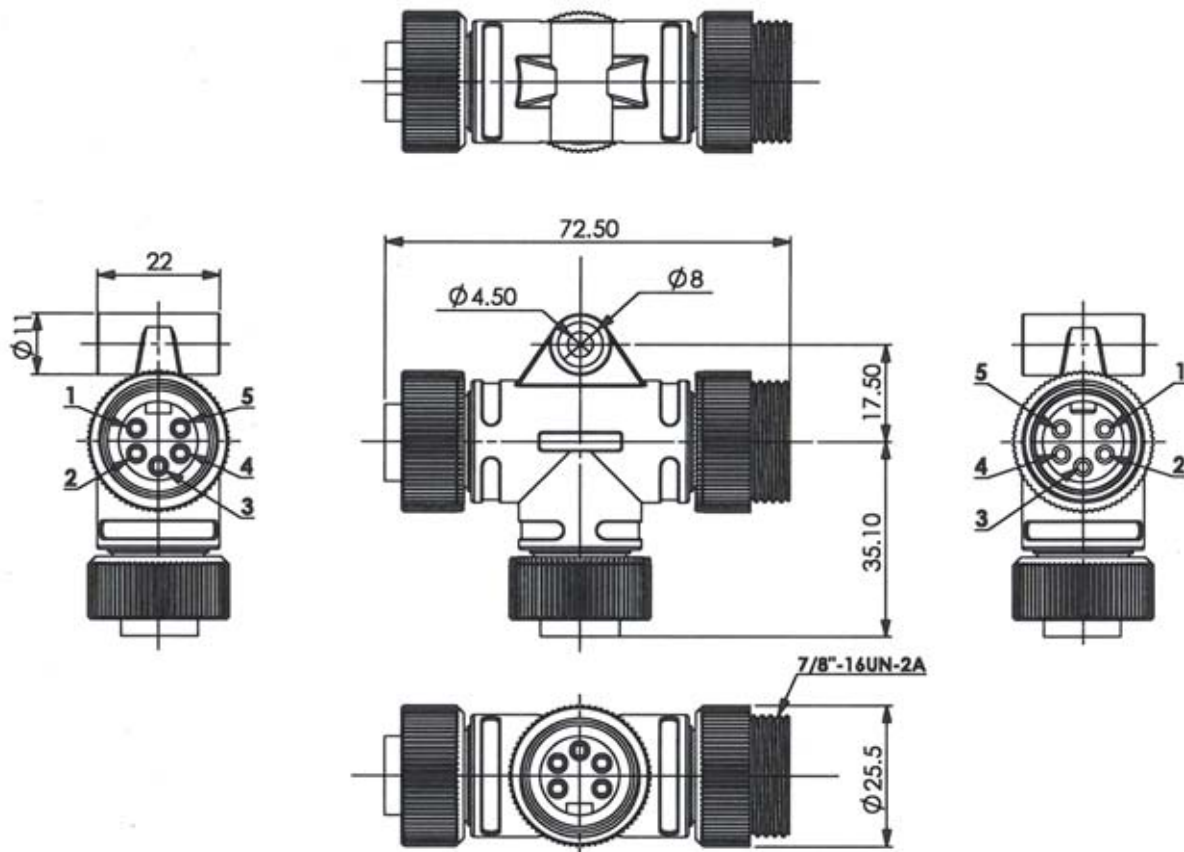
WATERPROOF M22 "T" ADAPTORS



Waterproof Test: IP67

All materials must be RoHS compliant.

Unit: mm



ORDERING INFORMATION:

P/N A D M 2 2 T - $\frac{x x x}{1 2}$

1. NO. OF CONTACTS:

"04" 4P JACK TO JACK & PLUG

"05" 5P JACK TO JACK & PLUG

2. CODE OF PIN ASSIGNMET:

"S" PIN OUT 1:1:1

A, B, C, ...etc FOR OTHER PIN OUTS

CUSTOMER'S DESIGNS ARE WELCOME!

WATERPROOF IP68 RATED 2~8 PIN M12 ADAPTORS

 P/N ADM12A-xM 1 M12 Male to 2 M12 Female Adaptor With Metal Nuts	 P/N ADM12F-xM 1 M12 Male to 1 Male + 1 Female Adaptor With Metal Nuts
 P/N ADM12B-xM 1 M12 Male to 2 M12 Male Adaptor With Metal Nuts	 P/N ADM12G-xP 1 M12 Male to 2 M12 Female Adaptor With Plastic Nuts
 P/N ADM12C-xM 1 M12 Female to 2 M12 Female Adaptor With Metal Nuts	 P/N ADM12H-xP 1 M12 Male to 2 M12 Male Adaptor With Plastic Nuts
 P/N ADM12D-xM 1 M12 Female to 2 M12 Male Adaptor With Metal Nuts	 P/N ADM12J-xP 1 M12 Female to 2 M12 Female Adaptor With Plastic Nuts
 P/N ADM12E-xM 1 M12 Female to 1 Male + 1 Female Adaptor With Metal Nuts	 P/N ADM12K-xP 1 M12 Female to 2 M12 Male Adaptor With Plastic Nuts

ORDERING INFORMATION:

P/N A D M 1 2 $\frac{x}{1}$ - $\frac{x}{2}$ $\frac{x}{3}$

1. ADAPTOR TYPE:
A, B, C, D, E, F, G, H, J, K
2. NO. OF CONTACTS:
2, 3, 4, 5, 6, 7, 8
3. MATERIAL OF NUTS:
"M" METAL
"P" PLASTIC

WATERPROOF CABLE WITH IP68 RATED M8 JACK (FEMALE) TO OPEN END

MATERIALS

Plastic Housing: Engineering Thermoplastic

Flammability Rating UL94V-0. Color Black

Contacts: Copper Alloy

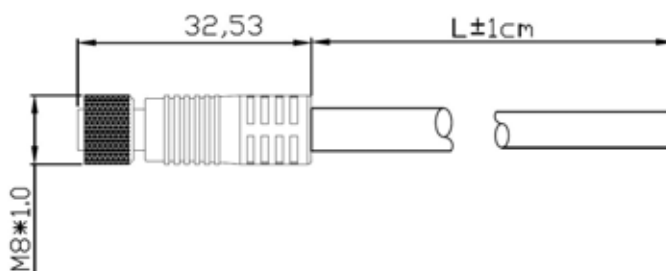
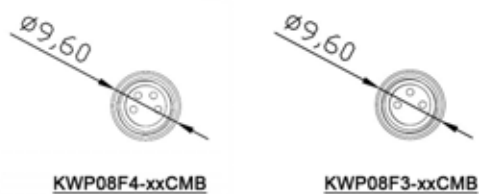
Plating: Gold Plating Over Nickel In Contact.

O-Ring: Silicone Rubber Black Color.

Coupling Nut: M8*1 Brass With Nickel Plated.

***RoHS & REACH compliant.**

Unit: mm



ORDERING INFORMATION:

P/N KWP08F₁ - xx₂ C M B₃

1. NO. OF CONTACTS:

3, 4

2. CABLE LENGTH IN CENTIMETERS

3. CABLE COLOR:

"B" BLACK

WATERPROOF CABLE WITH IP68 RATED M8 JACK (FEMALE) TO OPEN END

MATERIALS

Plastic Housing: Engineering Thermoplastic
Flammability Rating UL94V-0. Color Black

Contacts: Copper Alloy

Plating: Gold Plating Over Nickel In Contact.

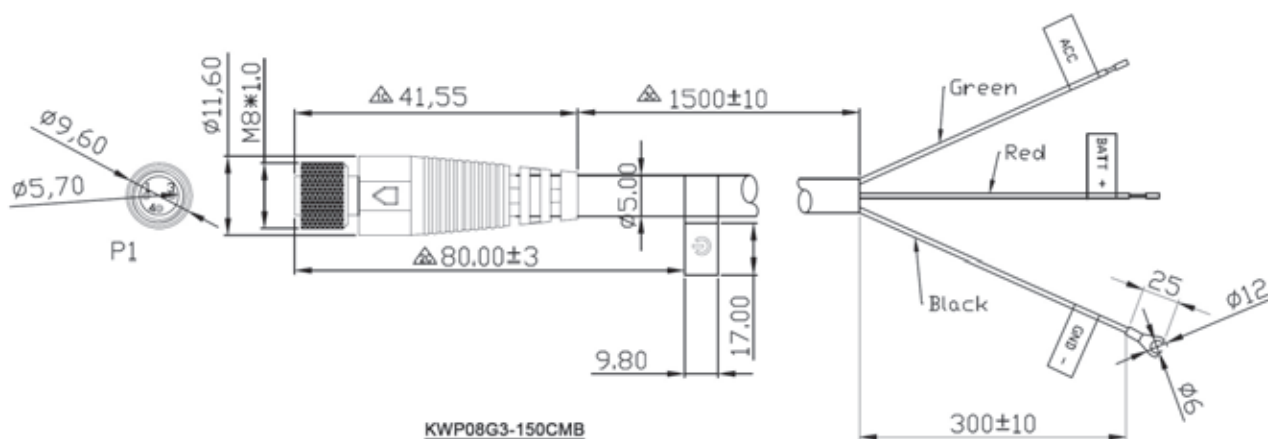
O-Ring: Silicone Rubber Black Color.

Coupling Nut: M8*1 Brass With Nickel Plated.

***RoHS & REACH compliant.**

Unit: mm

P1	WIRE COLOR	
1	GREEN	ACC
3	RED	BATT
4	BLACK	GND



ORDERING INFORMATION:

P/N KWP08G3-xxCMB
1 2 3

1. NO. OF CONTACTS:
"3" 3 PINS
2. CABLE LENGTH IN CENTIMETERS
3. CABLE COLOR:
"B" BLACK.

WATERPROOF M8 2~4 PIN CABLE ASSEMBLIES (1)

Contact assignment :

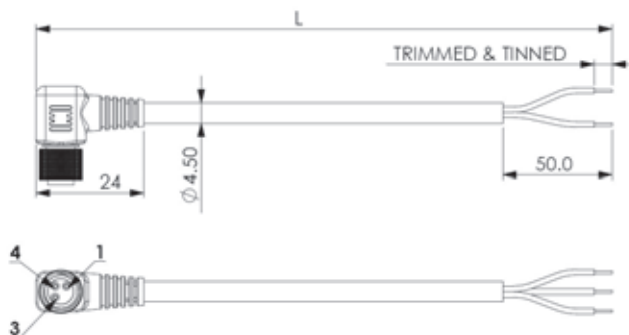


SPECIFICATIONS

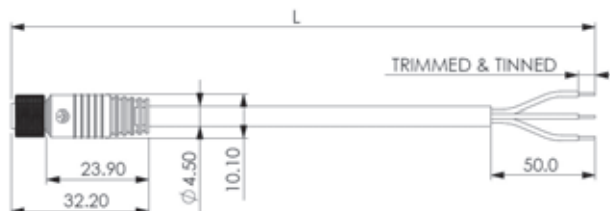
Connector locking system: screw M8 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 4.5mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -20°C
Rated voltage: 60V
Rated current(40°C): 4A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU or PVC
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP0803GT-UxxM



KWP0803FT-UxxM

ORDERING INFORMATION:

P/N KWP 08 1 2 3 4 - 5 6 M

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. NO. OF CONTACTS:
02, 03, 04
3. CONNECTOR AT CABLE END &
4. CONNECTOR AT ANOTHER END:
"F" STRAIGHT WATER TIGHT JACK
"G" RIGHT ANGLE WATER TIGHT JACK
"T" TRIMMED & TINNED END
5. CABLE BODY MATERIAL:
"U" PU
"V" PVC

6. CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP08xxGF-xxxM
- (2) KWP08xxGT-xxxM
- (3) KWP08xxFT-xxxM
- (4) KWP08xxGG-xxxM
- (5) KWP08xxFF-xxxM

WATERPROOF M8 2~4 PIN CABLE ASSEMBLIES (2)

Contact assignment :



SPECIFICATIONS

Connector locking system: screw M8 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 4.5mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -20°C
Rated voltage: 60V
Rated current(40°C): 4A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU or PVC
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP0803MT-UxxM



KWP0803FT-UxxM

ORDERING INFORMATION:

P/N KWP 08 1 2 3 4 - 5 6 M

1. CONNECTOR LOCKING SYSTEM:

"08" SCREW M8*1.0

2. NO. OF CONTACTS:

02, 03, 04

3. CONNECTOR AT CABLE END &

4. CONNECTOR AT ANOTHER END:

"F" STRAIGHT WATER TIGHT JACK

"M" STRAIGHT WATER TIGHT PLUG

"T" TRIMMED & TINNED END

5. CABLE BODY MATERIAL:

"U" PU

"V" PVC

6. CABLE LENGTH (UNIT: M)

1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

(1) KWP08xxMF-xxxM

(2) KWP08xxMT-xxxM

(3) KWP08xxFT-xxxM

(4) KWP08xxMM-xxxM

(5) KWP08xxFF-xxxM

WATERPROOF M8 2~4 PIN CABLE ASSEMBLES (3)

Contact assignment :

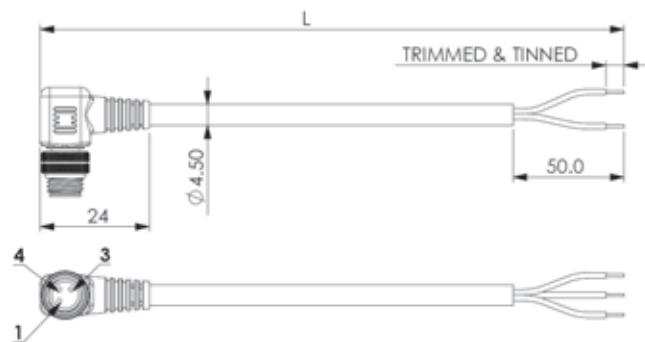


SPECIFICATIONS

Connector locking system: screw M8 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 4.5mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -20°C
Rated voltage: 60V
Rated current(40°C): 4A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU or PVC
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP0803NT-VxxM



KWP0803FT-VxxM

ORDERING INFORMATION:

P/N KWP 08 1 2 3 4 5 6 M

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. NO. OF CONTACTS:
02, 03, 04
3. CONNECTOR AT CABLE END &
4. CONNECTOR AT ANOTHER END:
"F" STRAIGHT WATER TIGHT JACK
"N" RIGHT ANGLE WATER TIGHT PLUG
"T" TRIMMED & TINNED END
5. CABLE BODY MATERIAL:
"U" PU
"V" PVC

6. CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP08xxNF-xxxM
- (2) KWP08xxNT-xxxM
- (3) KWP08xxFT-xxxM
- (4) KWP08xxNN-xxxM
- (5) KWP08xxFF-xxxM

WATERPROOF M8 2~4 PIN CABLE ASSEMBLES (4)

Contact assignment :

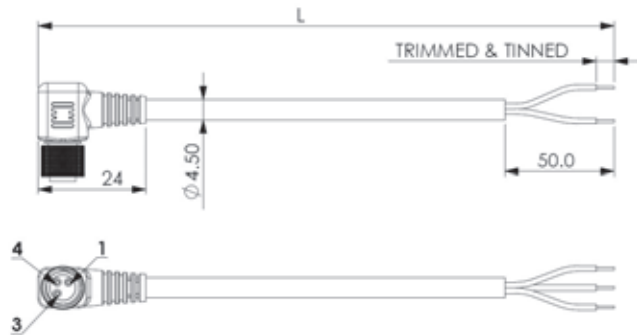


SPECIFICATIONS

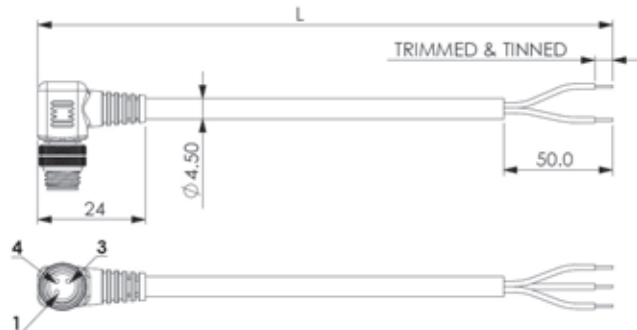
Connector locking system: screw M8 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 4.5mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -20°C
Rated voltage: 60V
Rated current(40°C): 4A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU or PVC
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP0803GT-UxxM



KWP0803NT-UxxM

ORDERING INFORMATION:

P/N KWP 08 1 2 3 4 5 6 M

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. NO. OF CONTACTS:
02, 03, 04
3. CONNECTOR AT CABLE END &
4. CONNECTOR AT ANOTHER END:
"G" RIGHT ANGLE WATER TIGHT JACK
"N" RIGHT ANGLE WATER TIGHT PLUG
"T" TRIMMED & TINNED END
5. CABLE BODY MATERIAL:
"U" PU
"V" PVC

6. CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP08xxGN-xxxM
- (2) KWP08xxGT-xxxM
- (3) KWP08xxNT-xxxM
- (4) KWP08xxGG-xxxM
- (5) KWP08xxNN-xxxM

WATERPROOF M8 3 PIN CABLE ASSEMBLES (5)

Contact assignment :

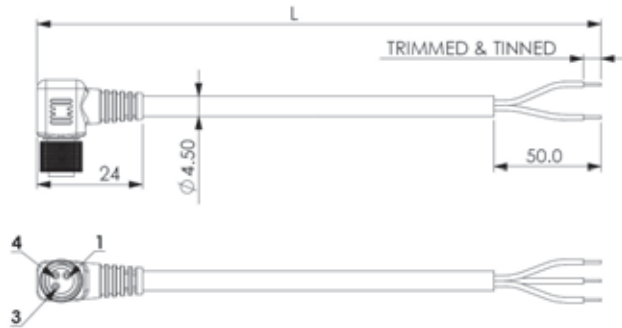


SPECIFICATIONS

Connector locking system: screw M8 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 4.5mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -20°C
Rated voltage: 60V
Rated current(40°C): 4A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU or PVC
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP0803GT-VxxM



KWP0803MT-VxxM

ORDERING INFORMATION:

P/N KWP 08 1 2 3 4 5 6 - xx xx M

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. NO. OF CONTACTS:
02, 03, 04
3. CONNECTOR AT CABLE END &
4. CONNECTOR AT ANOTHER END:
"M" STRAIGHT WATER TIGHT PLUG
"G" RIGHT ANGLE WATER TIGHT JACK
"T" TRIMMED & TINNED END
5. CABLE BODY MATERIAL:
"U" PU
"V" PVC

6. CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP08xxGM-xxxM
- (2) KWP08xxGT-xxxM
- (3) KWP08xxMT-xxxM
- (4) KWP08xxGG-xxxM
- (5) KWP08xxMM-xxxM

WATERPROOF M8 2~4 PIN CABLE ASSEMBLIES (6)

Contact assignment :

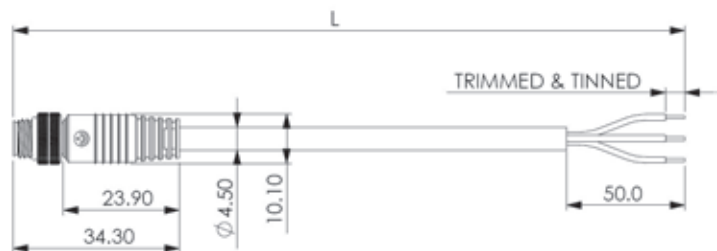


SPECIFICATIONS

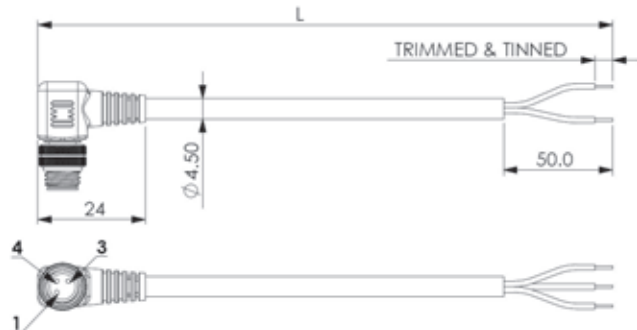
Connector locking system: screw M8 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 4.5mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -20°C
Rated voltage: 60V
Rated current(40°C): 4A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU or PVC
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP0803MT-UxxM



KWP0803NT-UxxM

ORDERING INFORMATION:

P/N KWP 08 1 2 3 4 5 6 M

1. CONNECTOR LOCKING SYSTEM:
"08" SCREW M8*1.0
2. NO. OF CONTACTS:
02, 03, 04
3. CONNECTOR AT CABLE END &
4. CONNECTOR AT ANOTHER END:
"M" STRAIGHT WATER TIGHT PLUG
"N" RIGHT ANGLE WATER TIGHT PLUG
"T" TRIMMED & TINNED END
5. CABLE BODY MATERIAL:
"U" PU
"V" PVC

6. CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP08xxMN-xxxM
- (2) KWP08xxMT-xxxM
- (3) KWP08xxNT-xxxM
- (4) KWP08xxMM-xxxM
- (5) KWP08xxNN-xxxM

WATERPROOF CABLE WITH IP68 RATED M12 PLUG (MALE) TO OPEN END

MATERIALS:

Plastic Housing: Engineering Thermoplastic
Flammability Rating UL90V-0.
Color Black

Contacts: Copper Alloy.

Plating: Gold Plating Over Nickel In Contact.

O-Ring: Silicone Rubber Black Color.

Coupling Nut: M12*1 Brass With Nickel Plated.

***RoHS & REACH compliant.**

Unit: mm

SPECIFICATIONS

Waterproof Rate: IP68

Current Rating: 4A(2 TO 5PIN)

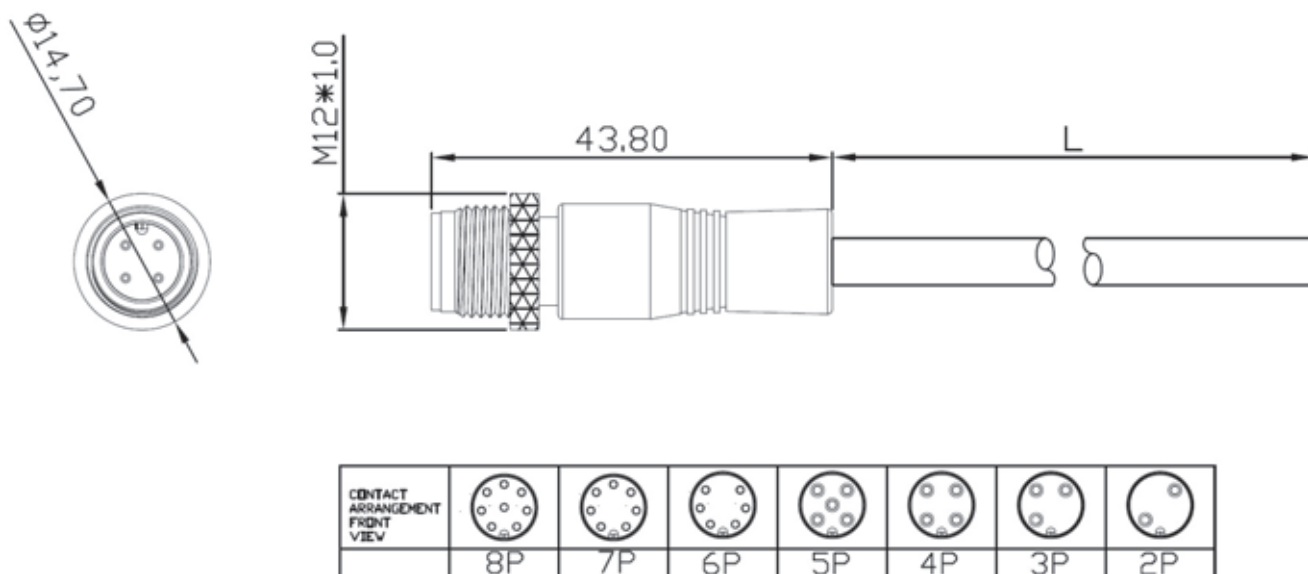
2A(6 TO 8PIN)

Rated Voltage: 250V AC/DC(2 TO 4PIN)

60V AC/DC(5PIN)

30V AC/DC(6 TO 8 PIN)

Insulation Resistance: 10 Ω Min



ORDERING INFORMATION:

P/N K W P 1 2 P $\frac{x}{1}$ - $\frac{xx}{2}$ $\frac{C}{3}$ M B

1. NO. OF CONTACTS
2, 3, 4, 5, 6, 7, 8
2. LENGTH IN CENTIMETERS
3. CABLE COLOR:
"B" BLACK

WATERPROOF CABLE WITH IP68 RATED M12 JACK (FEMALE) TO OPEN END

MATERIALS

Plastic Housing: Engineering Thermoplastic

Flammability Rating UL94V-0. Color Black

Contacts: Copper Alloy

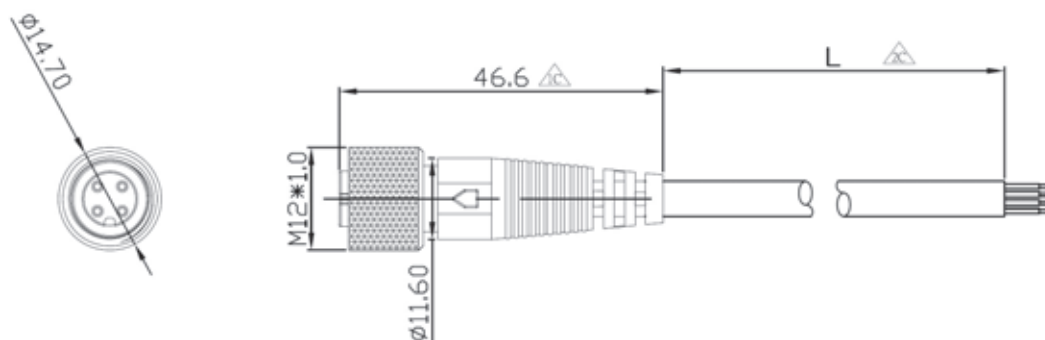
Plating: Gold Plating Over Nickel In Contact.

O-Ring: Silicone Rubber Black Color.

Coupling Nut: M12*1 Brass With Nickel Plated.

***RoHS & REACH compliant.**

Unit: mm



CONTACT ARRANGEMENT FRONT VIEW										
	11P	10P	9P	8P	7P	6P	5P	4P	3P	2P
	12P	13P	14P	15P	16P	17P				

ORDERING INFORMATION:

P/N K W P 1 2 H $\frac{x}{1}$ - $\frac{xx}{2}$ C M B $\frac{3}{3}$

1. NO. OF CONTACTS:

2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17

2. CABLE LENGTH IN CENTIMETERS

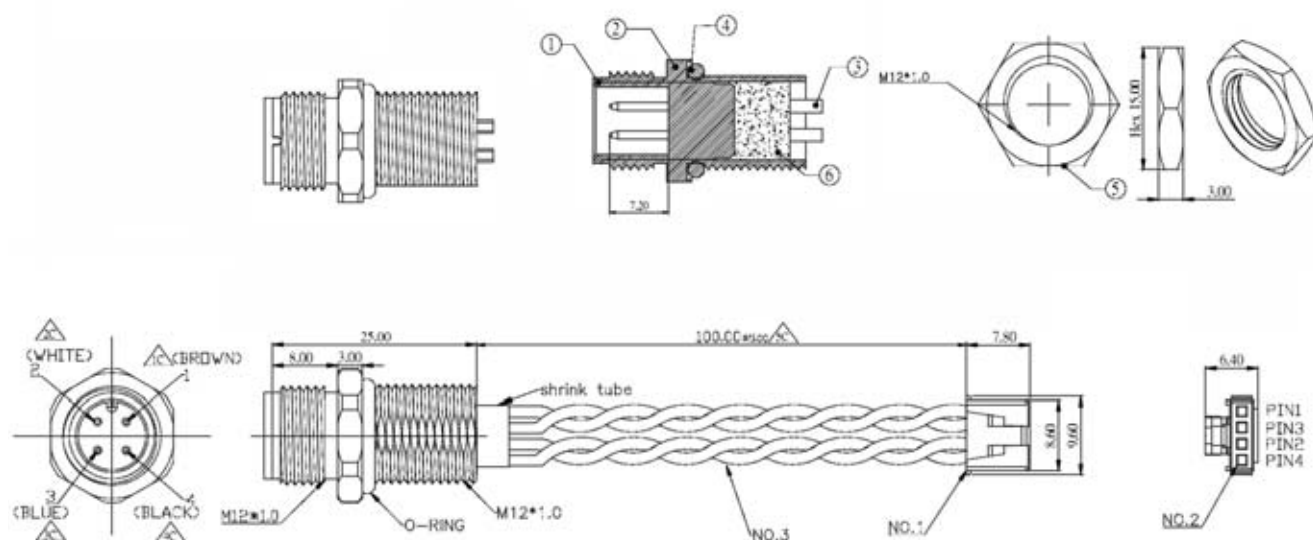
3. CABLE COLOR:

"B" BLACK

WATERPROOF WIRE HARNESS CABLE WITH IP68 RATED REAR MOUNT M12 PLUG (MALE) TO 2.00MM PITCH 4 PIN HOUSING

*RoHS & REACH compliant.

Unit: mm



⑥	Glas			
⑤	Screw Nut	Brass	Nickel Pld.	1
④	O-Ring	EPDM		1
③	Terminals	Brass	Gold Pld.	4
②	Shield Cover	Brass	Nickel Pld.	1
①	Housing	PBT		1
NO.	Description	Material	Treat	Q'ty

NO	DESCRIPTION
1	CONN HOUSING 2.0 WIRE TO BOARD 4P
2	TERM FEML 24-30 AWG PHO-BR/TIN
3	JL1430 300V 26AWG 2PAIR

PIN	DESCRIPTION	AWG	COLOR
1	DC12V	26	BROWN
3	0V	26	BLUE
2	N.O.	26	WHITE
4	COM	26	BLACK

ORDERING INFORMATION:

P/N K W P 1 2 N $\frac{4}{1}$ - $\frac{10}{2}$ C M

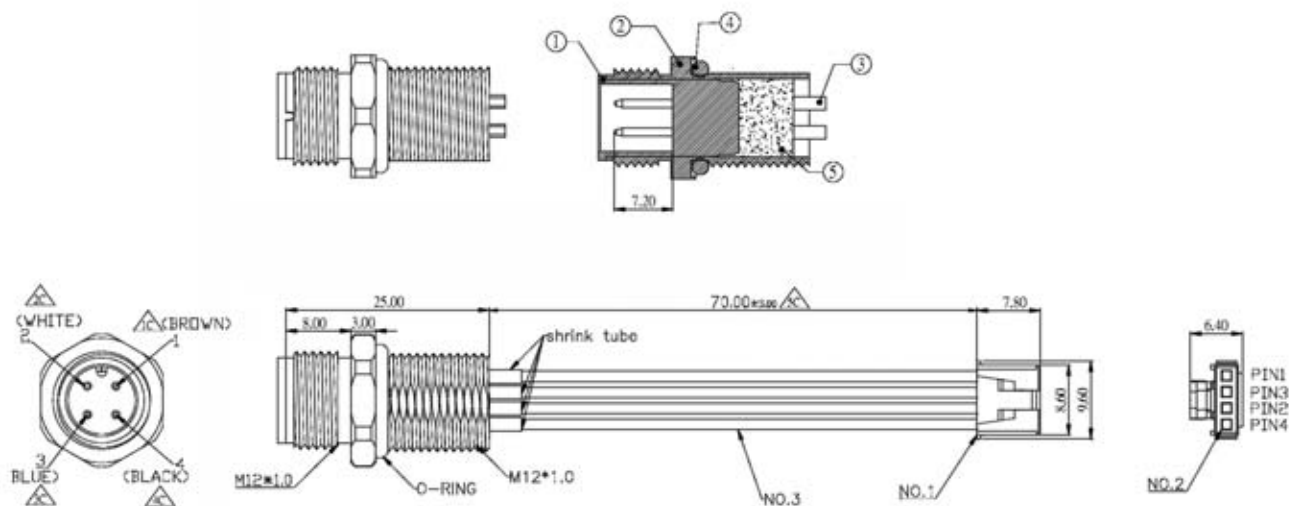
1. NO. OF CONTACTS:
"4" 4 PINS
2. CABLE LENGTH IN CENTIMETERS
L= 10CM

NOTE: OTHER NO. OF CONTACTS UPON REQUEST!

WATERPROOF WIREHARNESS CABLE WITH IP68 RATED REAR MOUNT M12 PLUG (MALE) TO 2.00MM PITCH 4 PIN HOUSING

*RoHS & REACH compliant.

Unit: mm



⑤	Glue			
④	O-Ring	EPDM		1
③	Terminals	Brass	Gold Pld.	4
②	Shield Cover	Brass	Nickel Pld.	1
①	Housing	PBT		1
NO.	Description	Material	Treat	Q'ty

NO	DESCRIPTION
1	CONN HOUSING 2.0 WIRE TO BOARD 4P
2	TERM FEML 24-30 AWG PHO-BR/TIN
3	UL1430 300V 26AWG

PIN	DESCRIPTION	AWG	COLOR
1	DC12V	26	BROWN
3	0V	26	BLUE
2	N.O.	26	WHITE
4	COM	26	BLACK

ORDERING INFORMATION:

P/N K W P 1 2 M $\frac{4}{1} - \frac{07CM}{2}$

1. NO. OF CONTACTS:
"4" 4 PINS
2. CABLE LENGTH IN CENTIMETERS
L= 07CM

NOTE: OTHER NO. OF CONTACTS UPON REQUEST!

WATERPROOF CABLE WITH IP68 RATED M12 JACK (FEMALE) TO USB2.0 A TYPE PLUG

MATERIALS

Plastic Housing: Engineering Thermoplastic
Flammability Rating UL94V-0. Color Black

Contacts: Copper Alloy

Plating: Gold Plating Over Nickel In Contact.

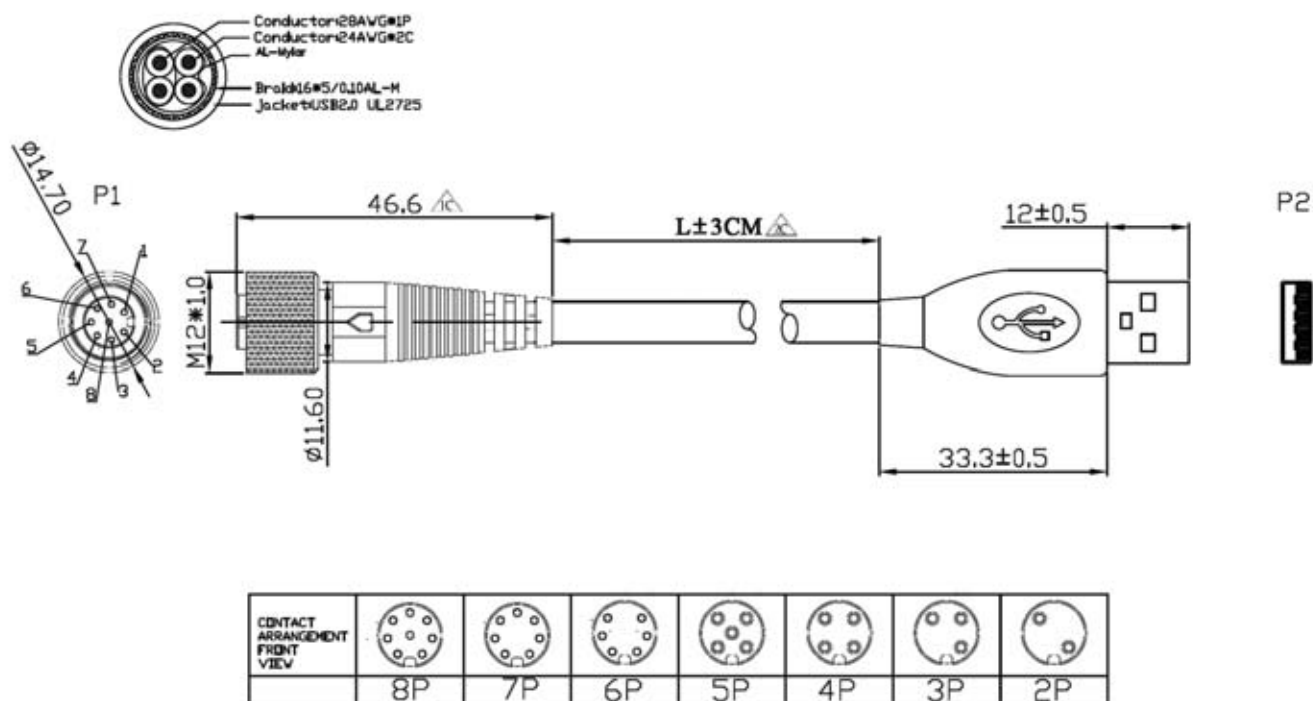
O-Ring: Silicone Rubber Black Color.

Coupling Nut: M12*1 Brass With Nickel Plated.

***RoHS & REACH compliant.**

Unit: mm

P1	WIRE COLOR	P2	
1	RED	1	VCC
2	WHITE	2	D-
3	GREEN	3	D+
4	BLACK	4	GND



ORDERING INFORMATION:

P/N K W P 1 2 G $\frac{x}{1}$ - $\frac{xx}{2}$ C M B $\frac{3}{3}$

1. NO. OF CONTACTS:

2, 3, 4, 5, 6, 7, 8

2. LENGTH IN CENTIMETERS

3. CABLE COLOR:

"B" BLACK

WATERPROOF M12 2~8 PIN CABLE ASSEMBLIES (1)

Contact assignment :

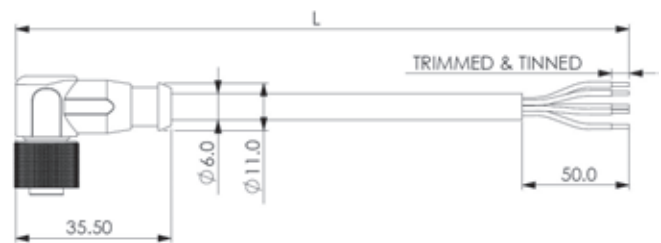
White	①
Brown	②
Green	③
Yellow	④
Grey	⑤
Pink	⑥
Blue	⑦
Red	⑧

SPECIFICATIONS

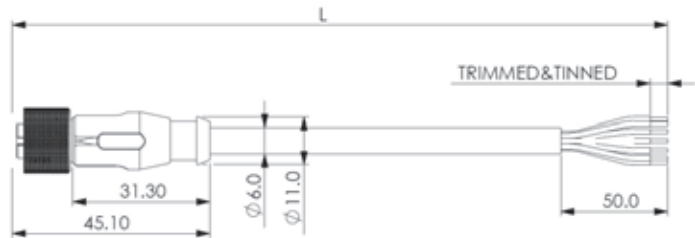
Connector locking system: screw M12 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 6.0mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 30V
Rated current(40°C): 2A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP1208GT-UxxM



KWP1208FT-UxxM

ORDERING INFORMATION:

P/N K W P 1 2 x x x x - U x x M

- CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
- NO. OF CONTACTS:
02, 03, 04, 05, 08
- CONNECTOR AT CABLE END &
- CONNECTOR AT ANOTHER END:
"F" STRAIGHT WATER TIGHT JACK
"G" RIGHT ANGLE WATER TIGHT JACK
"T" TRIMMED & TINNED END
- CABLE BODY MATERIAL:
"U" PU

- CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP12xxGF-UxxM
- (2) KWP12xxGT-UxxM
- (3) KWP12xxFT-UxxM
- (4) KWP12xxGG-UxxM
- (5) KWP12xxFF-UxxM

WATERPROOF M12 2~8 PIN CABLE ASSEMBLIES (2)

Contact assignment :

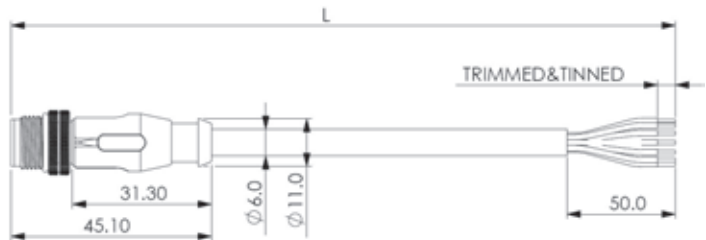
White	①
Brown	②
Green	③
Yellow	④
Grey	⑤
Pink	⑥
Blue	⑦
Red	⑧

SPECIFICATIONS

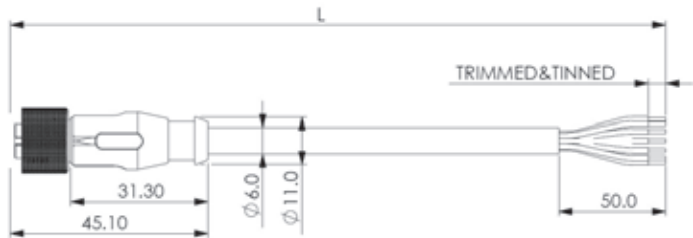
Connector locking system: screw M12 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 6.0mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 30V
Rated current(40°C): 2A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP1208MT-UxxM



KWP1208FT-UxxM

ORDERING INFORMATION:

P/N KWP 1 2 xx xx - U xx M
 1 2 3 4 5 6

- CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
- NO. OF CONTACTS:
02, 03, 04, 05, 08
- CONNECTOR AT CABLE END &
- CONNECTOR AT ANOTHER END:
"F" STRAIGHT WATER TIGHT JACK
"M" STRAIGHT WATER TIGHT PLUG
"T" TRIMMED & TINNED END
- CABLE BODY MATERIAL:
"U" PU

- CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP12xxMF-UxxM
- (2) KWP12xxMT-UxxM
- (3) KWP12xxFT-UxxM
- (4) KWP12xxMM-UxxM
- (5) KWP12xxFF-UxxM

WATERPROOF M12 2~8 PIN CABLE ASSEMBLIES (3)

Contact assignment :

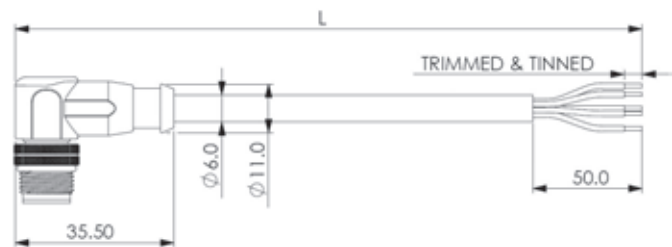
White	①
Brown	②
Green	③
Yellow	④
Grey	⑤
Pink	⑥
Blue	⑦
Red	⑧

SPECIFICATIONS

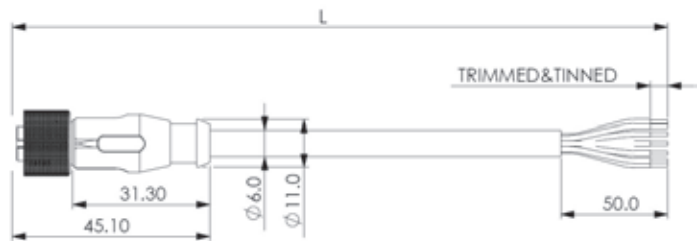
Connector locking system: screw M12 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 6.0mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 30V
Rated current(40°C): 2A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP1208NT-UxxM



KWP1208FT-UxxM

ORDERING INFORMATION:

P/N KWP $\frac{1}{1}$ $\frac{2}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$ - $\frac{U}{5}$ $\frac{xx}{6}$ M

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. NO. OF CONTACTS:
02, 03, 04, 05, 08
3. CONNECTOR AT CABLE END &
4. CONNECTOR AT ANOTHER END:
"F" STRAIGHT WATER TIGHT JACK
"N" RIGHT ANGLE WATER TIGHT PLUG
"T" TRIMMED & TINNED END
5. CABLE BODY MATERIAL:
"U" PU

6. CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP12xxNF-UxxM
- (2) KWP12xxNT-UxxM
- (3) KWP12xxFT-UxxM
- (4) KWP12xxNN-UxxM
- (5) KWP12xxFF-UxxM

WATERPROOF M12 2~8 PIN CABLE ASSEMBLIES (4)

Contact assignment :

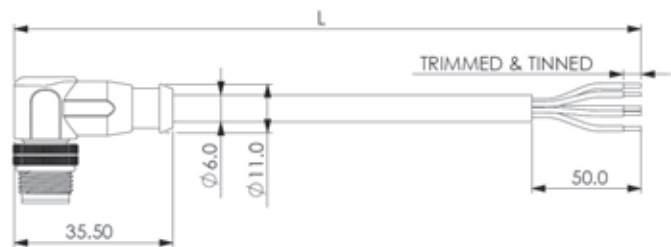
White	①
Brown	②
Green	③
Yellow	④
Grey	⑤
Pink	⑥
Blue	⑦
Red	⑧

SPECIFICATIONS

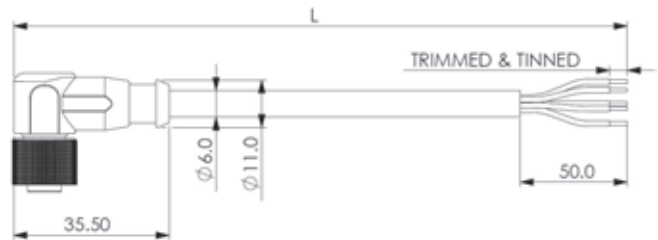
Connector locking system: screw M12 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 6.0mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 30V
Rated current(40°C): 2A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP1208NT-UxxM



KWP1208GT-UxxM

ORDERING INFORMATION:

P/N KWP $\frac{1}{1}$ $\frac{2}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$ - $\frac{U}{5}$ $\frac{xx}{6}$ M

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. NO. OF CONTACTS:
02, 03, 04, 05, 08
3. CONNECTOR AT CABLE END &
4. CONNECTOR AT ANOTHER END:
"G" RIGHT ANGLE WATER TIGHT JACK
"N" RIGHT ANGLE WATER TIGHT PLUG
"T" TRIMMED & TINNED END
5. CABLE BODY MATERIAL:
"U" PU

6. CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP12xxNG-UxxM
- (2) KWP12xxNT-UxxM
- (3) KWP12xxGT-UxxM
- (4) KWP12xxNN-UxxM
- (5) KWP12xxGG-UxxM

WATERPROOF M12 2~8 PIN CABLE ASSEMBLES (5)

Contact assignment :

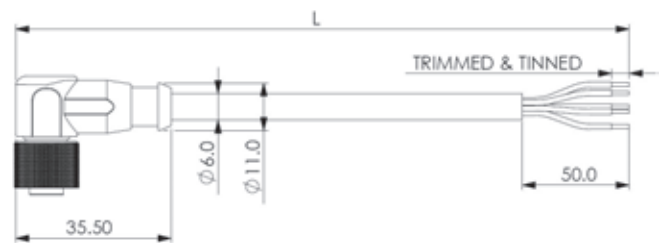
White	①
Brown	②
Green	③
Yellow	④
Grey	⑤
Pink	⑥
Blue	⑦
Red	⑧

SPECIFICATIONS

Connector locking system: screw M12 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 6.0mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 30V
Rated current(40°C): 2A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP1208GT-UxxM



KWP1208MT-UxxM

ORDERING INFORMATION:

P/N KWP 1 2 xx xx - U xx M

- CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
- NO. OF CONTACTS:
02, 03, 04, 05, 08
- CONNECTOR AT CABLE END &
- CONNECTOR AT ANOTHER END:
"M" STRAIGHT WATER TIGHT PLUG
"G" RIGHT ANGLE WATER TIGHT JACK
"T" TRIMMED & TINNED END
- CABLE BODY MATERIAL:
"U" PU

- CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP12xxGM-UxxM
- (2) KWP12xxGT-UxxM
- (3) KWP12xxMT-UxxM
- (4) KWP12xxGG-UxxM
- (5) KWP12xxMM-UxxM

WATERPROOF M12 2~8 PIN CABLE ASSEMBLIES (6)

Contact assignment :

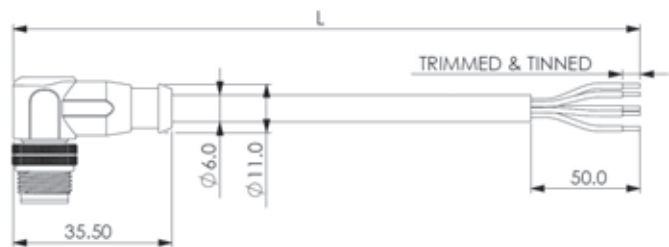
White	①
Brown	②
Green	③
Yellow	④
Grey	⑤
Pink	⑥
Blue	⑦
Red	⑧

SPECIFICATIONS

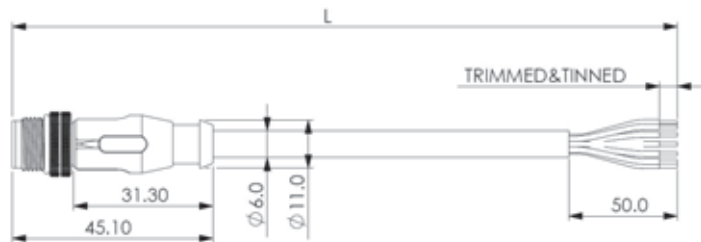
Connector locking system: screw M12 x 1.0
Termination: solder
Wire gauge: AWG 24
Cable outlet: 6.0mm
Degree of protection: IP67, in mated condition
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 30V
Rated current(40°C): 2A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
Waterproof Test:
 Reference to IEC 60529 Edition
 2.1: 2001-02-IP67
All materials must be RoHS compliant.
Unit: mm



KWP1208NT-UxxM



KWP1208MT-UxxM

ORDERING INFORMATION:

P/N KWP $\frac{1}{1}$ $\frac{2}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$ - $\frac{U}{5}$ $\frac{xx}{6}$ M

- CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
- NO. OF CONTACTS:
02, 03, 04, 05, 08
- CONNECTOR AT CABLE END &
- CONNECTOR AT ANOTHER END:
"M" STRAIGHT WATER TIGHT PLUG
"N" RIGHT ANGLE WATER TIGHT PLUG
"T" TRIMMED & TINNED END
- CABLE BODY MATERIAL:
"U" PU

- CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

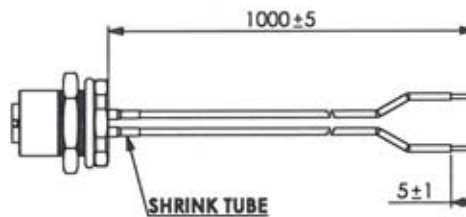
- (1) KWP12xxNM-UxxM
- (2) KWP12xxNT-UxxM
- (3) KWP12xxMT-UxxM
- (4) KWP12xxNN-UxxM
- (5) KWP12xxMM-UxxM

WATERPROOF M12 3~8 PIN CABLE ASSEMBLIES (1)



WIRES: 22AWG *4 (BROWN, BLUE, BLACK, WHITE)

PIN 1 --- Brown
PIN 2 --- White
PIN 3 --- Blue
PIN 4 --- Black

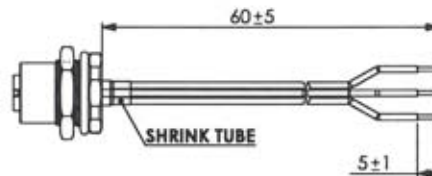


KWP1204HT-WxxM



WIRES : 24AWG*5 (BROWN,BLUE, BLACK, WHITE, YELLOW)

PIN 1 --- Brown
PIN 2 --- White
PIN 3 --- Blue
PIN 4 --- Black
PIN 5 --- Yellow



KWP1205HT-WxxM

ORDERING INFORMATION:

P/N KWP $\frac{1}{2}$ $\frac{x}{x}$ $\frac{x}{x}$ $\frac{x}{x}$ - $\frac{W}{x}$ $\frac{x}{x}$ $\frac{M}{6}$

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. NO. OF CONTACTS:
03, 04, 05, 08
3. CONNECTOR AT CABLE END &
4. CONNECTOR AT ANOTHER END:
"H" WATER TIGHT IP67 RATED
FRONT PANEL MOUNT JACK
"T" TRIMMED & TINNED END
5. CABLE TYPE:
"W" WIRES

6. CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP12xxHH-WxxM
- (2) KWP12xxHT-WxxM

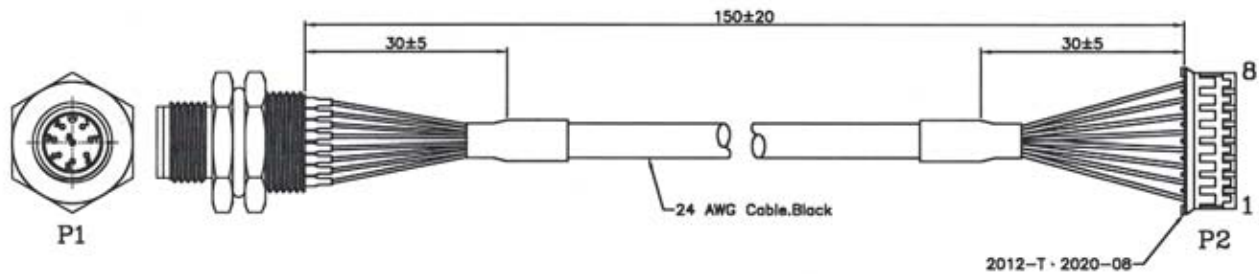
WATERPROOF M12 PANEL REAL MOUNT JACK TO 2.54MM HOUSING CABLE ASSEMBLIES (2)

SPECIFICATIONS

Insulation Resistance: 100M ohm (Min)
Current Rating: 2A
Dielectric Withstanding Voltage: 500V
 AC, 60Hz, 1 Min.
Rated Voltage: 30V AC/DC
Waterproof Rate: IP68
All materials must be RoHS compliant.

MATERIALS

Cable: 24AWG*8C
Plastic Housing: Engineering Thermoplastic
 Flammability Rating UL 94V-0
Contacts: Copper Alloy
Plating: Gold plating over Nickel in contact
Shielded: Brass with Nickel Plated
Unit: mm



KWP1208HS-0.15M

P1	WIRE COLOR	P2
8	BROWN	1
7	WHITE/BROWN	2
6	GREEN	3
5	WHITE/BLUE	4
4	BLUE	5
3	WHITE/GREEN	6
2	ORANGE	7
1	WHITE/ORANGE	8

ORDERING INFORMATION:

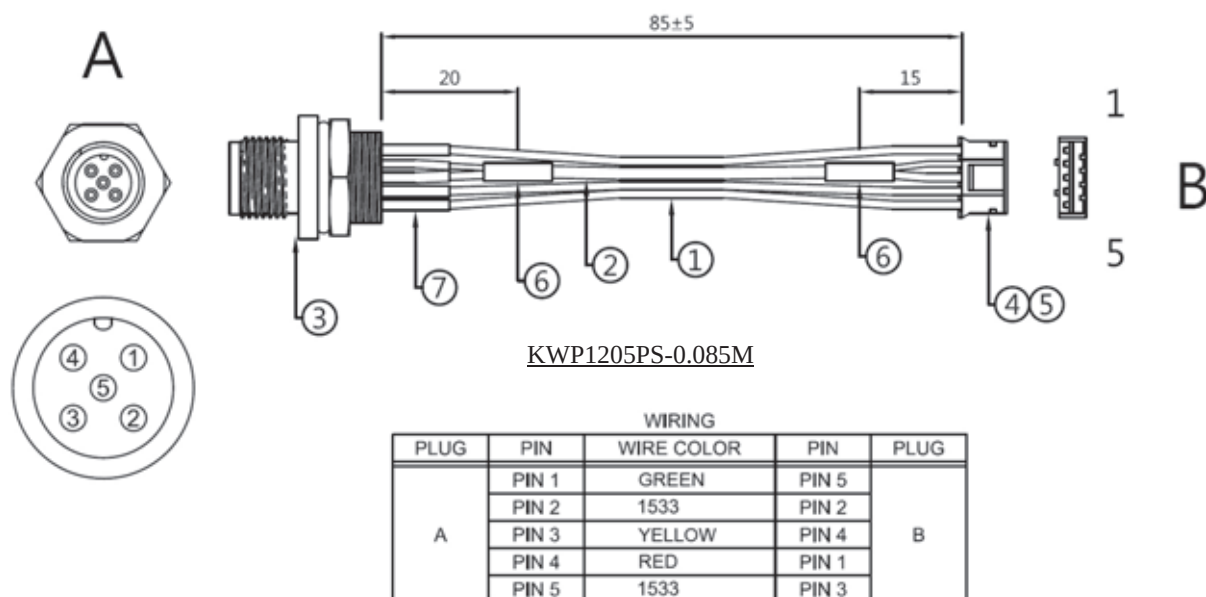
P/N KWP $\frac{1}{1}$ $\frac{2}{2}$ $\frac{x}{x}$ HS - $\frac{0.15}{3}$ M

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. NO.OF CONTACTS:
03, 04, 05, 08
3. LENGTH IN METERS:
0.15, 0.3, 1, 2, ...etc

WATERPROOF M12 PANEL REAR MOUNT JACK TO 2.00MM PITCH HOUSING WIRE HARNESS CABLE

*RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N KWP 12 xx PS - xx M
1 2 3

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12*1.0

2. NO. OF CONTACTS:

02, 03, 04, 05, 06, 07, 08

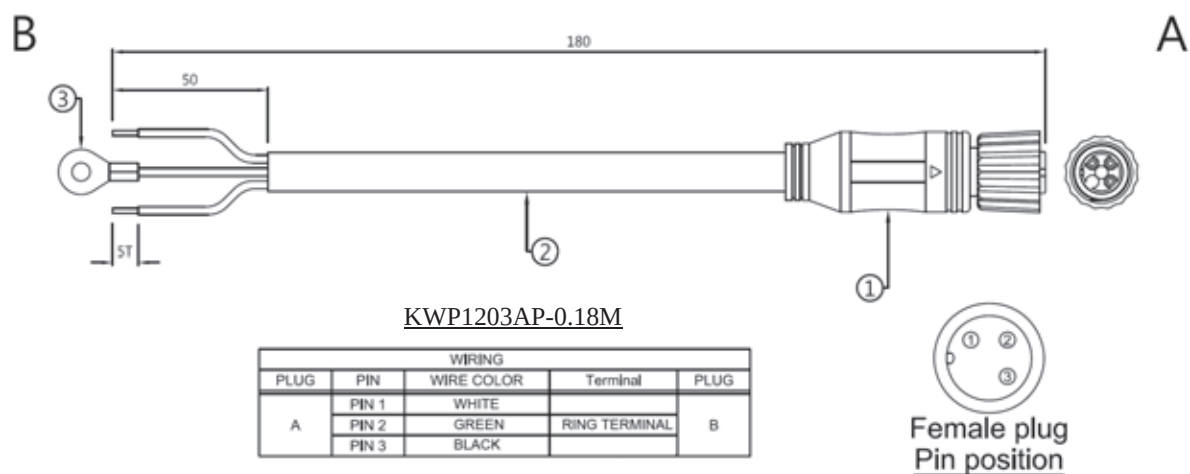
3. LENGTH IN METERS:

0.15, 0.3, 1, 2 ...etc

WATERPROOF M12 ALL PLASTIC CABLE JACK TO RING TERMINAL & TINNED END CABLE ASSEMBLY

*RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

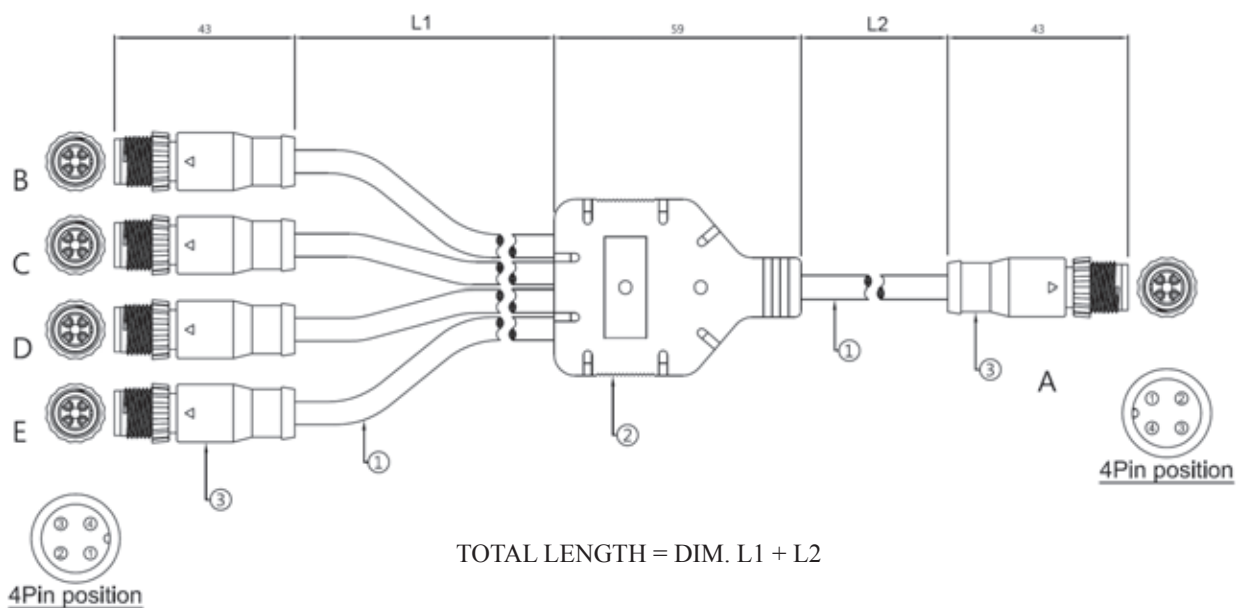
P/N KWP 1 2 xx AP - xx M
1 2 3

1. CONNECTOR LOCKING SYSTEM:
"12" SCREW M12*1.0
2. NO. OF CONTACTS:
02, 03, 04, 05, 06, 07, 08
3. LENGTH IN METERS:
0.15, 0.3, 1, 2 ...etc

WATERPROOF M12 ALL PLASTIC PLUG TO 4 x ALL PLASTIC PLUGS UL2464 AWG20/4C CABLE ASSEMBLY

*RoHS & REACH compliant.

Unit: mm



ORDERING INFORMATION:

P/N K W P $\frac{1}{2}$ $\frac{x}{2}$ M P - $\frac{x}{3}$ $\frac{x}{4}$ M $\frac{x}{4}$

1. CONNECTOR LOCKING SYSTEM:

"12" SCREW M12*1.0

2. NO. OF CONTACTS:

02, 03, 04, 05, 06, 07, 08

3. TOTAL LENGTH IN METERS:

0.15, 0.3, 1, 2 ...etc

4. CODE OF LENGTH:

A, B, C, D, ...etc.

NOTE1: TOTAL LENGTH = DIM. L1 + DIM. L2

NOTE2: PLEASE GIVE US DIM. L1 + DIM. L2 WHEN INQUIRY!

WATERPROOF M22 4~5 PIN CABLE ASSEMBLIES (1)

Contact assignment :

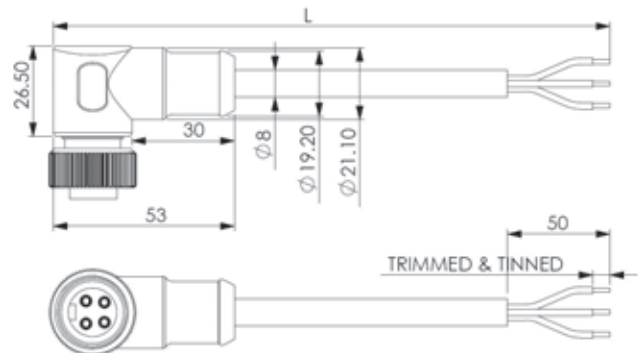
Brown	1
Grey	2
Blue	3
Black	4

SPECIFICATIONS

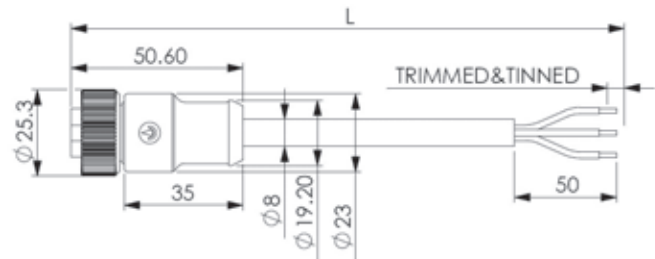
Connector locking system: screw 7/8"-16UN
Termination: solder
Wire gauge: AWG 16
Cable outlet: 8.0mm
Degree of protection: IP68
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 300V
Rated current(40°C): 9A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
All materials must be RoHS compliant.
Unit: mm



KWP2204GT-UxxM



KWP2204FT-UxxM

ORDERING INFORMATION:

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

- CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
- NO. OF CONTACTS:
04, 05
- CONNECTOR AT CABLE END &
- CONNECTOR AT ANOTHER END:
"F" STRAIGHT WATER TIGHT JACK
"G" RIGHT ANGLE WATER TIGHT JACK
"T" TRIMMED & TINNED END
- CABLE BODY MATERIAL:
"U" PU

- CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP22xxGF-UxxM
- (2) KWP22xxGT-UxxM
- (3) KWP22xxFT-UxxM
- (4) KWP22xxGG-UxxM
- (5) KWP22xxFF-UxxM

WATERPROOF M22 4~5 PIN CABLE ASSEMBLIES (2)

Contact assignment :

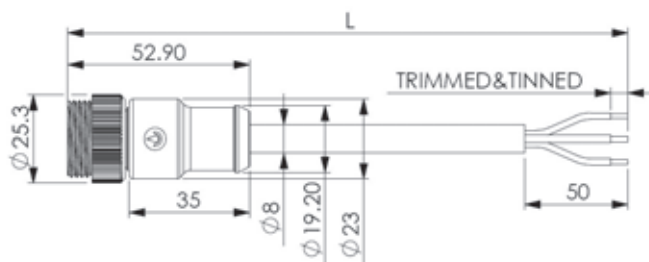
Brown	1
Grey	2
Blue	3
Black	4

SPECIFICATIONS

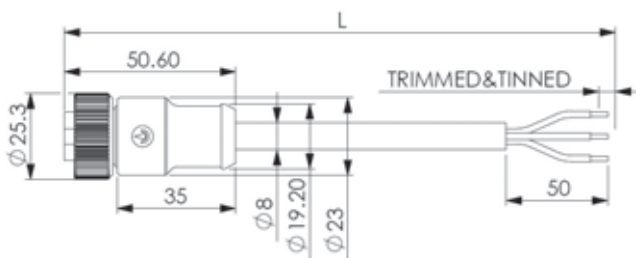
Connector locking system: screw 7/8"-16UN
Termination: solder
Wire gauge: AWG 16
Cable outlet: 8.0mm
Degree of protection: IP68
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 300V
Rated current(40°C): 9A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
All materials must be RoHS compliant.
Unit: mm



KWP2204MT-UxxM



KWP2204FT-UxxM

ORDERING INFORMATION:

P/N K W P 2 2 x x x x - U x x M
1 2 3 4 5 6

- CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
- NO. OF CONTACTS:
04, 05
- CONNECTOR AT CABLE END &
- CONNECTOR AT ANOTHER END:
"F" STRAIGHT WATER TIGHT JACK
"M" STRAIGHT WATER TIGHT PLUG
"T" TRIMMED & TINNED END
- CABLE BODY MATERIAL:
"U" PU

- CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP22xxMF-UxxM
- (2) KWP22xxMT-UxxM
- (3) KWP22xxFT-UxxM
- (4) KWP22xxMM-UxxM
- (5) KWP22xxFF-UxxM

WATERPROOF M22 4~5 PIN CABLE ASSEMBLIES (3)

Contact assignment :

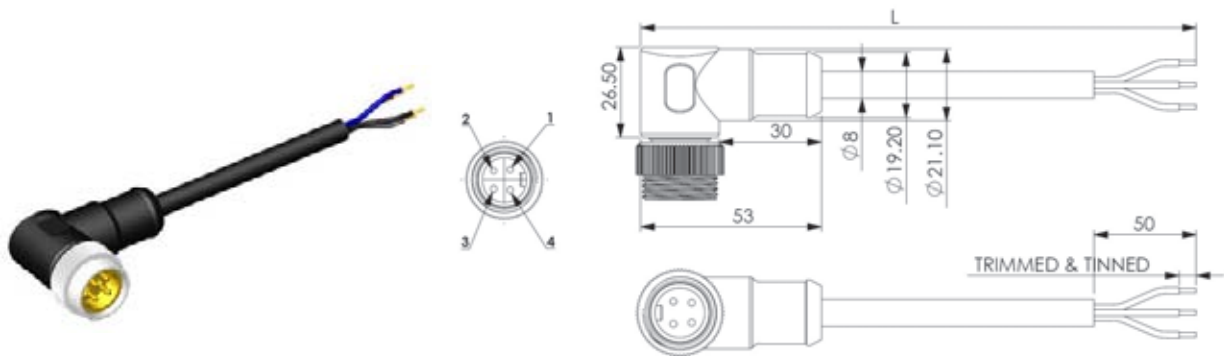
Brown	1
Grey	2
Blue	3
Black	4

SPECIFICATIONS

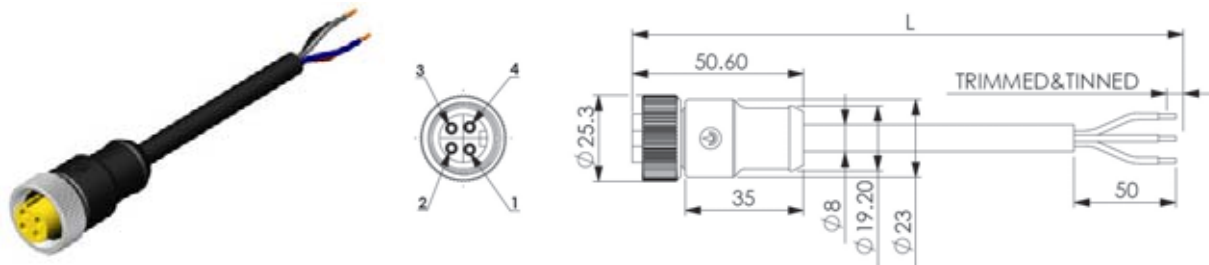
Connector locking system: screw 7/8"-16UN
Termination: solder
Wire gauge: AWG 16
Cable outlet: 8.0mm
Degree of protection: IP68
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 300V
Rated current(40°C): 9A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
All materials must be RoHS compliant.
Unit: mm



KWP2204NT-UxxM



KWP2204FT-UxxM

ORDERING INFORMATION:

P/N K W P 2 2 x x x x - U x x M
1 2 3 4 5 6

- CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
- NO. OF CONTACTS:
04, 05
- CONNECTOR AT CABLE END &
- CONNECTOR AT ANOTHER END:
"F" STRAIGHT WATER TIGHT JACK
"N" RIGHT ANGLE WATER TIGHT PLUG
"T" TRIMMED & TINNED END
- CABLE BODY MATERIAL:
"U" PU

- CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP22xxNF-UxxM
- (2) KWP22xxNT-UxxM
- (3) KWP22xxFT-UxxM
- (4) KWP22xxNN-UxxM
- (5) KWP22xxFF-UxxM

WATERPROOF M22 4~5 PIN CABLE ASSEMBLIES (4)

Contact assignment :

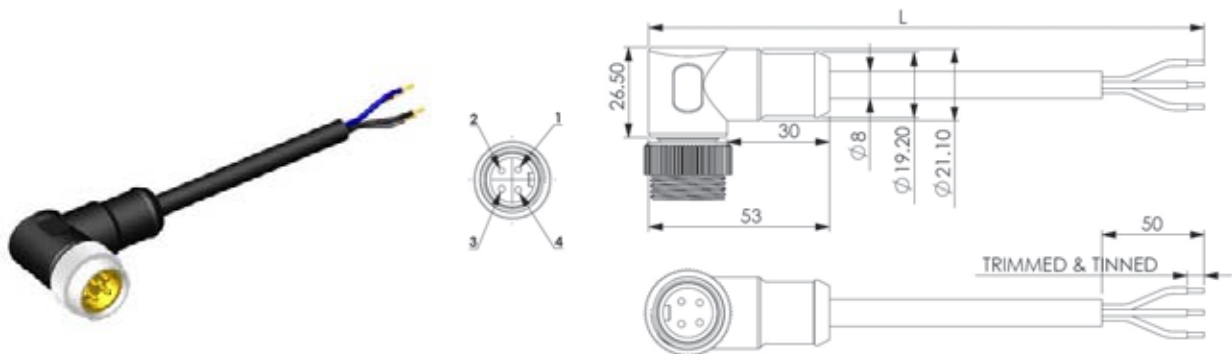
Brown	1
Grey	2
Blue	3
Black	4

SPECIFICATIONS

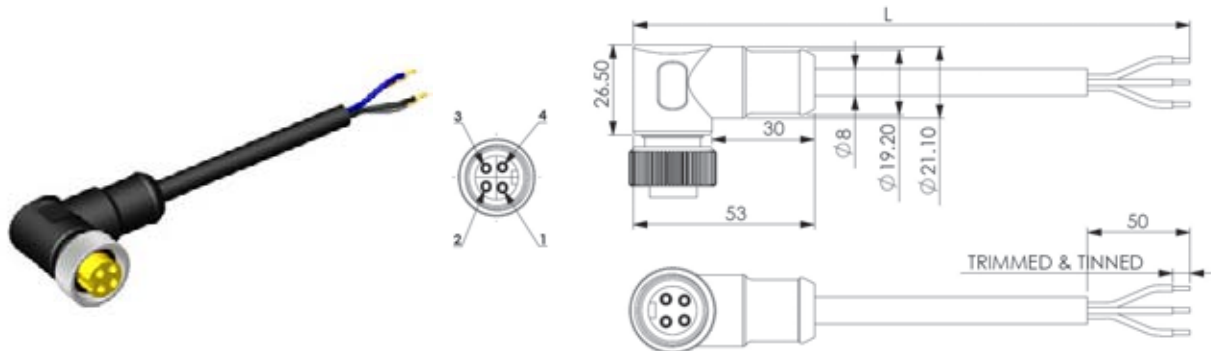
Connector locking system: screw 7/8"-16UN
Termination: solder
Wire gauge: AWG 16
Cable outlet: 8.0mm
Degree of protection: IP68
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 300V
Rated current(40°C): 9A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
All materials must be RoHS compliant.
Unit: mm



KWP2204NT-UxxM



KWP2204GT-UxxM

ORDERING INFORMATION:

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

- CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
- NO. OF CONTACTS:
04, 05
- CONNECTOR AT CABLE END &
- CONNECTOR AT ANOTHER END:
"G" RIGHT ANGLE WATER TIGHT JACK
"N" RIGHT ANGLE WATER TIGHT PLUG
"T" TRIMMED & TINNED END
- CABLE BODY MATERIAL:
"U" PU

- CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP22xxNG-UxxM
- (2) KWP22xxNT-UxxM
- (3) KWP22xxGT-UxxM
- (4) KWP22xxNN-UxxM
- (5) KWP22xxGG-UxxM

WATERPROOF M22 4~5 PIN CABLE ASSEMBLIES (5)

Contact assignment :

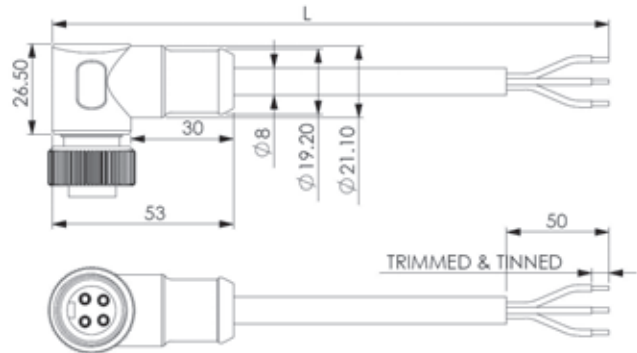
Brown	1
Grey	2
Blue	3
Black	4

SPECIFICATIONS

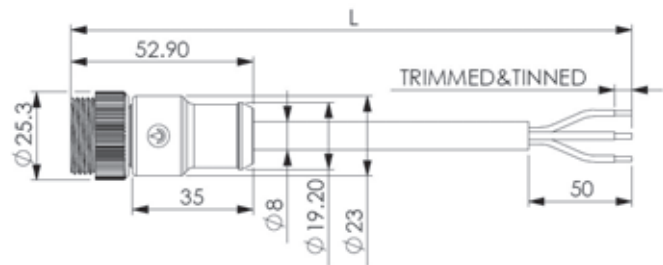
Connector locking system: screw 7/8"-16UN
Termination: solder
Wire gauge: AWG 16
Cable outlet: 8.0mm
Degree of protection: IP68
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 300V
Rated current(40°C): 9A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
All materials must be RoHS compliant.
Unit: mm



KWP2204GT-UxxM



KWP2204MT-UxxM

ORDERING INFORMATION:

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

- CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
- NO. OF CONTACTS:
04, 05
- CONNECTOR AT CABLE END &
- CONNECTOR AT ANOTHER END:
"M" STRAIGHT WATER TIGHT PLUG
"G" RIGHT ANGLE WATER TIGHT JACK
"T" TRIMMED & TINNED END
- CABLE BODY MATERIAL:
"U" PU

- CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

- (1) KWP22xxGM-UxxM
- (2) KWP22xxGT-UxxM
- (3) KWP22xxMT-UxxM
- (4) KWP22xxGG-UxxM
- (5) KWP22xxMM-UxxM

WATERPROOF M22 4~5 PIN CABLE ASSEMBLIES (6)

Contact assignment :

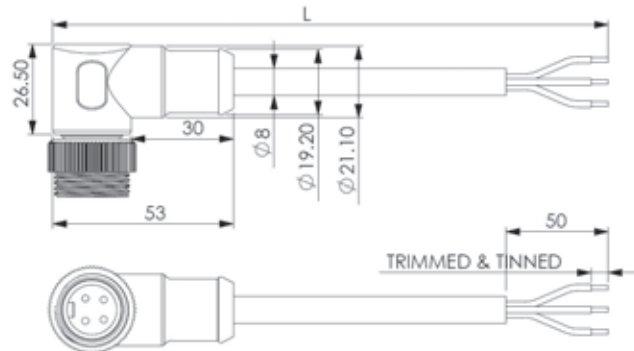
Brown	1
Grey	2
Blue	3
Black	4

SPECIFICATIONS

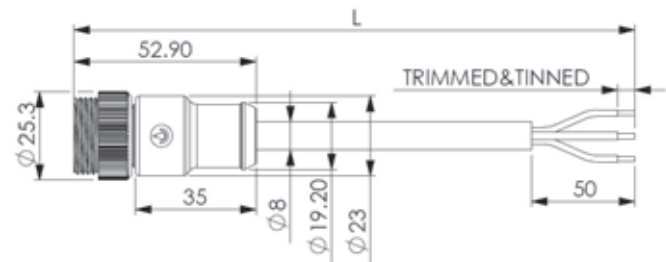
Connector locking system: screw 7/8"-16UN
Termination: solder
Wire gauge: AWG 16
Cable outlet: 8.0mm
Degree of protection: IP68
Mechanical operation: >100 mating cycles
Upper temperature: +80°C
Lower temperature: -25°C
Rated voltage: 300V
Rated current(40°C): 9A
Contact resistance: ≤3mΩ

MATERIALS

Contact: Brass
Contact plating: Nickel 50μ / Gold 10μ
Housing: PBT+30%GF
Coupling nut: Brass, Nickel plated
Moulding body: PU
All materials must be RoHS compliant.
Unit: mm



KWP2204NT-UxxM



KWP2204MT-UxxM

ORDERING INFORMATION:

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

- CONNECTOR LOCKING SYSTEM:
"22" SCREW 7/8"-16UN
- NO. OF CONTACTS:
04, 05
- CONNECTOR AT CABLE END &
- CONNECTOR AT ANOTHER END:
"M" STRAIGHT WATER TIGHT PLUG
"N" RIGHT ANGLE WATER TIGHT PLUG
"T" TRIMMED & TINNED END
- CABLE BODY MATERIAL:
"U" PU

- CABLE LENGTH (UNIT: M)
1M, 2M, 3M, 5M...etc.

*AVAILABLE CABLE ASSEMBLIES:

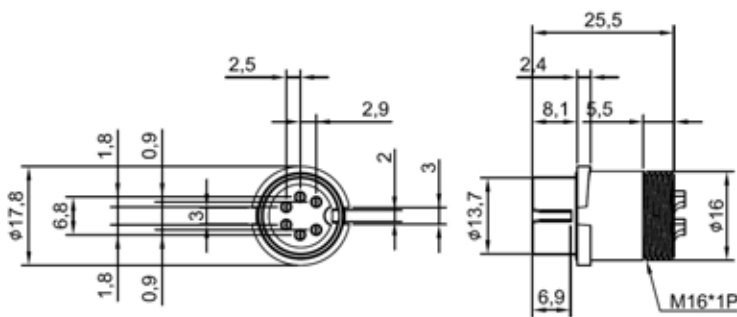
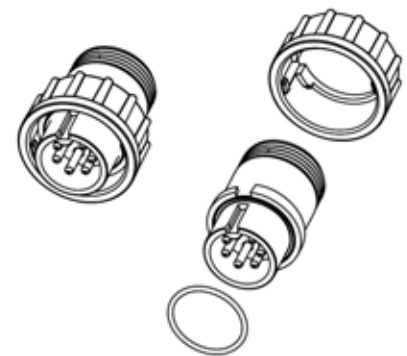
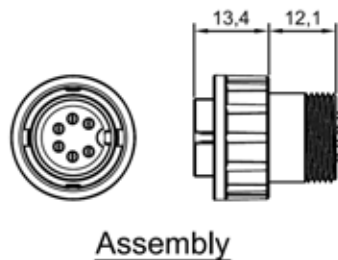
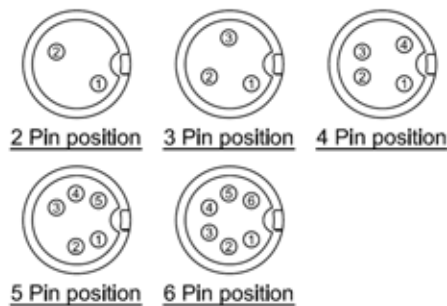
- (1) KWP22xxNM-UxxM
- (2) KWP22xxNT-UxxM
- (3) KWP22xxMT-UxxM
- (4) KWP22xxNN-UxxM
- (5) KWP22xxMM-UxxM

WATERPROOF IP68 & 10A RATED CIRCULAR TYPE C 2~6 PIN PLUG ALL PLASTIC CABLE ASSEMBLY TYPE

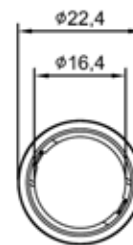


MATERIALS

Contact: Brass, gold plated 3u inch
Connector body: PA66+25%GF, Black
PA Lock: PA66+25%GF, Black
Ring: NBR, Black
Current Rating: 10A
Waterproof Rating: IP67 and IP68
*** RoHS & REACH compliant.**
Unit: mm



C-type 2~6Pin Male Housing



Lock



Ring

ORDERING INFORMATION:

P/N W P C $\frac{TC}{1}$ $\frac{M}{2}$ - $\frac{x}{3}$ $\frac{AT}{4}$

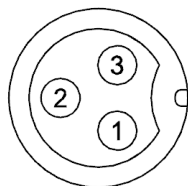
1. CONNECTOR LOCKING SYSTEM:
"TC" CIRCULAR TYPE C
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
02, 03, 04, 05, 06
4. APPLICABLE TYPE:
"AT" 10A RATED CABLE ASSEMBLY TYPE

WATERPROOF IP68 & 16A RATED CIRCULAR TYPE C 3 PIN PLUG ALL PLASTIC CABLE ASSEMBLY TYPE

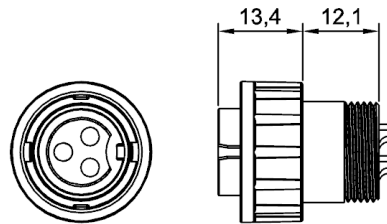


MATERIALS

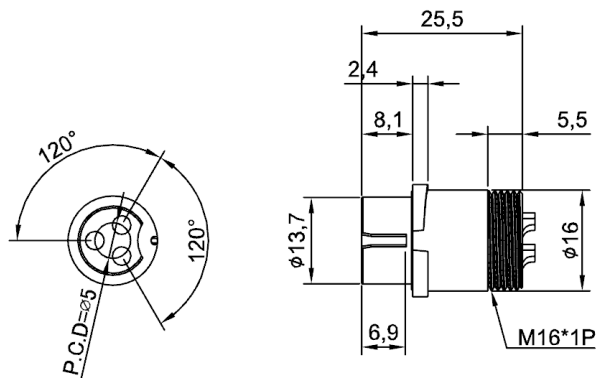
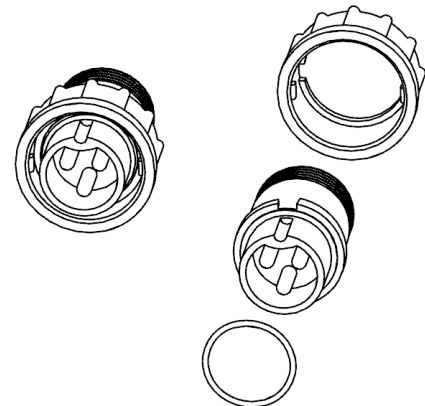
Contact: Brass, gold plated 3u inch
Connector body: PA66+25%GF, Black
PA Lock: PA66+25%GF, Black
Ring: NBR, Black
Current Rating: 16A
Waterproof Rating: IP67 and IP68
*** RoHS & REACH compliant.**
Unit: mm



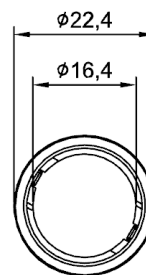
Pin position



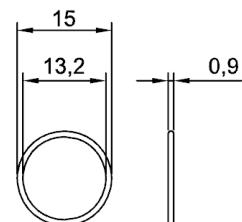
Assembly



C-type 3Pin Male Housing



Lock



Ring

ORDERING INFORMATION:

P/N W P C T C M - 03 A P
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"TC" CIRCULAR TYPE C
2. CONNECTOR TYPE:
"M" MALE (PLUG)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"AP" 16A RATED CABLE ASSEMBLY TYPE

A black, hexagonal industrial connector with four yellow pins. The connector has a hexagonal body with a threaded section on one side and a circular face with four yellow pins. The pins are arranged in a 2x2 grid. The connector is shown from a perspective view.

Contact: Brass, gold plated 3u inch
Connector body: PA66+25%GF, Black
PA Lock: PA66+25%GF, Black
Ring: NBR, Black
Current Rating: 5A
Waterproof Rating: IP67 and IP68
*** RoHS & REACH compliant.**
Unit: mm

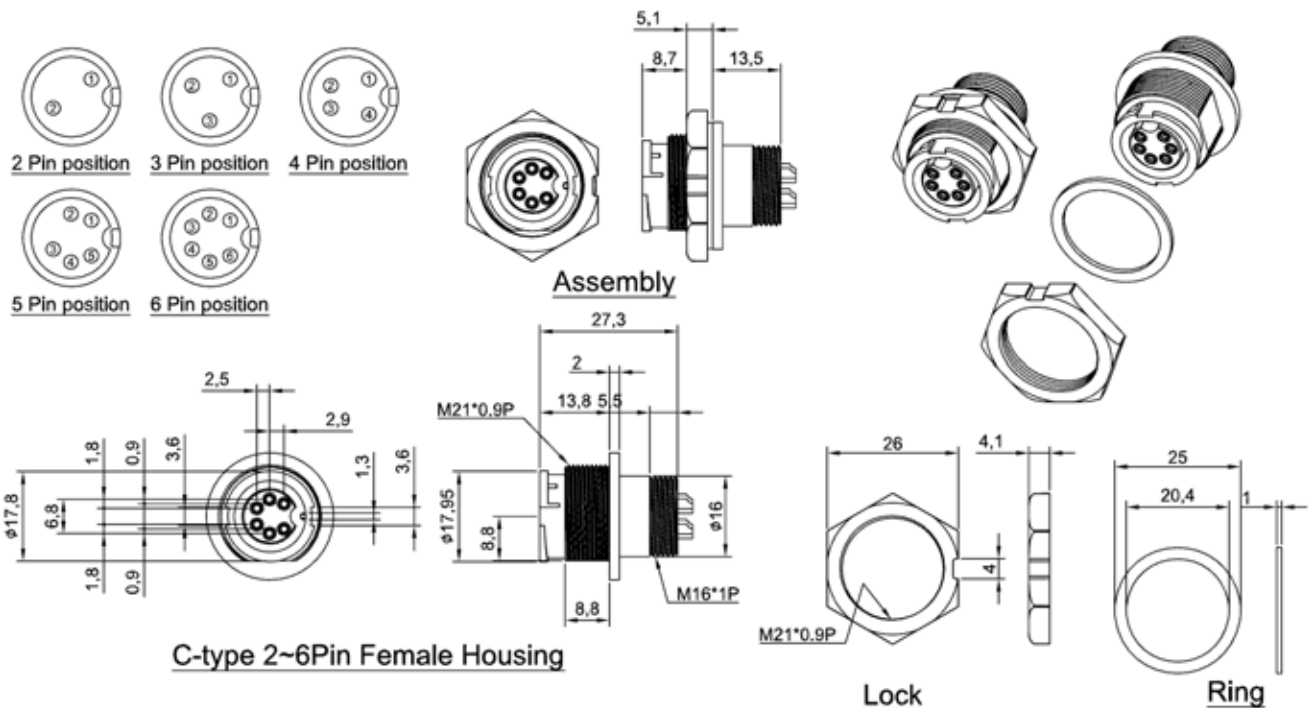


WATERPROOF IP68 & 10A RATED CIRCULAR TYPE C 2~6 PIN JACK ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch
Connector body: PA66+25%GF, Black
PA Lock: PA66+25%GF, Black
Ring: NBR, Black
Current Rating: 10A
Waterproof Rating: IP67 and IP68
*** RoHS & REACH compliant.**
Unit: mm



ORDERING INFORMATION:

P/N W P C $\frac{TC}{1}$ $\frac{F}{2}$ - $\frac{xx}{3}$ $\frac{AS}{4}$

1. CONNECTOR LOCKING SYSTEM:
"TC" CIRCULAR TYPE C
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
02, 03, 04, 05, 06
4. APPLICABLE TYPE:
"AS" 10A RATED CABLE ASSEMBLY TYPE

WATERPROOF IP68 & 16A RATED CIRCULAR TYPE C 3 PIN JACK ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

PA Lock: PA66+25%GF, Black

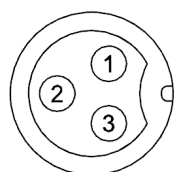
Ring: NBR, Black

Current Rating: 16A

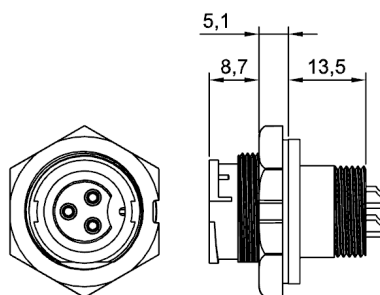
Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

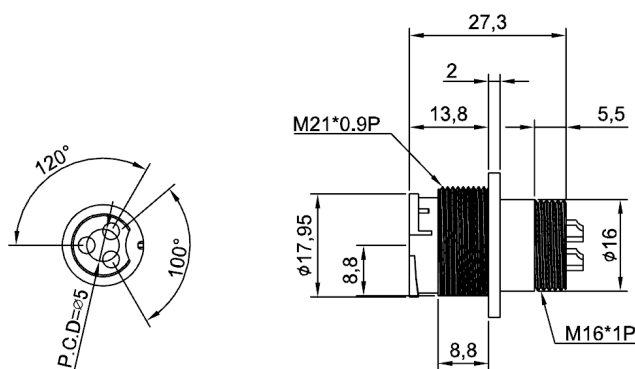
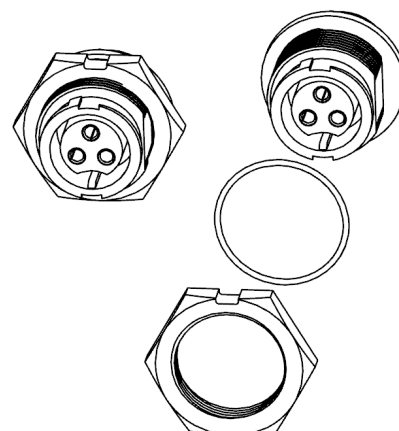
Unit: mm



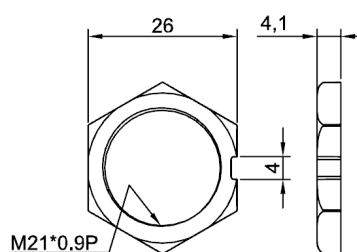
Pin position



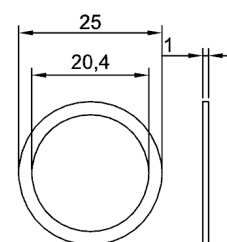
Assembly



C-type 3Pin Female Housing



Lock



Ring

ORDERING INFORMATION:

P/N W P C T C F - 03 AP
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"TC" CIRCULAR TYPE C
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
03
4. APPLICABLE TYPE:
"AP" 16A RATED CABLE ASSEMBLY TYPE

WATERPROOF IP68 & 5A RATED CIRCULAR TYPE C 14 PIN JACK ALL PLASTIC CABLE ASSEMBLY TYPE



MATERIALS

Contact: Brass, gold plated 3u inch

Connector body: PA66+25%GF, Black

PA Lock: PA66+25%GF, Black

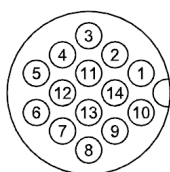
Ring: NBR, Black

Current Rating: 5A

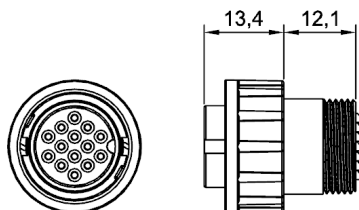
Waterproof Rating: IP67 and IP68

*** RoHS & REACH compliant.**

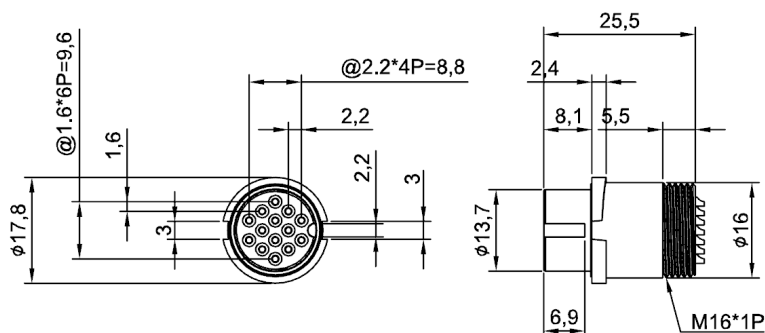
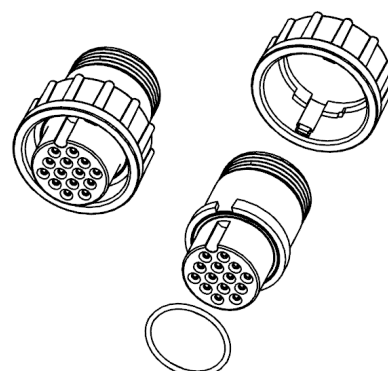
Unit: mm



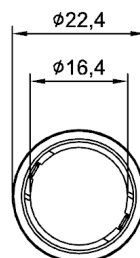
Pin position



Assembly



C-type 14Pin Female Housing



Lock



Ring

ORDERING INFORMATION:

P/N W P C TC F - 14 AR
1 2 3 4

1. CONNECTOR LOCKING SYSTEM:
"TC" CIRCULAR TYPE C
2. CONNECTOR TYPE:
"F" FEMALE (JACK)
3. NO. OF CONTACTS:
14
4. APPLICABLE TYPE:
"AR" 5 A RATED CABLE ASSEMBLY TYPE