

M12 Female Panel Mount, PCB Type, Front Fastened, Shielded Pin

The catalog is for reference only. The actual specifications are subject to the product engineering drawings. version 1.0

## Connector Series: M12

| | |
|---|---|
| Gender | Female |
| Coding | A,B,C,D |
| Locking Type | Fix Screw |
| Mounting Type | Front Fastened |
| Part No | M12-X**-ST1-F01-BQ* |

## Technical Data

| | |
|---|---|
| Standard | IEC61076-2-101 |
| Ambient Temperatur | -40℃~+105℃ |
| Insulation Resistance | ≥100MΩ |
| Contact Resistance | ≤5mΩ |

| | |
|---|---|
| IP Class | IP67 |
| Mating Endurance | >100 Mating Cycles |

## Material Data

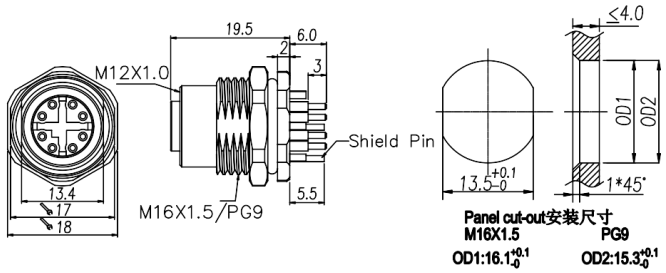
| | |
|---|---|
| Connector Carriers | PA |
| Connector Contacts | Copper Alloy With Gold Plated |
| Connector Nut/Screw | Copper Alloy With Nickel Plated |
| Shielding | Ground |
| Seal/O-Ring | FKM |
| Length of the Solder Pin | 6mm |

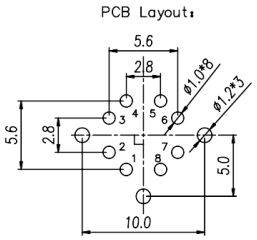
## Electrical Data & Mechanical Date

| | |
|---|---|
| Available Coding | X-Coding |
| Contacts Pin [Pins] | 8 |
| Rated Current [A] | 0.5 |
| Voltage AC/DC [V] | 50/60 |
| Contacts Termination | PCB Version |

## Dimensions

## PCB hole diagram


19.5
6.0
2
3
M12X1.0
Shield Pin
13.4
17
18
5.5
M16X1.5/PG9
≤4.0
OD1
OD2
13.5+0.1 -0
1*45°
Panel cut-out安装尺寸
M16X1.5
PG9
OD1:16.1+0.1 -0
OD2:15.3+0.1 -0


PCB Layout:
5.6
2.8
ø1.0*8
ø1.2*3
5.6
2.8
5.0
10.0
1
2
3
4
5
6
7
8