

M12 Female Panel Mount, PCB Type, Front Fastened

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**-ST0-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

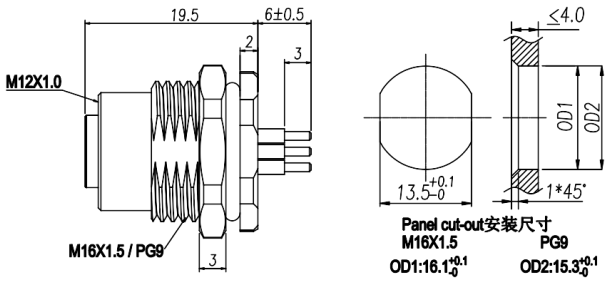
| | |
|---|---|
| Connector Carriers | PA |
| Connector Contacts | Copper Alloy With Gold Plated |
| Connector Nut/Screw | Copper Alloy With Nickel Plated |
| Shielding | Unshielded |
| Seal/O-Ring | FKM |
| Length of the Solder Pin | 6mm |

## Electrical Data & Mechanical Date

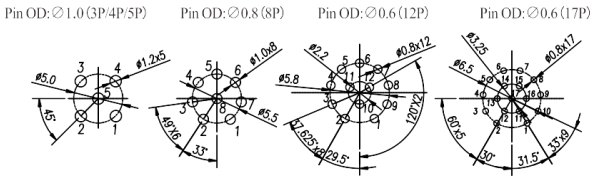
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Contacts Pin [Pins] | 3 | 4 | 5 | 6 | 8 | 12 | 17 |
| Rated Current [A] | 4 | 4 | 4/2 | 2 | 2 | 1.5 | 1.5 |
| Voltage AC/DC [V] | 250/250 | 250/250 | 60/60 | 30/30 | 30/30 | 30/30 | 30/30 |
| Contacts Termination | PCB Version | | | | | | |

## Dimensions

## PCB hole diagram




PCB Layout(M12 Male Connerctor A,B,D-Coding)




M12 Male Connerctor C-Coding

