

M12 母头面板式，PCB型，前锁安装，屏蔽针

目录仅供参考，实际规格依产品工程图为准 版本1.0

## 连接器系列 Connector Series: M12

| | |
|---|---|
| 类型 Gender | Female 母 |
| 编码 Coding | A,B,C,D |
| 装配方式 Locking Type | Fix Screw 锁螺丝 |
| 安装类型 Mounting Type | Front Fastened 前锁 |
| 产品编码 Part No | M12-X**-ST1-F01-BQ* |

## 技术参数 Technical Data

| | |
|---|---|
| 标准 Standard | IEC61076-2-101 |
| 工作温度 Ambient Temperatur | -40℃~+105℃ |
| 绝缘电阻 Insulation Resistance | ≥100MΩ |
| 接触电阻 Contact Resistance | ≤5mΩ |
| 防护等级 IP Class | IP67 |

| | |
|---|---|
| 机械寿命 Mating Endurance | >100 Mating Cycles |

## 材质说明 Material Data

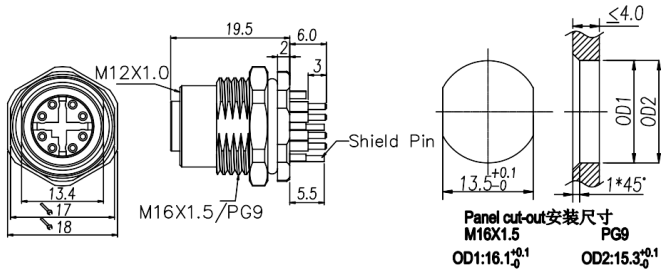
| | |
|---|---|
| 胶芯材料 Connector Carriers | PA |
| 接触端子 Connector Contacts | Copper Alloy With Gold Plated 铜镀金 |
| 螺母/螺丝 Connector Nut/Screw | Copper Alloy With Nickel Plated 铜镀镍 |
| 屏蔽 Shielding | Ground 接地 |
| 密封胶圈 Seal/O-Ring | FKM 氟橡胶 |
| 焊脚长度 Length of the Solder Pin | 6mm |

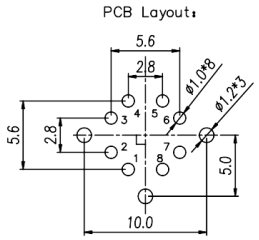
## 电气参数&机械参数 Electrical Data & Mechanical Date

| | |
|---|---|
| 防插错编码 Available Coding | X-Coding |
| Pin数 Contacts Pin [Pins] | 8 |
| 额定电流 Rated Current [A] | 0.5 |
| 电压 Voltage AC/DC [V] | 50/60 |
| 连接方式 Contacts Termination | PCB Version |

## 尺寸图

## PCB开孔图


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