

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

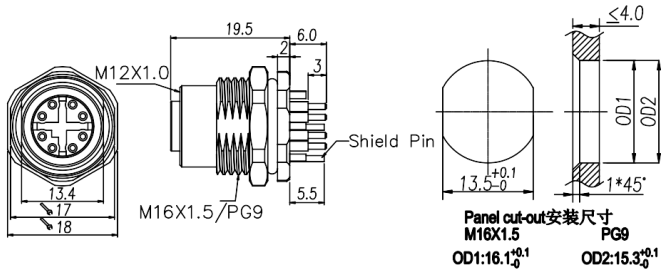
Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated
Connector Nut/Screw	Copper Alloy With Nickel Plated
Shielding	Ground
Seal/O-Ring	FKM
Length of the Solder Pin	6mm

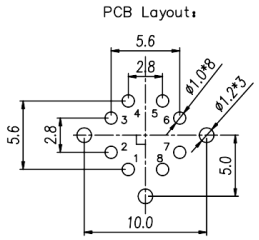
Electrical Data & Mechanical Date

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