

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

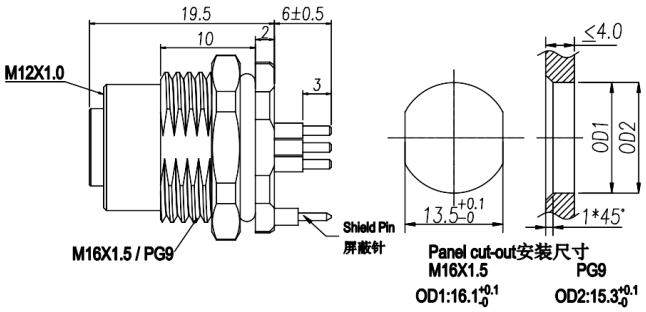
Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated
Connector Nut/Screw	Copper Alloy With Nickel Plated
Shielding	Ground
Seal/O-Ring	FKM
Length of the Solder Pin	6mm

Electrical Data & Mechanical Date

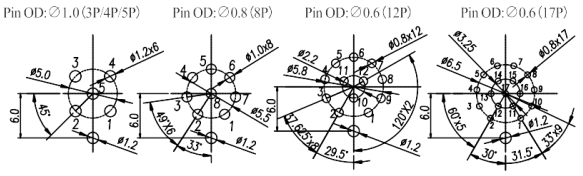
Contacts Pin [Pins]	3	4	5	6	8	12	17
Rated Current [A]	4	4	4/2	2	2	1.5	1.5
Voltage AC/DC [V]	250/250	250/250	60/60	30/30	30/30	30/30	30/30
Contacts Termination	PCB Version						

Dimensions

PCB hole diagram



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



M12 Male Connerctor C-Coding

