

M12 Female Panel Mount, PCB Type, Rear
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	Rear Fastened
Part No	M12-X**-ST1-F01-BH*

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						

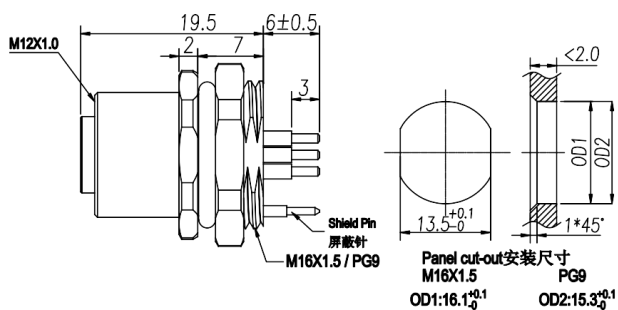
Dimensions

PCB hole diagram

M12-X**-ST1-F01-BH*

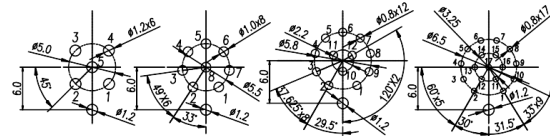
M12 Circular Connector

Download Date:2026-08-11



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

Pin OD: ∅1.0 (3P/4P/5P) Pin OD: ∅0.8 (8P) Pin OD: ∅0.6 (12P) Pin OD: ∅0.6 (17P)



M12 Male Connector C-Coding

