

M12 Female Panel Mount, PCB Type, Front Fastened

M12 Circular Connector

Download date : 2025-10-19



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*
X:A,B,C,D Coding
**:03,04,05...(Pin)
*:1=M16X1.5 2=PG9,...



For reference only!version1.0

Technical Data

Standard	IEC61076-2-101
Ambient Temperatur	-40°C~+105°C
Insulation Resistance	≥100MΩ
Contact Resistance	≤10mΩ
IP Class	IP67
Mating Endurance	>100 Mating Cycles

Material Data

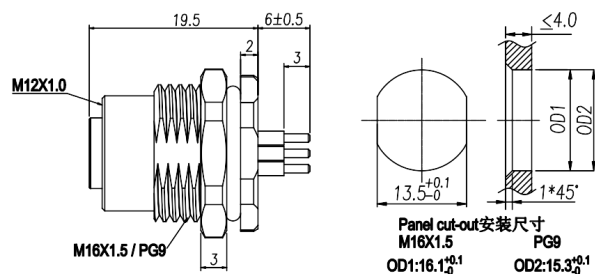
Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring	FKM 氟橡胶
Shielding	Unshielded 非屏蔽
Length of the Solder Pin	6mm

Electrical Data & Mechanical Date

Contacts Pin	3/4Pins	5Pins	6/8Pins	12/17Pins
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Rated Current	4A	4/2A (C-code)	2A	1.5A
Voltage AC/DC	250V	60V	30V	30V
Contacts Termination	PCB Version			

Dimensions



PCB opening diagram

