

M5 Female Panel Mount, Solder Type, Rear Fastened With Wires

M5 Circular Connector

Download date : 2025-10-15



Connector Series : M5

Gender : Female

Coding : A

Locking Type : Fix Screw

Mounting Type: Rear Fastened

Part No : M05-A**-ST0-F02-BH1-XXX

A:A, B Coding

** : 03, 04 (Pin)

BH1:1=M5X0.5(OD1)

XXX:050=0.5M, 100=1M,
10M=10M...(Length)



For reference only!version1.0

Technical Data

Standard	IEC61076-2-105
Ambient Temperatur	-25°C~+85°C
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 铜镀金

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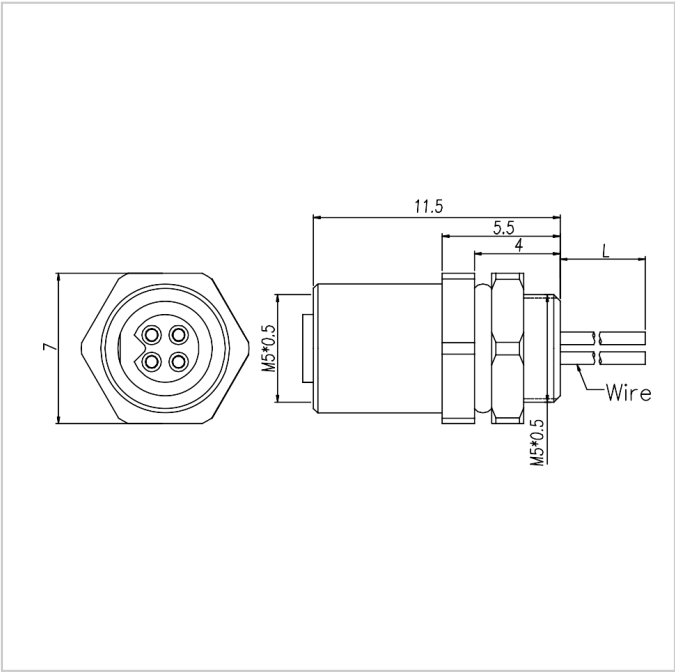
Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring	FKM 氟橡胶
Shielding	Unshielded 非屏蔽

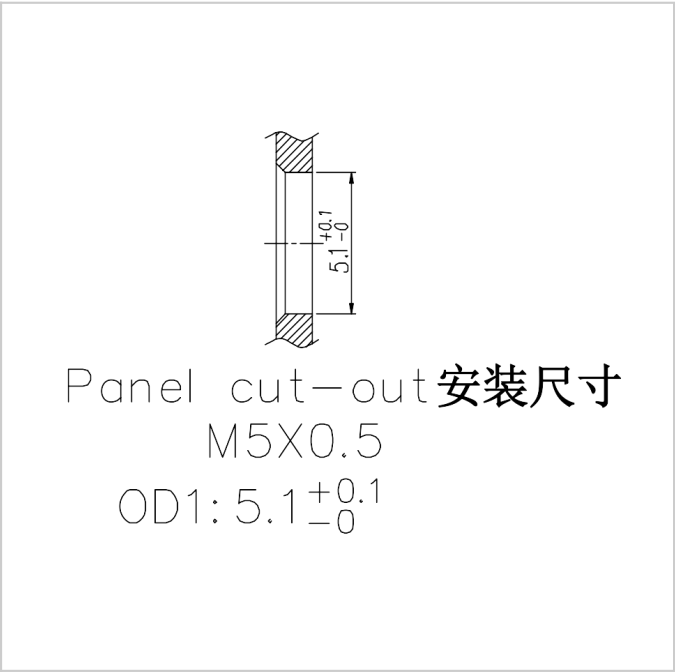
Electrical Data & Mechanical Date

Contacts Pin	3Pins	4Pins
Rated Current	1A	1A
Voltage AC/DC	60V/60V	60V/60V
Wire Range AWG/mm²	22/0.34	22/0.34 24/0.25

Dimensions

PCB opening diagram





Panel cut-out 安装尺寸
M5X0.5
OD1: 5.1^{+0.1}₋₀

Specification Selection Table

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Contacts Pin数	Available Coding 防插错编码	Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO.产品编号
			AC	DC	AWG	mm ²	
03Pins	 A-Coding	1A	60V	60V	26	0.14	M05-A03-ST0-F02-BH1-XXX
04Pins	 A-Coding	1A	60V	60V	26	0.14	M05-A04-ST0-F02-BH1-XXX