M5 Female Panel Mount, Solder Type, Front Fastened

M5 Circular Connector

Download date：2025-12-06

Connector Series：M5

Gender：Female

Coding：A

Locking Type： Fix Screw

Mounting Type: Front Fastened

Part No：M05-A**-ST0-F02-BQ2

A:A, B Coding

**：03, 04（Pin）

BQ2:2=M7X0.75(OD2)

RoHS IP67

For reference only!version1.0

Technical Data

Standard	IEC61076-2-105
Ambient Temperatur	-25℃~+85℃
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
Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring	FKM 氟橡胶

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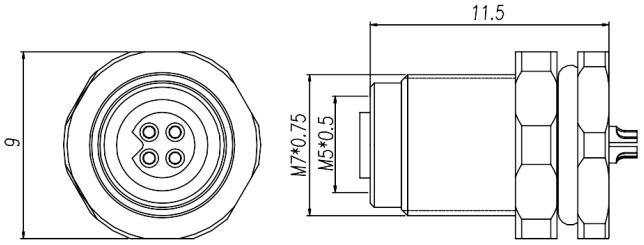
Shielding	Unshielded 非屏蔽

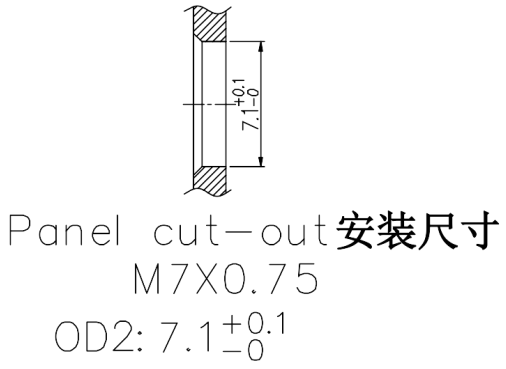
Electrical Data & Mechanical Date

Contacts Pin	3Pins	4Pins
Rated Current	1A	1A
Voltage AC/DC	60V/60V	60V/60V
Wire Range AWG/mm²	26/0.14	26/0.14

Dimensions



PCB opening diagram



Specification Selection Table

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	mm²	
03Pins	A-Coding	1A	60V	60V	26	0.14	M05-A03-ST0-F02-BQ2
04Pins	A-Coding	1A	60V	60V	26	0.14	M05-A04-ST0-F02-BQ2