



Connector Series 连接器系列：M5
Gender 类型：Female 母
Coding 编码：A
Locking Type 装配方式：Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编码：M05-A**-ST0-F02-BQ2-XXX
A:A, B Coding(A, B扣)
**：03, 04(Pin数)
BQ2:2=M7X0.75(OD2)
XXX:050=0.5M, 100=1M,
10M=10M...(Length长度)



目录仅供参考，实际规格依产品工程图为准 版本1.0

技术参数 Technical Data

标准 Standard	IEC61076-2-105
工作温度 Ambient Temperatur	-25°C~+85°C
绝缘电阻 Insulation Resistance	≥100MΩ
接触电阻 Contact Resistance	≤5mΩ
防护等级 IP Class	IP67
机械寿命 Mating Endurance	>100 Mating Cycles

材质说明 Material Data

胶芯材料 Connector Carriers	PA
接触端子 Connector Contacts	Copper Alloy With Gold Plated 铜镀金

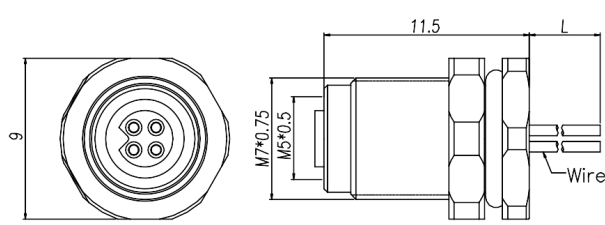
螺母/螺丝 Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
密封胶圈 Seal/O-Ring	FKM 氟橡胶
屏蔽 Shielding	UnShielded 非屏蔽

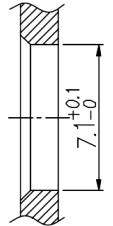
电气参数&机械参数 Electrical Data & Mechanical Data

Pin数 Contacts Pin	3Pins	4Pins
额定电流 Rated Current	1A	1A
电压 Voltage AC/DC	60V/60V	60V/60V
接线范围 Wire Range AWG/mm²	26/0.14	26/0.14

尺寸图

PCB开孔图





Panel cut-out 安装尺寸
M7X0.75
OD1: 7.1 $\pm$ 0.1 $\begin{smallmatrix} +0.1 \\ -0 \end{smallmatrix}$

规格选型表 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-XXX
04Pins	 A-Coding	1A	60V	60V	26	0.14	M05-A04-ST0-F02-BQ2-XXX

配套部件 Matching Parts



M5 公头成型式线缆，直头



M5 公头成型式线缆，弯头