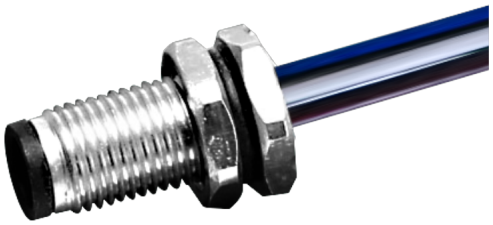
M5 公头面板式，焊接型，前锁安装，焊电子线

M5 圆形连接器

下载日期:2025-12-16



M05-A**-ST0-M02-BQ1-XXX

额定电流: 1A

额定电压: 60V

使用线径: 26AWG

RoHS IP67

目录仅供参考，实际规格依产品工程图为准 版本1.0

连接器系列 Connector Series: M5

类型 Gender	Male 公
编码 Coding	A
装配方式 Locking Type	Fix Screw 锁螺丝
安装类型 Mounting Type	Front Fastened 前锁
产品编码 Part No	M05-A**-ST0-M02-BQ1-XXX

技术参数 Technical Data

标准 Standard	IEC61076-2-105
工作温度 Ambient Temperatur	-25℃~+85℃
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

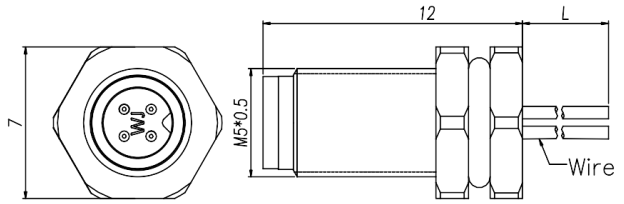
材质说明 Material Data

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
屏蔽 Shielding	Unshielded 非屏蔽
密封胶圈 Seal/O-Ring	FKM 氟橡胶

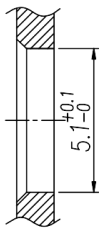
电气参数&机械参数 Electrical Data & Mechanical Date

Pin数 Contacts Pin [Pins]	3	4
额定电流 Rated Current [A]	1	1
电压 Voltage AC/DC [V]	60/60	60/60
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
M5X0.5
OD1: 5.1 $^{+0.1}_{-0}$