



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: Angled 弯头

Part No 产品编码：M05-A\*\*-RA0-F02-BC\*-XXX

A:A Coding(A扣)

\*\*：03, 04(Pin数)

RA0:0=Unshielded  
非屏蔽，2=Full Shield 全屏蔽，1=Ground 接地

BC\*: BCC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆

BC\*: BCR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆

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℃~+80℃          |
| 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 |

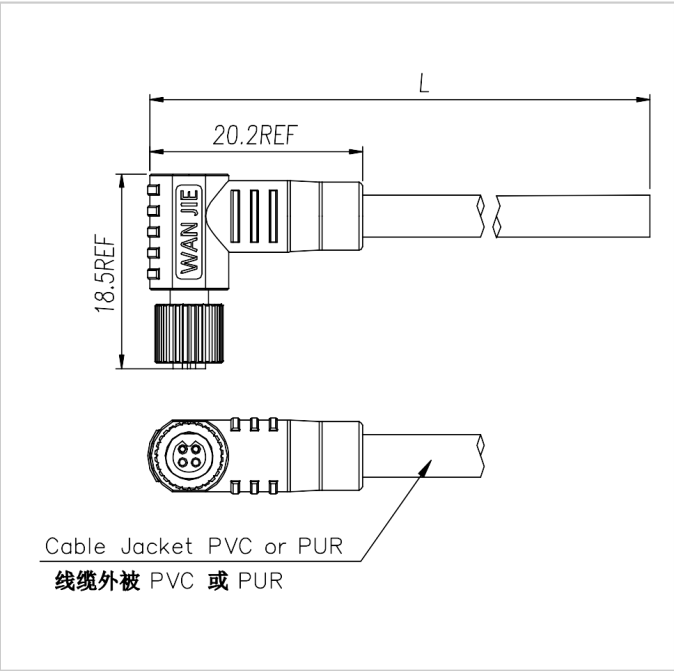
材质说明 Material Data

|                           |                                     |
|---------------------------|-------------------------------------|
| 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              | Shielded 屏蔽/Unshielded 非屏蔽          |
| 连接器外模 Connector Overmold  | TPU                                 |

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

|                         |         |         |
|-------------------------|---------|---------|
| 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 |
| 线缆外被 Cable Jacket       | PUR/PVC |         |

尺寸图



规格选型表 Specification Selection Table

| Contacts<br>Pin数 | Available Coding<br>防插错编码                                                                     | Rated Current<br>额定电流 | Voltage 电压 |     | Wire Range 接线范围 |      | Cable Jacket<br>线缆外被 | Part NO.产品编号            |
|------------------|-----------------------------------------------------------------------------------------------|-----------------------|------------|-----|-----------------|------|----------------------|-------------------------|
|                  |                                                                                               |                       | AC         | DC  | AWG             | mm²  |                      |                         |
| 03Pins           | <br>A-Coding | 1A                    | 60V        | 60V | 26              | 0.14 | PVC                  | M05-A03-RA*-F02-BCC-XXX |
|                  |                                                                                               |                       |            |     |                 |      | PUR                  | M05-A03-RA*-F02-BCR-XXX |
| 04Pins           | <br>A-Coding | 1A                    | 60V        | 60V | 26              | 0.14 | PVC                  | M05-A04-RA*-F02-BCC-XXX |
|                  |                                                                                               |                       |            |     |                 |      | PUR                  | M05-A04-RA*-F02-BCR-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



M5 公头面板式，焊接型，前锁安装，焊电子线



M5 公头面板式，焊接型，后锁安装，焊电子线



M5 公头面板式，焊接型，前锁安装



M5 公头面板式，焊接型，后锁安装



M5 公头面板式，焊接型，前锁安装



M5 公头面板式，PCB型，后锁安装