



Connector : M12  
Gender : Female  
Coding : A,B,D  
Locking Type : Fix Screw  
Mounting Type : Field Assemble  
Part No : M12-X\*\*-RA0-F04-PS\*  
X:A,B,D Coding  
\*\*:03,04,05...8 ( Pin )  
\*:1=Cable OD4.0~6.0MM  
\*:2=Cable OD6.0~8.0MM...

For reference only!version1.0

## Technical Data

|                       |                    |
|-----------------------|--------------------|
| Standard              | IEC61076           |
| Ambient Temperatur    | -25°C~+105°C       |
| Insulation Resistance | ≥100MΩ             |
| Contact Resistance    | ≤10mΩ              |
| IP Class              | IP67               |
| Mating Endurance      | >100 Mating Cycles |

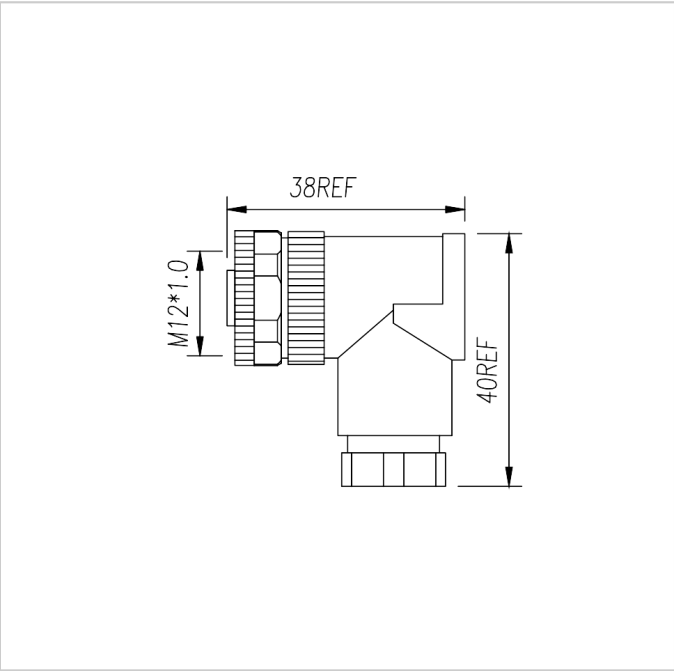
## Material Data

|                      |                                       |
|----------------------|---------------------------------------|
| Connector Carriers   | PA                                    |
| Connector Contacts   | Copper Alloy With Gold Plated 铜镀金     |
| Connector Nut/Screw  | Copper Alloy With Nickel Plated 铜合金镀镍 |
| Seal/O-Ring          | FKM 氟橡胶                               |
| Shielding            | UnShielded 非屏蔽                        |
| Contacts Termination | Terminal Locking Screw 锁螺钉连接          |

## Electrical Data & Mechanical Date

|                                |         |         |         |
|--------------------------------|---------|---------|---------|
| Contacts Pin                   | 3/4Pins | 5Pins   | 8Pins   |
| Rated Current                  | 4A      | 4A      | 2A      |
| Voltage AC/DC                  | 250V    | 60V     | 30V     |
| Wire Range AWG/mm <sup>2</sup> | 22/0.34 | 22/0.34 | 24/0.25 |

Dimensions



Specification Selection Table

| Contacts<br>Pin数 | Available Coding 防插错编码                                                              |                                                                                     |                                                                                     | Rated Current<br>额定电流 | Voltage 电压 |      | Wire Range 接线范围 |                 | Part NO. 产品编号                                                     |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|------------|------|-----------------|-----------------|-------------------------------------------------------------------|
|                  | A-Coding                                                                            | B-Coding                                                                            | D-Coding                                                                            |                       | AC         | DC   | AWG             | mm <sup>2</sup> |                                                                   |
| 03Pins           |  |  |                                                                                     | 4A                    | 250V       | 250V | 22              | 0.34            | M12-A03-RA0-F04-PS*<br>M12-B03-RA0-F04-PS*                        |
| 04Pins           |  |  |  | 4A                    | 250V       | 250V | 22              | 0.34            | M12-A04-RA0-F04-PS*<br>M12-B04-RA0-F04-PS*<br>M12-D04-RA0-F04-PS* |
| 05Pins           |  |  |                                                                                     | 4A                    | 60V        | 60V  | 22              | 0.34            | M12-A05-RA0-F04-PS*<br>M12-B05-RA0-F04-PS*                        |
| 08Pins           |  |                                                                                     |                                                                                     | 2A                    | 30V        | 30V  | 24              | 0.25            | M12-A08-RA0-F04-PS*                                               |