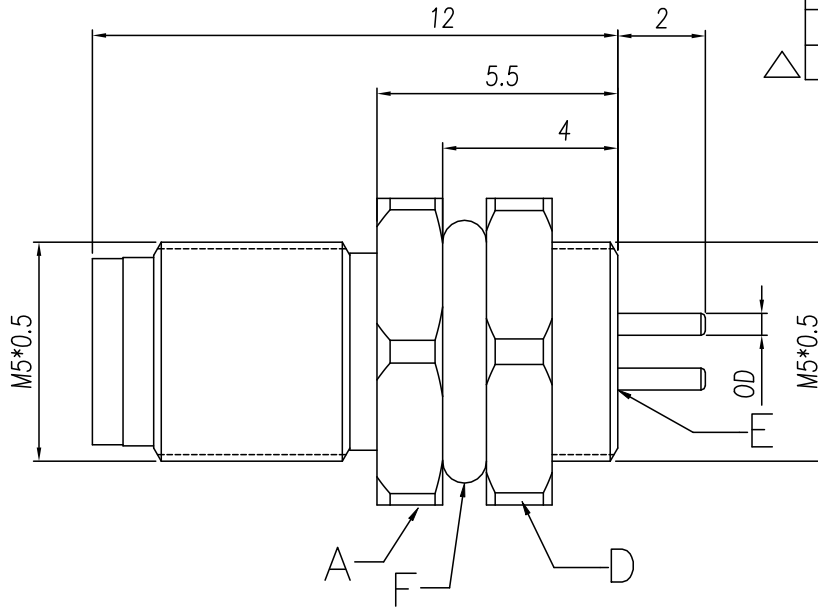
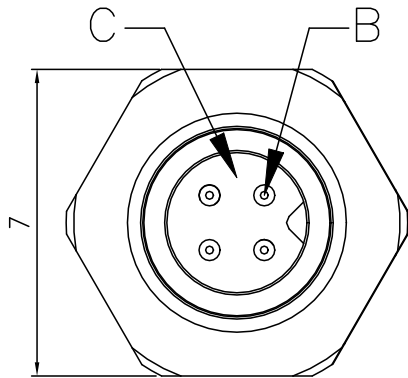


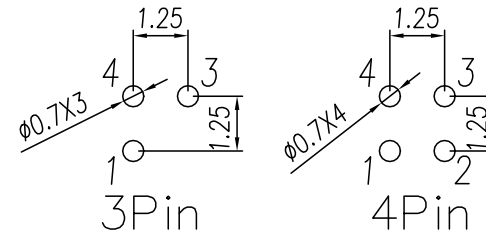


| REVISION RECORD |             |         |          |            |
|-----------------|-------------|---------|----------|------------|
| REV.            | DESCRIPTION | ECN No. | APPROVED | DATE       |
| V0              | --          | /       |          | 2021.06.25 |
| V1              | Add Notes   | /       |          | 2024.11.25 |

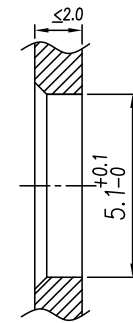
|                                   |                                |                                                                                     |  |
|-----------------------------------|--------------------------------|-------------------------------------------------------------------------------------|--|
| IEC 技术参数                          |                                | IEC61076-2-105                                                                      |  |
| IEC Technical Data                |                                |                                                                                     |  |
| 工作温度                              | Operating temperatur [°C]      | -25~+80                                                                             |  |
| 防护等级                              | IP Class (IN Locked condition) | IP67                                                                                |  |
| 额定电压                              | Rated Voltage [V]              | 60                                                                                  |  |
| 额定电流                              | Rated Current [A]              | 1                                                                                   |  |
| 导线截面积                             | Conductor cross section        |  |  |
| 硬质/柔性导线                           | Solid/ flexible [mm²]          |                                                                                     |  |
| 接线范围                              | Wire Range                     | PCB                                                                                 |  |
| 单/多芯线                             | Solid/Stranded [AWG]           |                                                                                     |  |
| 材 料                      Material |                                |                                                                                     |  |
| 绝缘材料                              | Insulation Material            | PA 66                                                                               |  |
| 阻燃等级                              | Imflammability                 | UL94V-0                                                                             |  |
| 导体材料                              | Contactur Material             | 铜合金 Copper alloy                                                                    |  |
| 导体镀层                              | Contactive Coating             | 镀金 Gold Plated                                                                      |  |
| 螺母/螺丝                             | Connector Nut/Screw            | Brass With Nickel<br>Plated铜镀镍                                                      |  |
| 符合RoHS环保要求                        |                                |                                                                                     |  |

|                       |                                                                                               |                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Contacts<br>Pin 数     | 3Pin                                                                                          | 4Pin                                                                                          |
| Coding 编码             | <br>A-Coding | <br>A-Coding |
| Rated Current<br>额定电流 | 1A                                                                                            | 1A                                                                                            |
| Rated Voltage<br>额定电压 | 60V                                                                                           | 60V                                                                                           |
| Pin Size 导体直径         | 0.5mm                                                                                         | 0.5mm                                                                                         |
| PART NO. 品名:          | M05-A03-ST0-M01-BH1                                                                           | M05-A04-ST0-M01-BH1                                                                           |
| Customized. 定制化:      | .....                                                                                         | .....                                                                                         |

△("E")Notes: Rotating torque:  
3.0 kgf/ cm(Max)



PCB Layout



Panel cut-out

|           |                    |            |                                       |            |           |
|-----------|--------------------|------------|---------------------------------------|------------|-----------|
| F         |                    | O—Ring     | O—Ring FKM Black                      | pcs        | 1         |
| E         |                    | Resin      | Black epoxy resin for sealing         | g          | 1         |
| D         |                    | Nut        | Nut:M5X0.5,Brass With Nickel Plated   | pcs        | 1         |
| C         |                    | Housing    | A—Coding Male,Black PA66              | pcs        | 1         |
| B         |                    | Terminal   | Male Terminal ,Brass With Gold Plated | pcs        | X         |
| A         |                    | Screw      | Screw M5X0.5,Brass With Nickel Plated | pcs        | 1         |
| 编号<br>No. | 料号<br>Materials.No | 品名<br>Name | 材 料 规 格<br>Description                | 单位<br>Unit | 用量<br>Qty |

|                                                                                                                                      |       |      |           |            |      |     |                                                      |              |                        |                                                                                       |      |
|--------------------------------------------------------------------------------------------------------------------------------------|-------|------|-----------|------------|------|-----|------------------------------------------------------|--------------|------------------------|---------------------------------------------------------------------------------------|------|
|  慈溪市万捷电子有限公司<br>CIXI WANJIE ELECTRONIC CO., LTD |       |      |           |            |      |     | PART NO.:(See Table)<br>M05- <u>AXX</u> -ST0-M01-BH1 |              |                        |                                                                                       |      |
| NO SPECIFIED TOLERANCE                                                                                                               |       |      | Cus' P/N: | Order No : |      | --- |                                                      | Drawing No.: | SP-02-M000XX           |                                                                                       |      |
| LINEAR                                                                                                                               | 0.5~6 | ±0.1 | DES.      | Jun        | DATE |     | UNITS                                                | mm           | THIRD ANGLE PROJECTION |  | PAGE |
|                                                                                                                                      | 6~30  | ±0.2 |           |            |      |     |                                                      |              |                        |                                                                                       |      |
|                                                                                                                                      | >30   | ±2%  | CHK.      |            | DATE |     | SIZE                                                 | A4           | 1 of 1                 |                                                                                       |      |
| ANGLES                                                                                                                               | ±1°   |      | APP.      |            | DATE |     | SCALE                                                | X:X          | 文件等级：外部公开              |                                                                                       |      |