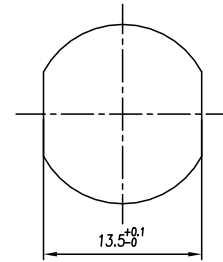
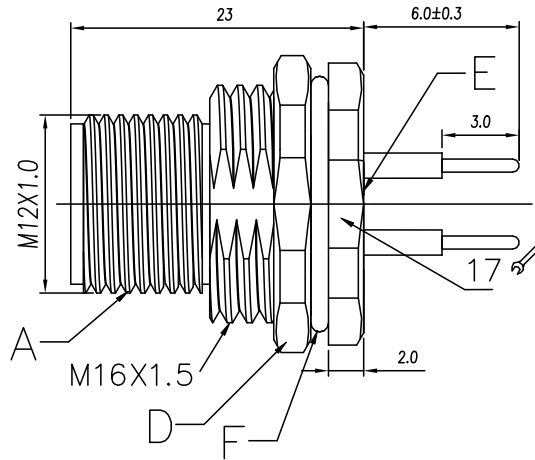
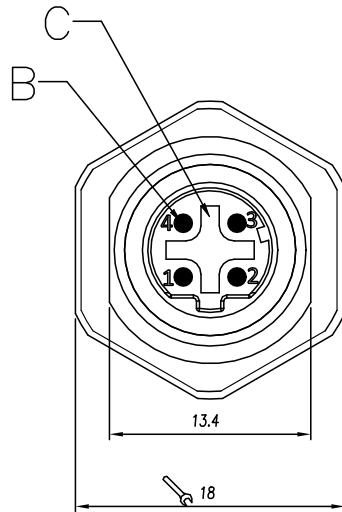
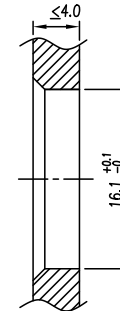


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Panel cut-out



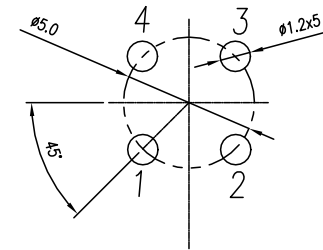
# REVISION RECORD

| REV. | DESCRIPTION | ECN No. | APPROVED | DATE       |
|------|-------------|---------|----------|------------|
| V0   | --          |         |          | 2022.06.20 |

|                                   |                                |                                                                                     |  |
|-----------------------------------|--------------------------------|-------------------------------------------------------------------------------------|--|
| IEC 技术参数<br>IEC Technical Data    |                                | IEC61076-2-101                                                                      |  |
| 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]              | 250                                                                                 |  |
| 额定电流                              | Rated Current [A]              | 4                                                                                   |  |
| 导线截面积                             | Conductor cross section        |  |  |
| 硬质/柔性导线                           | Solid/ flexible [mm²]          |                                                                                     |  |
| 接线范围                              | Wire Range                     |  |  |
| 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                              | Contact 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     | 4Pin                |
| D-Coding              |                     |
| Rated Current<br>额定电流 | 4A                  |
| Rated Voltage<br>额定电压 | 250V                |
| Pin Size导体直径          | 1.0mm               |
| PART NO.品名:           | M12-D04-ST0-M01-BQ1 |

## PCB Layout:



|           |                    |            |                                         |            |           |
|-----------|--------------------|------------|-----------------------------------------|------------|-----------|
| F         |                    | O-Ring     | O-Ring FKM Black                        | pcs        | 1         |
| E         |                    | Resin      | Black epoxy resin for sealing           | g          | 2         |
| D         |                    | Nut        | Nut:Brass With Nickel Plated            | pcs        | 1         |
| C         |                    | Housing    | D-Coding Male,Black PA66                | pcs        | 1         |
| B         |                    | Terminal   | Male Terminal ,Brass With Gold Plated   | pcs        | X         |
| A         |                    | Screw      | Screw M12 X1.0,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 |

|                        |       |      |                                                                                                                                      |     |      |            |       |     |                                  |  |                                                                                       |
|------------------------|-------|------|--------------------------------------------------------------------------------------------------------------------------------------|-----|------|------------|-------|-----|----------------------------------|--|---------------------------------------------------------------------------------------|
| NO SPECIFIED TOLERANCE |       |      | DES.                                                                                                                                 | PTQ | DATE | 2022.06.20 | UNITS | mm  | TYPE: CUSTOMER DRAWING           |  |  |
| LINEAR                 | 0.5~6 | ±0.1 | CHK.                                                                                                                                 |     | DATE |            | SIZE  | A4  | Drawing No.: SP-02-MXXXXX        |  | SHEET 1 of 1                                                                          |
|                        | 6~30  | ±0.2 | APP.                                                                                                                                 |     | DATE |            | SCALE | 1:1 | Order No:                        |  | REV V0                                                                                |
|                        | >30   | ±2%  |  慈溪市万捷电子有限公司<br>CIXI WANJIE ELECTRONIC CO., LTD |     |      |            |       |     | PART NO.:<br>M12-D04-ST0-M01-BQ1 |  |                                                                                       |
| ANGLES                 |       | ±1°  |                                                                                                                                      |     |      |            |       |     |                                  |  |                                                                                       |