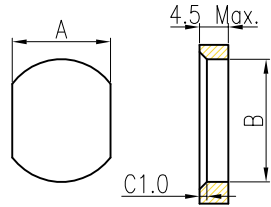
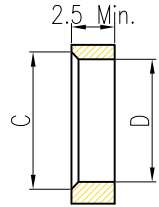
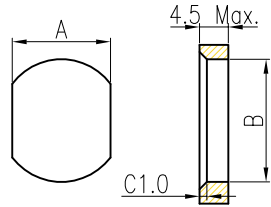
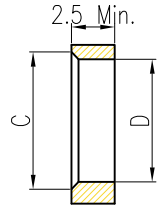
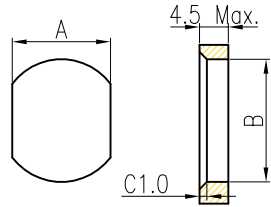
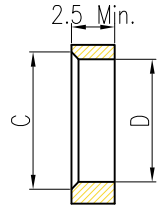


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|------------------------------------|-------------------------------|------------------------------------|-------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------|---------|-----------|----------------|---------------------|----------------|
| 1                                  | 2                             | 3                                  | 4                                                                                   | 5                | 6                                                                                   | 7       | 8         | 9              | 10                  | 11             |
| H<br>CONNECTOR PARAMETERS<br>连接器参数 |                               |                                    | 版本<br>Rev.                                                                          | ECN编号<br>ECN No. | 修改说明<br>Reversion Description                                                       |         |           | 设计<br>Designed | 审核<br>Checked       | 核准<br>Approved |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                |                     |                |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                |                     |                |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                |                     |                |
| G<br>F<br>E<br>D<br>C<br>B<br>A    | CONNECTOR TYPE<br>连接器类型       |                                    | M12 B-CODE                                                                          |                  |                                                                                     |         |           |                |                     |                |
|                                    | CORE NUMBER<br>芯数             |                                    | 3/4/5                                                                               |                  |                                                                                     |         |           |                |                     |                |
|                                    | RATED VOLTAGE<br>额定电压         |                                    | 250/250/60 V                                                                        |                  |                                                                                     |         |           |                |                     |                |
|                                    | RATED CURRENT (40℃)<br>额定电流   |                                    | 4 A (40℃)                                                                           |                  |                                                                                     |         |           |                |                     |                |
|                                    | WITHSTAND VOLTAGE<br>耐电压      |                                    | 1.4/1.4/1.0 kV (R. M. S)                                                            |                  |                                                                                     |         |           |                |                     |                |
|                                    | INSULATION RESISTANCE<br>绝缘强度 |                                    | ≥500MΩ                                                                              |                  |                                                                                     |         |           |                |                     |                |
|                                    | CONTACT MATERIAL<br>接触件材质     |                                    | COPPER ALLOY<br>铜合金                                                                 |                  |                                                                                     |         |           |                |                     |                |
|                                    | TERMINAL TYPE<br>端接类型         |                                    | SOLDERING<br>焊接型                                                                    |                  |                                                                                     |         |           |                |                     |                |
|                                    | SHELL MATERIAL<br>外壳材质        |                                    | ZINC CASTING 铸锌<br>or COPPER ALLOY 铜合金                                              |                  |                                                                                     |         |           |                |                     |                |
|                                    | INSERTS MATERIAL<br>插体材质      |                                    | PA66+GF                                                                             |                  |                                                                                     |         |           |                |                     |                |
|                                    | OPERATING TEMPERATURE<br>工作温度 |                                    | -40℃~+85℃                                                                           |                  |                                                                                     |         |           |                |                     |                |
|                                    | IP DEGREE<br>IP 等级            |                                    | IP67                                                                                |                  |                                                                                     |         |           |                |                     |                |
|                                    | WIRE GAUGE RANGE<br>线芯范围      |                                    | 0.14~0.75mm²                                                                        |                  |                                                                                     |         |           |                |                     |                |
|                                    | FLAMMABILITY<br>阻燃性           |                                    | UL 94-V0                                                                            |                  |                                                                                     |         |           |                |                     |                |
| MECHANICAL OPERATION<br>机械寿命循环     |                               | ≥100 cycles                        |                                                                                     |                  |                                                                                     |         |           |                |                     |                |
| 面板安装尺寸<br>Panel Cut-out            |                               |                                    | 通孔安装<br>With bare hole                                                              |                  | 螺纹安装<br>With thread to screw in                                                     |         |           |                |                     |                |
|                                    |                               |                                    |  |                  |  |         |           |                |                     |                |
|                                    |                               |                                    |  |                  |  |         |           |                |                     |                |
|                                    |                               |                                    |  |                  |  |         |           |                |                     |                |
| PG9                                |                               | A                                  | B                                                                                   | C                | D                                                                                   | PG9     |           |                |                     |                |
| M16×1.5                            |                               | Ø13.5 <sup>+0.1</sup> <sub>0</sub> | Ø15.3 <sup>+0.1</sup> <sub>0</sub>                                                  | Ø16.2            | Ø17.0                                                                               | M16×1.5 |           |                |                     |                |
| M16×1.5                            |                               | Ø13.6 <sup>+0.1</sup> <sub>0</sub> | Ø16.1 <sup>+0.1</sup> <sub>0</sub>                                                  | Ø17.0            | M16×1.5                                                                             | M16×1.5 |           |                |                     |                |
| 孔位示意图<br>HOLES ARRANGEMENT         |                               |                                    | 1                                                                                   |                  | 1                                                                                   |         | 1         |                | 1                   |                |
|                                    |                               |                                    | 4                                                                                   |                  | 4                                                                                   |         | 4         |                | 4                   |                |
|                                    |                               |                                    | 3                                                                                   |                  | 3                                                                                   |         | 3         |                | 3                   |                |
|                                    |                               |                                    | 2                                                                                   |                  | 2                                                                                   |         | 2         |                | 2                   |                |
| 灌密封胶灌封至<br>此端面                     |                               |                                    | 8.3                                                                                 |                  | 3.0                                                                                 |         | 2.5       |                | 11.6                |                |
|                                    |                               |                                    | M16×1.5/PG9                                                                         |                  | SW17/18.0                                                                           |         | SW18/19.0 |                | M12×1.0             |                |
|                                    |                               |                                    | 13.30                                                                               |                  | 13.30                                                                               |         | 13.30     |                | 13.30               |                |
|                                    |                               |                                    | 13.30                                                                               |                  | 13.30                                                                               |         | 13.30     |                | 13.30               |                |
| 自由公差<br>Free Tolerances            |                               |                                    | 第三视角<br>3RD-Projection                                                              |                  | 单位<br>Unit                                                                          |         | mm        |                | 名称<br>Name          |                |
|                                    |                               |                                    | 核准<br>Approved                                                                      |                  |                                                                                     |         |           |                | M12B 3/4/5芯前装焊杯型母插座 |                |
|                                    |                               |                                    | 审核<br>Checked                                                                       |                  |                                                                                     |         |           |                | 型号<br>Designation   |                |
|                                    |                               |                                    | 工艺<br>Craft                                                                         |                  |                                                                                     |         |           |                | 图号<br>Figure No.    |                |
| 角度<br>Angle                        |                               |                                    | 标称<br>Standardized                                                                  |                  |                                                                                     |         |           |                | 图面规格<br>Size        |                |
|                                    |                               |                                    | 设计<br>Designed                                                                      |                  |                                                                                     |         |           |                | 页码<br>Sheet         |                |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                | A4                  |                |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                | 比例<br>Scale         |                |
| 重量<br>Weight                       |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                | XXg                 |                |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                | 材料<br>Material      |                |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                | 版本<br>Rev.          |                |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                | X1                  |                |
| 厦门固迈电气有限公司                         |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                |                     |                |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                |                     |                |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                |                     |                |
|                                    |                               |                                    |                                                                                     |                  |                                                                                     |         |           |                |                     |                |