



技术参数:

插芯:

- 插针数: 12+PE
- 额定电流: 10A
- 额定电压: 400V
- 额定脉冲电压: 6kV
- 污染等级: 3
- 依据UL/CSA的额定电压: 600V
- 绝缘阻抗: $\geq 10^{10}\Omega$
- 材料: 聚碳酸酯
- 颜色: RAL 7032 (浅灰色)
- 温度范围: $-40^{\circ}\text{C} - +125^{\circ}\text{C}$
- 依据UL 94的阻燃等级: V0
- 可插拔次数: >500

插针:

- 接线方式: 冷压连接
- 材料: 铜合金
- 表面处理:
 - 镀银
 - 镀金
- 接触电阻: $<3\text{m}\Omega$
- 线径范围:
 - 冷压连接: $0.14-2.5\text{mm}^2(26-14\text{ AWG})$
 - PE连接: $0.5-2.5\text{mm}^2(20-14\text{ AWG})$
- 工具:
 - 冷压钳: TL02G
 - 退针器: TL00

外壳:

- 材料:
 - 塑料外壳: 聚碳酸酯
 - 金属外壳: 压铸锌
- 依据UL 94的阻燃等级:
 - 塑料外壳: V0
 - 防护等级, 联锁状态, IEC 60529:
 - 塑料外壳: IP67
 - 金属外壳: IP44
- IP67(实现螺栓密封)

Technical specification:

Insters:

- No. of contact: 12+PE
- Rated current: 10A
- Rated voltage: 400V
- Rated impulse voltage: 6kV
- Pollution degree: 3
- Rated voltage acc.to UL/CSA: 600V
- Insulation resistance: $\geq 10^{10}\Omega$
- Material: polycarbonate
- Colour: RAL 7032(light grey)
- Temperature range: $-40^{\circ}\text{C} - +125^{\circ}\text{C}$
- Flammability acc.to UL 94: V0
- Mating cycles: >500

Contacts:

- Terminal: crimp terminal
- Material: copper alloy
- Surface:
 - Hard-silver plated
 - Hard-gold plated
- Contact resistance: $<3\text{m}\Omega$
- Wire gauge:
 - Crimp terminal: $0.14-2.5\text{mm}^2(26-14\text{ AWG})$
 - PE contact: $0.5-2.5\text{mm}^2(20-14\text{ AWG})$
- Tools:
 - Crimp contact tool: TL02G
 - Contact removal tool: TL00

Hoods/Housings:

- Material:
 - Plastic hoods/housings: polycarbonate
 - Metal hoods/housings: zinc die-cast
- Flammability acc.to UL 94: V0
- Degree of protection, acc.to IEC 60529 for coupled connector:
 - Plastic hoods/housings: IP67
 - Metal hoods/housings: IP44
- IP67(is achieved with seal screw)

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|---------------|--------------|------------------|----------------|---------|-----------------|---|------------|--------------|-------------------|---|
| | | | | | 表面处理 Finish | - | | | 图号 Drawing No. | - |
| | | | | | 材料 Material | - | | | 产品代号 Part Code | HQ-012/0-MC |
| 标记 Mark | 处数 Number | 变更描述/Description | | | 签名 Signature | 日期 Date | | | | 产品料号 Part No. |
| | 姓名/Name | 日期/Date | | 姓名/Name | 日期/Date | 比例 Scale | 版本 REV. | 重量 Weight | 数量 Qty. | 产品名称 Part Name |
| 绘图 Drawn | | | 标准化 Stand. | - | - | 1:1 | V1.0 | 12.3g | - | - |
| 审核 Checked | | | | | | All Dimensions in mm Original Size DIN A 4 | | | |  沈阳思沐源科技有限公司 Shenyang Simuyuan Technology Co., Ltd. |
| 工艺 Process | - | - | 批准 Approved | | | | | | | |