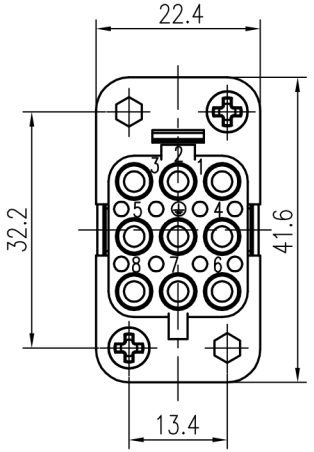
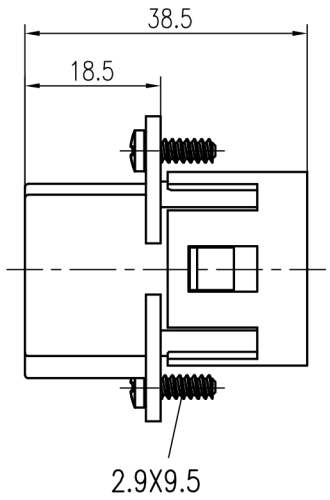
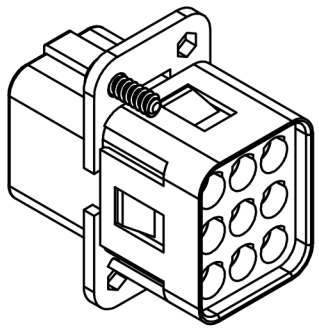
# HQ-008/0-FC



**技术参数:**

**插芯:**
- 插针数: 8+PE
- 额定电流: 16A
- 额定电压: 500V
- 额定脉冲电压: 6kV
- 污染等级: 3
- 安装金属外壳时: 16A 230/400V 4kV 3
- 依据UL/CSA的额定电压: 600V
- 绝缘阻抗: ≥$10^{10}\Omega$
- 材料: 聚碳酸酯
- 颜色: RAL 7032 (浅灰色)
- 温度范围: -40℃ - +125℃
- 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: ≤1mΩ
- 线径范围:
  - 冷压连接: 0.14-4$mm^2$(26-12 AWG)
    部分装备情况下可达到4$mm^2$
- 附件:
  - 保险延迟针:
    CESM-1.0R/CESM-1.5R/CESM-2.5R
  - 冷压钳:
    TL02G(0.5-4$mm^2$)
    TL02(0.14-0.37$mm^2$)
  - 退针器: TL01
  - 编码元件: CODE-E

**Technical specification:**

**Insters:**
- No. of contact: 8+PE
- Rated current: 16A
- Rated voltage: 500V
- Rated impulse voltage: 6kV
- Pollution degree: 3
- Mounted metal hood: 16A 230/400V 4kV 3
- Rated voltage acc.to UL/CSA: 600V
- Insulation resistance: ≥$10^{10}\Omega$
- Material: polycarbonate
- Colour: RAL 7032(light grey)
- Temperature range: -40℃ - +125℃
- 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: ≤1mΩ
- Wire gauge:
  - Crimp terminal: 0.14-4$mm^2$(26-12 AWG)
    partly loaded up to 4$mm^2$ is possible
- Accessories:
  - Relay contacts:
    CESM-1.0R/CESM-1.5R/CESM-2.5R
  - Crimping tool:
    TL02G(0.5-4$mm^2$)
    TL02(0.14-0.37$mm^2$)
  - Contact removal tool: TL01
  - Coding element: CODE-E

| 未注公差所依标准/Standard of tolerance | | | | | |
|---|---|---|---|---|---|
| 公差等级 Tolerance lever | 基本线性尺寸分段/Basic linear size segmentation | | | | |
| | 0.5~3 | >3~6 | >6~30 | >30~120 | >120~400 |
| 中等m | ±0.1 | ±0.1 | ±0.2 | ±0.3 | ±0.5 |
| 公差等级 Tolerance lever | 基本倒角尺寸分段/Basic chamfer size segmentation | | | | |
| | 0.5~3 | >3~6 | >6~30 | >30 | |
| 中等m | ±0.2 | ±0.5 | ±1 | ±2 | |
| 公差等级 Tolerance lever | 基本角度尺寸分段/Basic angular dimension segmentation | | | | |
| | ~10 | >10~50 | >50~120 | >120~400 | |
| 中等m | ±1° | ±30′ | ±20′ | ±10′ | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 表面处理 Finish | | | | 图号 Drawing NO. | |
| | | | | 材料 material | | PC+玻纤 | | 产品型号 Part Trpe | HQ-008/0-FC |
| 标记 Mark | 变更描述/Description | 签名 Signature | 日期 Date | 比例 Scale | 版本 REV | 重量 Weight | 数量 Qty. | 产品料号 Part NO. | |
| | 姓名/Name | 日期/Data | | 1:2 | A0 | | | 产品名称 Part Name | HQ-008/0-FC |
| 绘图 Drawn | Sunmengqing | 2024/11/21 | | | | | | | |
| 审核 Checked | Hongshuhao | 2024/11/21 | | | | All Dimensions in mm Original Size DIN A4 | | WEVEL 苏州威弗电气 SUZHOU WEVEL ELECTRICAL CO.,LTD | |
| 批准 Approved | | | | | | | | | |

| 档案员 |
|---|
| 日期 |