



技术参数:

- 插芯:
- 插针数: 4/2+PE
 - 额定电流:
 - 电力区: 40A
 - 信号区: 10A
 - 额定电压:
 - 电力区:
 - 400V (相对地额定电压)
 - 690V (相间额定电压)
 - 信号区: 250V
 - 额定脉冲电压:
 - 电力区: 6kV
 - 信号区: 4kV
 - 污染等级: 3
 - 依据UL/CSA的额定电压: 600/250V
 - 绝缘阻抗: $>10^{10}\Omega$
 - 材料: 聚碳酸酯
 - 颜色: RAL 7032 (浅灰色)
 - 温度范围: $-40^{\circ}\text{C} - +125^{\circ}\text{C}$
 - 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: $<0.3\text{m}\Omega$
 - 线径范围:
 - 强电针: $1.5-6\text{mm}^2(16-10\text{ AWG})$
 - 信号针: $0.14-2.5\text{mm}^2(26-14\text{ AWG})$
 - 最大绝缘直径:
 - 强电针: 5mm
- 塑料外壳:
- 材料: 热塑性塑料
 - 锁紧元件: 聚酰胺 (尼龙)
 - 外壳密封: 丁腈橡胶
 - 温度范围: $-40^{\circ}\text{C} - +125^{\circ}\text{C}$
 - 依据UL 94的阻燃等级: V0
 - 防护等级: IP65 (锁紧状态, IEC 60529)
 - 工具:
 - 冷压钳:
 - TL02G(0.5-4mm²)
 - TL02-0G(1.5-6mm²)
 - 退针器:
 - TL00 (10A退针器)
 - TL06G (40A退针器)

Technical specification:

- Inserts:
- No. of contact: 4/2+PE
 - Rated current:
 - Power side: 40A
 - Signal side: 10A
 - Rated voltage:
 - Power side:
 - 400V(rated voltage conductor - ground)
 - 690V(rated voltage conductor - conductor)
 - Signal side: 250V
 - Rated impulse voltage:
 - Power side: 6kV
 - Signal side: 4kV
 - Pollution degree: 3
 - Rated voltage acc.to UL/CSA: 600/250V
 - Insulation resistance: $>10^{10}\Omega$
 - 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: $<0.3\text{m}\Omega$
 - Wire gauge:
 - Power contacts: $1.5-6\text{mm}^2(16-10\text{ AWG})$
 - Signal contacts: $0.14-2.5\text{mm}^2(26-14\text{ AWG})$
 - Max. insulation diameter: 5mm
- Plastic hoods/housings:
- Material: thermoplastic
 - Locking element: polyamide
 - Hoods/Housings seal: NBR
 - Temperature range: $-40^{\circ}\text{C} - +125^{\circ}\text{C}$
 - Flammability acc.to UL 94: V0
 - Degree of protection: IP65 (acc.to IEC 60529 for coupled connector)
 - Tools:
 - Crimping tool:
 - TL02G(0.5-4mm²)
 - TL02-0G(1.5-6mm²)
 - Contact removal tool:
 - TL00(for crimp contacts 10A)
 - TL06G(for crimp contacts 40A)

						表面处理 Finish		-		
						材料 Material		-		
标记 Mark	处数 Number	变更描述/Description		签名 Signature	日期 Date	比例 Scale		版本 REV.	重量 Weight	数量 Qty.
		姓名/Name	日期/Date	姓名/Name	日期/Date	1:1	V1.0	11.4g	-	
绘图 Drawn				标准化 Stand.	-					
审核 Checked										
工艺 Process	-	-		批准 Approved		All Dimensions in mm Original Size DIN A 4				

图号 Drawing No.	-
产品代号 Part Code	HQ-004/2-FC
产品料号 Part No.	
产品名称 Part Name	
 沈阳思沐源科技有限公司 Shenyang Simuyuan Technology Co., Ltd	