



- 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: 1.5-6mm²(16-10 AWG)
 - 信号针: 0.14-2.5mm²(26-14 AWG)
 - 最大绝缘直径:
 - 强电针: 5mm
 - 塑料外壳:
 - 材料: 热塑性塑料
 - 联锁元件: 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 (联锁状态, 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:
- Insters:
- 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: 1.5-6mm²(16-10 AWG)
 - Signal contacts: 0.14-2.5mm²(26-14 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		-		图号 Drawing No.		-		
								材料 Material		-		产品代号 Part Code		HQ-004/2-MC		
标记 Mark	处数 Number	变更描述/Description			签名 Signature	日期 Date							产品料号 Part No.		1300060100001	
	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	BQ LUO	18.10.2010	标准化 Stand.	-	-	1:1	V1.0	12.5g	-							
审核 Checked	P RAO	18.10.2010														
工艺 Process	-	-	批准 Approved	YY LIN	18.10.2010					All Dimensions in mm Original Size DIN A 4		厦门唯恩电气有限公司 XIAMEN WAIN ELECTRICAL CO.LTD				