

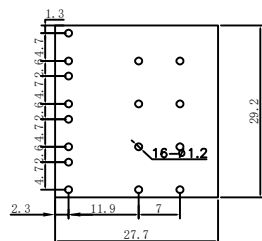
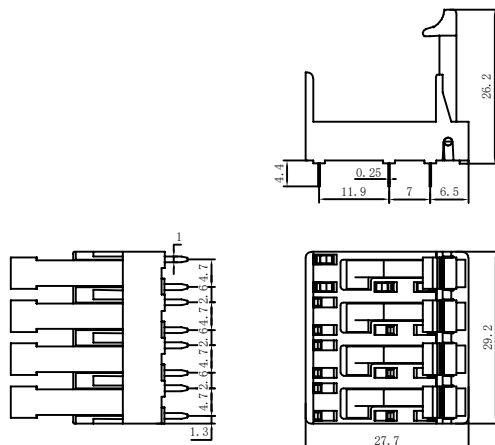
Product Specification Sheet

制图

审核

批准

P
C PCB
B Plate
板 hole
孔 diagram
位
图



变更说明 Change description	更改人 Change person	更改日期 change date	备注 remarks
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性能参数 (表 2.1)	
Performance parameters (Table 2.1)	
安装方式 Installation method	PCB板焊接 PCB board soldering
外观材料 Appearance material	底座 base
	挂钩 hook
	接触片 Contact piece
	PA6 (RoHS) +GF20% V0级阻燃 PA6 (RoHS)+GF20% V0 flame retardant
插拔力 Insertion and extraction force	高精磷铜带，厚0.25mm, 表面镀锡铜 high precision phosphorus copper strip, 0.25mm thick, surface plated with copper and tin
插拔次数 Number of insertions and removals	与继电器之间：首次插入力 $\geq 10N$ ， $\leq 40N$ ；首次拔出力 $\geq 10N$ ， $\leq 40N$ ； 插座和继电器：首次插入力 $\geq 10N$ ， $\leq 40N$ ；首次拔出力 $\geq 10N$ ， $\leq 40N$ ； ≥ 10000 次（插座与继电器之间的插拔次数） ≥ 10000 times (the number of insertions and removals between sockets and relays)
工作环境温度 Working environment temperature	-40℃~+80℃，非真空状态、不结冰情况下 -40℃~+80℃, under non vacuum and non icing conditions
工作环境湿度 Working environment humidity	35%~85%RH
贮存环境温度 Storage environment temperature	包装完好情况下，-40℃~+55℃ Under intact packaging, -40℃ to +55℃
贮存环境湿度 Storage environment humidity	包装完好情况下，45%~90%RH When the packaging is intact, 45-90% RH
额定参数 Rated parameters	5A 250VAC
接触电阻 contact resistance	$\leq 100m\Omega$
绝缘电阻 Insulation resistance	$\geq 1000M\Omega$ (500VDC)
抗电强度 (工频耐压) Insulation resistance (50Hz withstand voltage)	相邻端子之间：2000VAC, 50Hz, 1min(漏电流1mA) Between adjacent terminals: 2000VAC, 50Hz, 1min (leakage current 1mA)

性能参数 (表 2.2)	
Performance parameters (Table 2.2)	
耐振性 Vibration resistance	XYZ 三向, 60Hz, 振幅 2mm, 10 小时 (每 2 小时观察记录) XYZ three-way, 60Hz, amplitude 2mm, 10 hours (observe and record every 2 hours)
产品防跌落 Product drop fall	底座垂直跌落 1 米, 3 次, 能正常工作 The base has dropped vertically by 1 meter for 3 times and can work normally
包装跌落 Packaging falling	600mm 连续跌落 4 次, 产品无损坏 4 consecutive drops from a height of 600mm without any damage to the product
耐冲击性 Impact resistance	各部位能受冲击力 10J, 能正常工作 All parts can withstand an impact force of 10J and work normally
温升试验 Temperature rise test	按 GB/T 14048.5 标准中 8.3.3 条款 (恒温 25℃, 持续通电 60min, 所有触点满载 1 个小时时测试范围内, 前后温差不超过 5℃) According to clause 8.3.3 of the GB/T 14048.5 standard, at a constant temperature of 25 °C, continuous power on for 60 minutes, all contacts are fully loaded, and the temperature difference before and after the 1-hour test interval does not exceed 5°C
低温试验 Low-temperature test	-40℃, 96h, 接触电阻 ≤200mΩ -40 °C, 96 hours, contact resistance ≤ 200m Ω
高温试验 High-temperature test	80℃, 96h, 接触电阻 ≤200mΩ 80 °C, 96 hours, contact resistance ≤ 200m Ω
高低温冲击试验 High-temperature and low-temperature impact test	-40 ~ +85℃, 85%RH, 40min/循环, 50 个循环, 接触电阻 ≤200mΩ -40 ~ 85 °C, 85% RH, 40 min/cycle, 50 cycles, contact resistance ≤ 200m Ω
图纸未注一般公差 Unclear tolerance	按 GB/T 1804— 标准执行 Execute according to the GB/T 1804— standard



所有尺寸均以mm为单位 不能从图纸上测出尺寸	比例 图例 或符号	1:1 M4 1/4
