

产品规格书

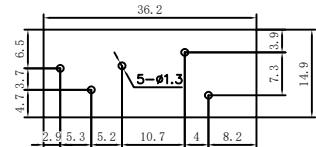
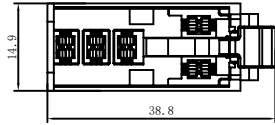
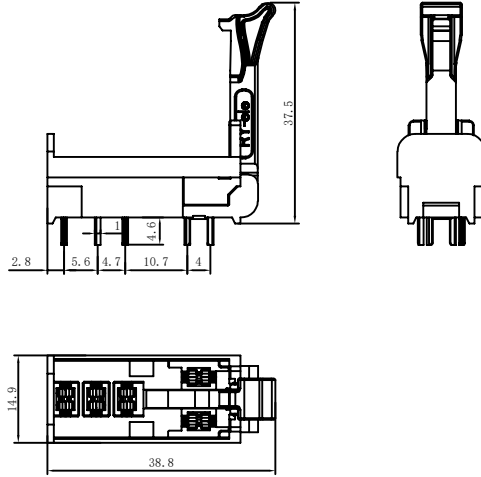
Product Specification Sheet

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 Appearance	底座 base
	PA6+30%GF (RoHS), V0级阻燃 PA6-30% of (RoHS), V0 level flame retardant
材料 Material	挂钩 hook
	PA66+GF40% (RoHS)
接触片 Contact piece	高磷铜带, 厚0.3mm, 表面镀铜锡 High phosphorus phosphorus copper strip, 0.3mm thick, surface plated with copper and tin
	插座与继电器间: 首次插入力≥20N, ≤40N; 首次拔出力≥20N, ≤45N Between socket and relay: initial insertion force ≥ 20N, ≤ 40N; First extraction force ≥ 20N, ≤ 45N
插拔力 Insertion and extraction force	≥1000次(插座与继电器之间的插拔次数) ≥ 1000 times (number of insertions and removals between sockets and relays)
插拔次数 Number of insertions and removals	≥ 1000 times (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	12A 250VAC
接触电阻 Contact resistance	≤100mΩ
绝缘电阻 Insulation resistance	≥1000MΩ (500VDC)
抗电强度 (工频耐压) Withstand strength (power frequency 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 anti 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高度连续跌落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	各部位能承受冲击力10g, 能正常工作 Each part can withstand an impact force of 10g and work normally
温升试验 Temperature rise test	按GB/T14048.5标准中8.3.3.3条款(恒温25℃, 持续通电60min, 所有触点满载, 1个小时测试间隔内, 前后温差不超过55K) According to clause 8.3.3.3 of GB/T14048.5 standard (constant temperature of 25℃, 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 55K)
低温试验 Low temperature test	-40℃, 96h, 接触电阻≤200mΩ -40℃, 96 hours, contact resistance ≤ 200mΩ
高温试验 High temperature test	80℃, 96h, 接触电阻≤200mΩ 80℃, 96 hours, contact resistance ≤ 200mΩ
高低温冲击试验 High and low temperature impact test	-40℃~+85℃, 85%RH, 40min/循环, 50个循环, 接触电阻≤200mΩ -40℃~+85℃, 85% RH, 40min/cycle, 50 cycles, contact resistance ≤ 200mΩ
图纸未注一般公差 The drawing does not indicate general tolerances	按GB/T 1804-m 标准执行 Execute according to GB/T 1804-m standard



所有尺寸均以mm为单位 不能从图纸上测给尺寸 All dimensions are in mm and cannot be measured from the drawing 比例 1:1 图幅 A4 页码 1/1		RY-ELE® 浙江荣越电气有限公司 Zhejiang Rongyue Electric Co., Ltd	
产品名称 Product Name		继电器底座 Relay base	
产品型号 Product drawing number		1S-61-S	