

产品规格书

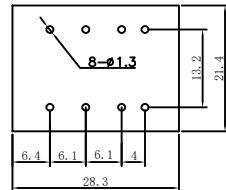
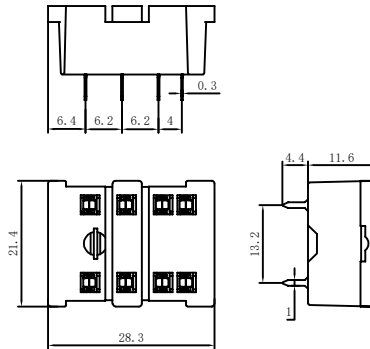
Product Specification Sheet

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)

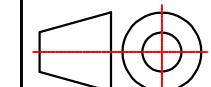
安装方式 Installation method	PCB板焊接 PCB board soldering
外观材料 Appearance material	底座 Base PA6 (RoHS) +GF20% VO级阻燃 PA6 (RoHS)+GF20% VO flame retardant 接触片 Contact piece 高精磷铜带, 厚0.3mm, 表面镀铜锡 High precision phosphor copper strip, 0.3mm thick, surface plated with copper and tin
插拔力 Insertion and extraction force	插座与继电器间: 首次插入力 $\geq 25N$, $\leq 75N$; 首次拔出力 $\geq 25N$, $\leq 80N$ 插座与继电器之间: 首次插入力 $\geq 25N$, $\leq 75N$; 首次拔出力 $\geq 25N$, $\leq 80N$
插拔次数 Number of insertions and removals	≥ 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)
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	10A 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) Dielectric 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, 所有触点满负载, 1个小时测试间隔内, 前后温差不得超过5K) 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 5K)
低温试验 Low temperature test	-40℃, 96h, 接触电阻 $\leq 200m\Omega$ -40℃, 96 hours, contact resistance $\leq 200m\Omega$
高温试验 High temperature test	80℃, 96h, 接触电阻 $\leq 200m\Omega$ 80℃, 96 hours, contact resistance $\leq 200m\Omega$
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 $\leq 200m\Omega$ -40~+85℃, 85% RH, 40min/cycle, 50 cycles, contact resistance $\leq 200m\Omega$
图纸未注一般公差 The drawing does not indicate general tolerance	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
Do not measure dimensions from drawings

比例
图幅
页码
1:1
A4
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
18F-2Z-A1