

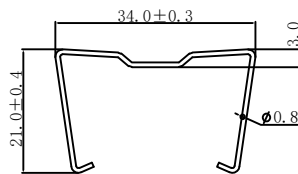
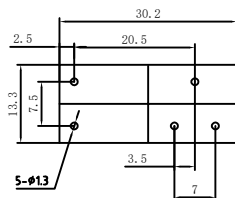
Product Specification Sheet

制图

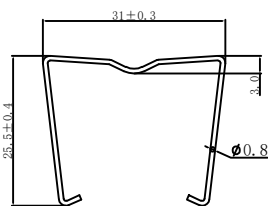
审核

批准

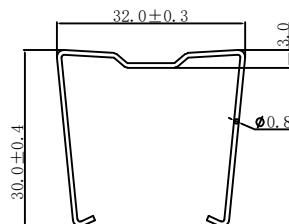
P
C PCB
B Plate
板 hole
孔 diagram
位
图



产品型号: RY-15G



产品型号: RY-20G



产品型号: RY-25G

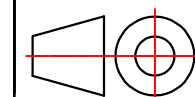
变更说明 Change description	更改人 Change person	更改日期 change date	备注 remarks
/	/	/	/
/	/	/	/

性能参数 (表2.1)		
Performance parameters (Table 2.1)		
安装方式 Installation method		PCB
外观材料 Appearance material	夹式复合器材料 Material of clip chasis 接触片 Contact piece	PBT (RoHS), V1 级阻燃 PBT (RoHS), V1 level flame retardant 阻燃PA66+玻璃纤维 (V1/V0) Flame Retardant PA66+GF(V1/V0)
插拔力 Insertion and extraction force		插座与继电器间: 首次插入力 $\geq 25\text{N}$, $\leq 45\text{N}$; 首次拔出力 $\geq 20\text{N}$, $\leq 50\text{N}$ Between sockets and relay: Initial inserting force $\geq 20\text{N}$, $\leq 45\text{N}$; First extraction force $\geq 20\text{N}$, $\leq 50\text{N}$
插拔次数 Number of insertions and removals		≥ 1 万次 (插座与继电器之间的插拔次数) $\geq 100,000$ times (insertions and removals between sockets and relays)
工作环境温度 Environment temperature		$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$, 非真空状态, 不结冰情况下 $-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$, 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, $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$ Under intact packaging, -40°C to $+55^{\circ}\text{C}$
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 300VAC
接触电阻 contact resistance		$\leq 50\text{m}\Omega$
绝缘电阻 Insulation resistance		$\geq 10000\text{M}\Omega$ (500VDC)
抗电强度 (工频耐压) Withstand voltage (50Hz AC voltage)		相邻端子之间: 2500VAC, 50HZ, 1min(漏电流1mA) Between adjacent terminals: 2500VAC, 50HZ, 1min (leakage current 1mA)

性能参数 (表2.2)	
Performance parameters (Table 2.2)	
耐候性 Weather resistance	XYZ 3-way, 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)
产品即跌落 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个小时测试时温度升高, 前后温差不能超过55K) According to GB/T14048.5 standard, 8.3.3.3 clause (constant temperature of 25 °C, continuous power for 60 minutes, all contacts are fully loaded, and the temperature difference before and after the 1-hour test interval does not exceed 55K)
盐雾试验 Salt spray test	24h, 1个周期, (参考GB/T 2423.18-2012) 24 hours, 1 cycle, (Refer to GB/T 2423.18-2012)
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, 96h, contact resistance ≤ 200m Ω
高低温冲击试验 High/Low temperature Impact test	-40~+85℃, 85RH, 40min/循环, 50个循环, 接触电阻≤200mΩ -40~85 °C, 85% RH, 40min/cycle, 50 cycles, contact resistance ≤ 200m Ω
图纸未注一般公差 General tolerance for general dimensions	按GB/T 1804— 标准执行 Execute according to GB/T 1804— standard



所有尺寸均以mm为单位	比例	1:1
不能从图纸上测绘尺寸	图幅	A4
all dimensions are in millimeters	页码	1/1
unable to measure dimensions from drawings		



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	14F-1Z-A1X