

J 国军标产品

**TRY-B 型火工品限流电阻器
TRY-B Current limiting resistor**

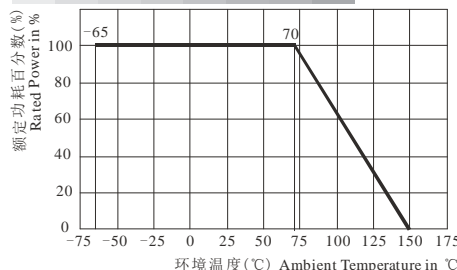
适用标准 Applicable specifications

GJB1929-1994 高稳定薄膜固定电阻器总规范
ZZR-Q/RU21929.15-2008 TRY-B 型火工品限流电阻器详细规范
GJB360B-2009 电子及电气元件试验方法

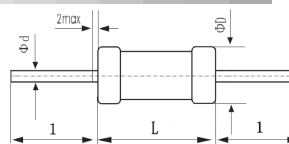
外形尺寸 Dimensions in millimeters

型号 Type	额定功率 PR(W)	外形尺寸 Dimension (mm)			
		Dmax	Lmax	d	l
TRY-B	0.25	2.5	7.0	0.6±0.05	28±2
	0.5	3.9	10.5		
	1	4.5	13.0	0.8±0.05	
	2	6.5	17.0		

降功耗曲线 Derating



外形尺寸图 Dimensions



主要技术指标 Technical and standard electrical specifications

型号 Type	额定功率 PR(W)	瞬时(200ms)过载功率 Transient Over Load (W)	瞬时过载时间 Transient Overload Time (ms)	阻值范围 Resistance Range ()	阻值系列 Resistance Series	允许偏差 Tolerance (%)	电阻温度系数 TCR (×10 ⁻⁶ /°C)
TRY-B	0.25	65、145	200、100	1~10	E24、E48	±2(G) ±5(J)	≤±500
	0.5	125	200				
	1	250					
	2	500					

阻值范围、阻值允许偏差及 TCR 超出上述指标的可协商供货。Bespoke resistance range, tolerance and TCR are available.

主要检验项目、检验方法及性能要求 Performance

检验项目 Items	检验方法 Methods			性能要求 Requirements	
温度冲击 Thermal Shock	-65°C /150°C .5 cycles			R ≤ ±(0.5%R+0.05) 无机械损伤; no evidence of mechanical damage	
低温工作 Operation at low temperature	-65°C、UR(or Umax) 45min				
引出端强度 Terminal strength	拉力 Tensile:10N、15N、20N, 扭转 torsion:360° 3times				
冲击(规定脉冲) Shock(specified pulse)	500m/s ² , 11ms 半正弦波 half-sine wave, 10 times				
高频振动 High frequency vibration	10~2000Hz,0.75mm,150m/s ² ,8h				
过载 Over-load	2.5 UR,5s			R ≤ ±(0.5%R+0.05) , 无飞弧 No evidence of arcing	
介质耐压 Dielectric withstand voltage	V 形块法,施加交流电压其峰值为绝缘电压值的 1.42 倍,t=1min V-block Method 1.42times U _i ,1min			R ≤ ±(0.5%R+0.05) 无击穿或飞弧 No breakdown or arcing	
耐溶剂性 Component solvent resistance	在规定的溶剂中浸 1 分钟,刷 10 次,共 3 回 Immersed 1min in the specified solvents, brush 10 times, 3 cycles			无机械损伤,标志清楚 No mechanical damage, legible marking	
可焊性 Solderability	235±5°C,5±0.5S			浸锡面 covered ≥95%	
耐湿 Moisture proof	RH(80~98)%, -10°C~65°C 24h (U _R 4 h) 10 cycles			R ≤ ±(1.5%R+0.1)	
绝缘电阻 Insulation resistance	100V _{DC}			R _i ≥10G	
耐焊接热 Resistance to soldering heat	350±10°C, 3±0.5s			R ≤ ±(0.5%R+0.05)	
寿命 Life	70°C±5°C,U _R ,1000h			R ≤ ±(1.0%R+0.1)	
瞬时过载 Transient overload	额定功率 Products' Power	过载功率(w) overload wattage	过载时间(ms) overload time	阻值变化 Change in resistance	熔断时间※ Fusing time (s)
	同主要技术指标			R ≤ ±(3%R+0.05)	0.15~1 0.3~4

※注: 熔断是指电阻器进行规定的瞬时过载功率时, 流过电阻器的电流下降到最初试验电流的 1/50 以下的状态。

Annotation: fusing means under transient overload condition, current passing through the resistor is smaller than 1/50 of the initial test current.

注意事项: 由于本电阻器的瞬时过载功率大, 安装时还应考虑电阻器的表面温升对安装牢固性及周围其它元件的影响。

Attention: due to the large transient overload wattage, the influence of surface temperature rise on mechanical robustness and ambient components

订货指南 Ordering information

TRY-B—0.5W—10 — J

型号 Type—额定功率 Rated Power—标称阻值 Nominal Resistance—允许偏差 Tolerance

对于本页内容的任何变更, 恕不另行通知。订货前, 请确认技术参数。Specifications are subject to change without notice.