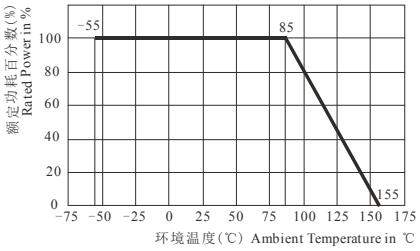
■阻值范围宽 Wide resistance range
■厚膜、无感设计 Thick film, non-inductive design
■符合 UL94-VO 标准 UL94-VO qualified
■适用于变速驱动、自动控制、控制设备、以及高频电路和终端电路
Used in speed drivers, auto control device, control device, high frequency and terminal circuits

RIG800 型大功率电阻器
RIG800 Power resistor

■ 适用标准 Applicable specifications

■GB/T5729-2003 电子设备用固定电阻器 第一部分：总规范
■Q/RU480-2012 RIG800 功率型塑封电阻器详细规范

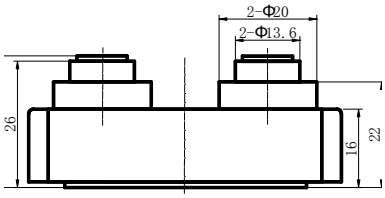
■ 降功耗曲线 Derating

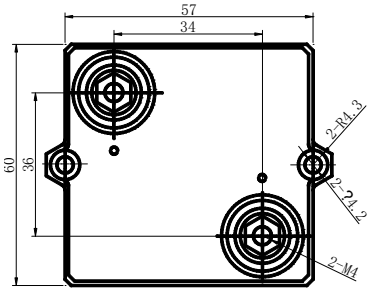


■ 主要技术指标 Technical and standard electrical specifications

■阻值范围 Resistance range: 10Ω～1MΩ
■阻值允许偏差 Resistance tolerance: ±5%
(Tolerance within ±1%～±10% available upon request)
■额定功率 Rated power: 800W
■电阻温度系数 TCR: ≤±150×10^{-6}/°C
■最大工作电压 Maximum working voltage: 5000V_{DC}
■耐电压 (50Hz, I_{max}:10mA) Voltage proof: 6000V_{AC}
■绝缘电阻 (500V) Insulation voltage:≥10GΩ
■工作温度范围 Working temp:-55°C～155°C
■局部放电 (4KV)Partial discharge:＜10pc
■单个冲击电压 (1.5/50us)Single voltage shock：12KV
■电阻安装 Method of mounting: M4 螺丝, Screws

■ 外形尺寸图 Dimensions





公差：除注明外均为±0.3mm
Annotate: Tolerance is ±0.3mm, unless otherwise specified

■ 主要检验项目、检验方法及性能要求 Performance

检验项目 Test	检验方法 Conditions of test	性能要求 Test limits
瞬时过载 Transient overload	1.5U_R or Umax 取较小者, whichever smaller 10s	ΔR≤±(0.4%R+0.05Ω)
温度冲击 Thermal shock	-55°C/+155°C, 5 cycles	ΔR≤±(0.5%R+0.05Ω)
寿命 Load life	U_R,1000h,底板中心温度, Baseplate center temperature 85°C	
稳态湿热 Damp heat, Steady state	40°C, RH:90%～95%,56 days	
振动 Vibration	10g,5Hz ~500Hz, 1.5h	ΔR≤±(0.25%R+0.05Ω)
气候顺序 Climatic sequence	(55/175/56)	ΔR≤±(1%R+0.05Ω)

■ 订货指南 Ordering information

RIG800 – 800W – 10KΩ– 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.