

- 无感设计、抗冲击能力强
Non-inductive design, strong anti-shocking ability
- 适用于电子通讯、高频设备
Be applicable for electronic communication, high frequency equipment

RI42 型玻璃釉膜电阻器 (高压)
RI42 Cermet resistor (high voltage)

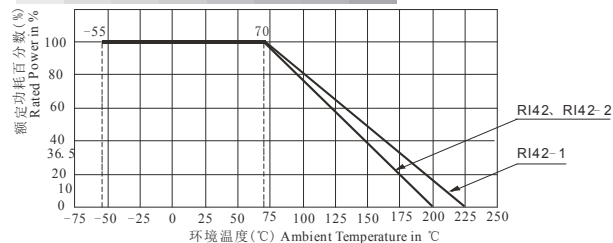
■ 适用标准 Applicable specifications

- GB/T5729-2003 电子设备用固定电阻器第一部份: 总规范
- Q/RU196-2006 RI42 型玻璃釉膜电阻器详细规范

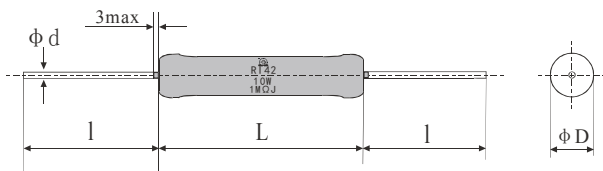
■ 外形尺寸 Dimensions in millimeters

型号 Type	额定功率 Pr (W)	阻体尺寸(mm) Resistance Element dimension		引线尺寸(mm) Terminal dimension	
		D±1	L±2	l±2	d±0.05
RI42	2	5.5	15.5	27	0.8
	3	8.5	24.0	33	
	5	9.0	40.0	30	
	10		52.0		
	12		77.0		
	15		102.0		
20	148.0	1.0			
RI42-1	5		9.0	52.0	50
	10		127.0	38	
RI42-2	12	9.0	102.0	30	
	15		127.0		

■ 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)	阻值范围及允许偏差 Resistance range (Ω) and tolerance (%)	阻值系列 Resistance Series	电阻温度系数 TCR (×10 ⁻⁶ /°C)	元件极限电压 (直流或交流有效值) Limiting Element Voltage (DC or AC effective value) (KV)	耐电压 (交流有效值) V _{AC} (AC effective value) (V)
RI42	2	阻值范围 (Resistance range): 10K~1G 偏差(Tolerance) 10K~100M: ±(1, 2, 5) 101MΩ~200M: ±(2, 5) >200MΩ: ±5	E24	≤±(100, 200)	3.0	500
	3				5.0	700
	5				8.0	1000
	10				10.0	
	12				15.0	
	15				20.0	
20	30.0					
RI42-1	5				15.0	
	10				25.0	
RI42-2	12				15.0	
	15				20.0	
					25.0	

■ 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
温度快速变化 Rapid Change of Temperature	-55°C~200°C, 5 cycles	ΔR≤±(1%R+0.1Ω)
耐焊接热 Resistance to soldering heat	350±10°C, 3.5±0.5s	
电气耐久性 Electrical Endurance	U _R 或 or U _{max} (取较小者 whichever smaller), 1000h	ΔR≤±(5%R+0.1Ω)
气候顺序 Climate Sequence	GB/T5729-2003, 4.23 条 item	ΔR≤±(2%R+0.1Ω)
稳态湿热 Damp heat, steady state	40±2°C, RH: (90~95)%, 56 days	
上限类别温度耐久性 Endurance at Upper Grade Temperature	U=0, 200°C, 1000h	
过载 Over-load	2.5 U _R 或 or 2U _{max} (取较小者, whichever smaller), 5s	ΔR≤±(0.5%R+0.1Ω)

■ 订货指南 Ordering information

RI42 - 10W - 1MΩ - 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.