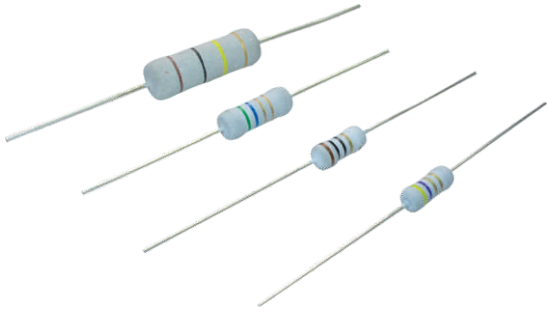
RY系列 金属氧化膜固定电阻器

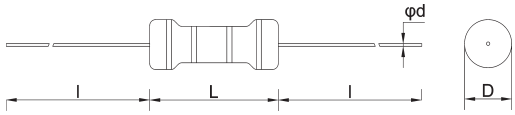
Series RY Metal oxide film fixed resistors



产品特点 FEATURES

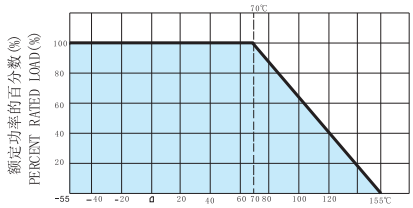
- 温度系数小、电流噪声小Low temperature coefficient, low noise.
- 抗潮湿、抗氧化、过负荷能力强、长期工作稳定 Anti wet, anti oxidation, powerful overload capacity, long-term operating stability.
- 使用温度范围宽 Wide range of operating temperature.
- 包装方式有带装、散装（可按要求进行引线成型）Several types of package: taping or bulk packaging.

外形尺寸 DIMENSIONS

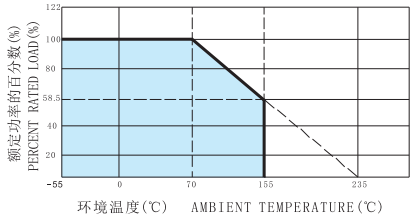


型号 Type	尺寸Dimensions(mm)			
	L	D	l ± 2	d ± 0.05
RY14/RYL14	6.0±0.5	2.3±0.3	27	0.50
RY15	6.0±0.5	2.3±0.3		0.50
RYL15	9.0±0.5	3.5±0.5		0.55
RY16	9.0±0.5	3.5±0.5		0.55
RYL16	11.0±1.0	4.5±0.5		0.65
RY17	11.0±1.0	4.5±0.5		0.65
RYL17	15.0±1.0	5.5±0.5		0.75
RY18	15.0±1.0	5.5±0.5		0.75
RYL18	17.0±1.0	6.0±0.5		0.80
RYGX5W	17.0±1.0	6.0±0.5		0.80
RYG5W	24.5±1.0	8.5±1.0		0.80
RYG7W	29.5±1.0	8.5±1.0		1.0

降功耗曲线 POWER DERATING CURVE



RY曲线



RYG曲线

技术说明 TECHNICAL SPECIFICATIONS

型号 Type	额定功率 Power Rating (W)	温度系数 T.C.R. (10^{-6}/℃)	元件极限电压 Limiting Element Voltage(V)	绝缘耐压 Dielectric withstanding voltage(V)	阻值范围 Resistance Range(Ω)	使用温度范围 Operating Temp. Range(℃)
RY14/RYL14	1/4	±250	250	400	0.1 ~ 100k	–55 ~ +155
RY15/RYL15	1/2		250	400		
RY16/RYL16	1		350	600		
RY17/RYL17	2		350	600		
RY18/RYL18	3		500	700		
RYGX5W	5		500	800		
RYG5W	5		500	800		
RYG7W	7		500	800		

特性 CHARACTERISTICS

试验项目TEST ITEM	性能要求SPECIFICATIONS	试验方法TEST METHOD
耐焊接热Resistance to soldering heat	△R≤ ±(1%R+0.05Ω)	260℃,10Sec
温度快速变化Fast temperature change	△R≤ ±(1%R+0.05Ω)	–55℃/+125℃，5Cycle
稳态湿热Dampheat,Steady State	△R≤ ±(5%R+0.1Ω)	+40℃，RH93±3%，1000h
70℃耐久性Endurance at 70℃	△R≤ ±(5%R+0.1Ω)	70±2℃，1000h
引出端强度Terminal strength	△R≤ ±(1%R+0.05Ω)	10N
短期过载Short time overload	△R≤ ±(1%R+0.05Ω)	2.5V_R，5Sec