

RYC系列 瓷壳电阻器

Series RYC Metal oxide film cement fixed resistors

产品特点 FEATURES

- RYC瓷壳功率型固定电阻器具有温度系数小、耐潮性好、抗氧化、热稳定性优良、额定功率大、过负荷能力强、长期工作稳定可靠等特点。适用于交直流和脉冲电路。
RYC cement fixed resistors were high powers, lower temperature coefficient, preventing humidity and oxidation. They were provided with the characters of heat stabilization, high power, strong overloading and have been working for a long time. They were adapt to the pulse circuitry of AC and DC.

外形尺寸 DIMENSIONS

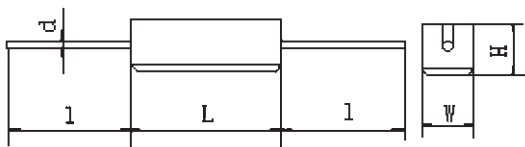


图1 Figure 1

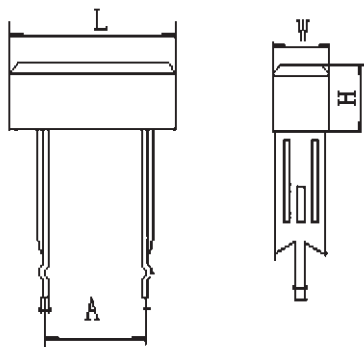


图2 Figure 2

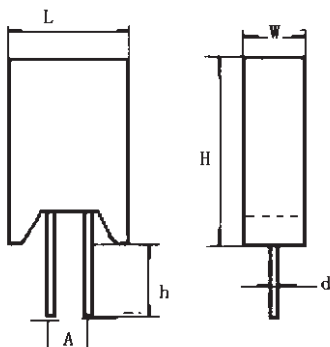


图3 Figure 3

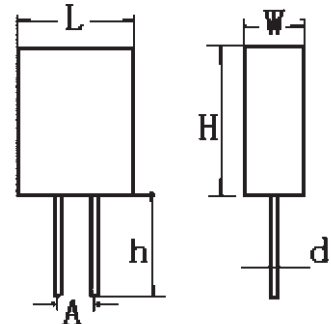
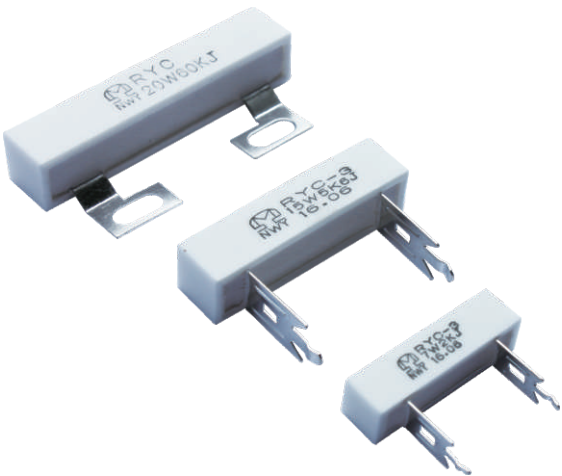


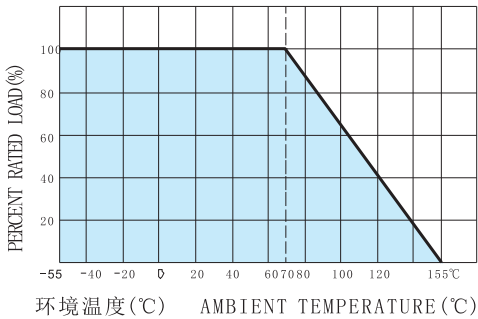
图4 Figure 4

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	$\Delta R \leq \pm (1\%R + 0.05 \Omega)$	260℃, 10Sec
温度快速变化Fast temperature change	$\Delta R \leq \pm (1\%R + 0.05 \Omega)$	-55℃/+155℃, 5Cycle
稳态湿热Dampheat, Steady State	$\Delta R \leq \pm (5\%R + 0.1 \Omega)$	+40℃, RH93 ± 3%, 1000h
室温耐久性Endurance at room temperature	$\Delta R \leq \pm (5\%R + 0.1 \Omega)$	Room temp. , 1000h
引出端强度Terminal strength	$\Delta R \leq \pm (1\%R + 0.05 \Omega)$	10N
短期过载Short time overload	$\Delta R \leq \pm (1\%R + 0.05 \Omega)$	10P _R , 5Sec



降功耗曲线 POWER DERATING CURVE



环境温度(℃) AMBIENT TEMPERATURE (°C)

● 技术说明 TECHNICAL SPECIFICATIONS

型号 Type	温度系数 T.C.R. (10 ⁻⁶ /°C)	绝缘耐压 Dielectric withstanding voltage(V)	尺寸 Dimensions(mm)						图号 Figure
			L ± 1	W ± 1	H ± 1	l ± 2	d ± 0.1	h ± 1	
RYC-1-1W	± 250	400	14	6.4	6.4	21	0.7	----	Figure 1
RYC-1-2W		500	18	6.4	6.4				
RYC-1-3W		600	22	8	8	26	0.8		
RYC-1-5W		700	22	9.5	9.5				
RYC-1-7W		700	35 ± 1.5	9.5	9.5	28			
RYC-1-10W		1000	48 ± 2	9.5	9.5				
RYC-1-15W		1000	48 ± 2	12.5	12.5				
RYC-1-20W		1000	63	12.5	12.5				
RYC-1-30W		1000	75	19	19				
RYC-3-5W		700	27	9.5	9.5	15	----	Figure 2	
RYC-3-7W		700	35 ± 1.5	9.5	9.5	22.5			
RYC-3-10W		1000	48	9.5	9.5	35			
RYC-3-15W		1000	48	12.5	12.5	32.5			
RYC-5-2W		500	11	7	21	5	0.7	10	Figure 3
RYC-5-5W		600	13	9	26	5	0.8	10	
RYC-5-7W		700	13	9	39	5	0.8	10	
RYC-5-10W(S)	1000	16	11	34	7.5	0.8	10		
RYC-5-10W(L)	1000	13	9	51	5	0.8	10	Figure 4	
RYC-6-5W	700	15	6	18	10	0.8	10		

● 阻值范围 Resistance range

功率 Power	1W	2W	3W	5W	7W	10W	15W	20W	30W
阻值范围 Resistance range(Ω)	200-100k	390-100k	680-100k	680-100k	820-100k	820-100k	820-100k	820-300k	820-300k