

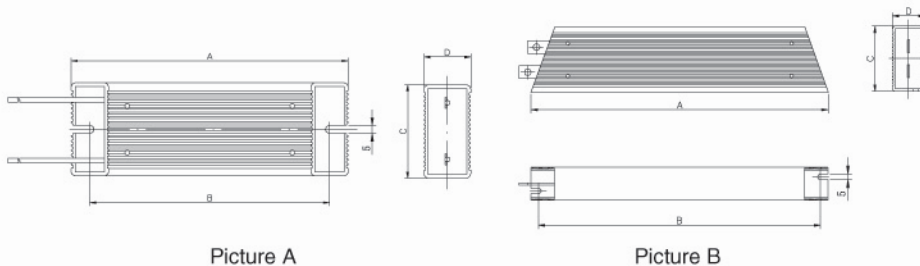
## RXG14(RXLG) 铝外壳线绕电阻器 RXG14(RXLG) wire-wounded resistors

### ★ 电特性 Electrical Characteristics

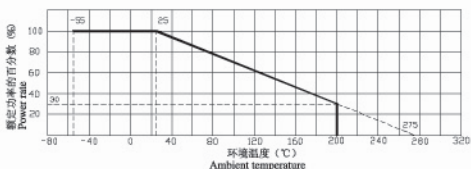
- ▲ 功率范围 (power range): 60W ~ 2000W
- ▲ 电压范围 (voltage range): 0.5KV-2KV
- ▲ 阻值范围 (resistor range): 0.01R-10KR
- ▲ 耐压 (withstand voltage): AC2.5KV-4KV/1min 50Hz
- ▲ 表面温升 (temperature rise):  $\leq 275^{\circ}\text{C}$
- ▲ 温度系数(TCR):  $\leq 250\text{ppm}$
- ▲ 合金材料 (alloy material): 0Cr25AL5/Ni80Cr20

### ★ 外形图及尺寸如下

outside drawing and dimension as follows



### ★ 降功耗曲线 derating cuive



### ★ 型号定义 How to order

示例: RXG14—100W—50Ω—J

①            ②            ③            ④

- ① 产品型号Type;
- ② 功率power;
- ③ 标称阻值Resistance value;
- ④ 允许偏差tolerance.

规格 ordinance	功率 power(w)	外型图 Picture	尺寸 (dimension) (mm)				配线 leadingwire diametral (mm)	引线长度 leadingwire length (mm)	端子 terminal
			A	B	C	D			
RXG14	60	Picture A	115	98	40	20	2.5	500	M4
RXG14	80		140	123	40	20	2.5	500	M4
RXG14	100		165	148	40	20	2.5	500	M4
RXG14	120		190	173	40	20	2.5	500	M4
RXG14	150		215	197	40	20	2.5	500	M4
RXG14	200		165	147	60	30	2.5	500	M4
RXG14	300		215	197	60	30	2.5	500	M4
RXG14	400		365	247	60	30	2.5	500	M4
RXG14	500		335	317	60	30	2.5	500	M4
RXG14	800		400	382	61	59	2.5	500	M4
RXG14	1000	400	384	50	107	2.5	500	M4	
RXG14	1200	Picture B	450	434	50	107	2.5	500	M4
RXG14	1500		485	470	50	107	2.5	500	M4
RXG14	2000		550	532	50	107	4	500	M4

### ★ 试验项目、试验方法及条件、合格判据 inspection items, methods and requirements

试验项目 items	试验条件 methods	合格判据 requirements
引出端强度 Terminal strength	试验拉力 Tension: 20N Length of time: 10s	电阻器无可见损伤 No visible damage $\Delta R \leq \pm (1\%R + 0.05\Omega)$
温度快速变化 Temperature change	-55°C ~ +200°C 3 cycles	电阻器无可见损伤 No visible damage $\Delta R \leq \pm (2\%R + 0.05\Omega)$
振动 Vibration	频率范围 Frequency: (1 ~ 500) Hz 振幅 Amplitude of vibration: 0.35mm 持续时间 Length of time: 23min	电阻器无可见损伤 No visible damage $\Delta R \leq \pm (2\%R + 0.05\Omega)$
耐电压 withstand voltago (V <sub>ac</sub> )	700V V <sub>ac</sub> 持续时间 Length of time: 1min	无击穿或飞弧 no breakdown or flashover
稳态湿热 Condand damp-heat	温度 temperature: 40°C ± 2°C 相对湿度 relative moisture: (93.±2) <sub>3</sub> % Length of time: 96h	电阻器应无可见损伤, 标志清楚 No visible damage marking distinct $\Delta R \leq \pm (5\%R + 0.05\Omega)$
绝缘电阻 (MΩ) insulation resistance	500V <sub>dc</sub>	≥ 1000MΩ
耐久性 Endurance	(20 ± 5) °C、U <sub>R</sub> 、48、500、1000h	电阻器应无可见损伤 No visible damage