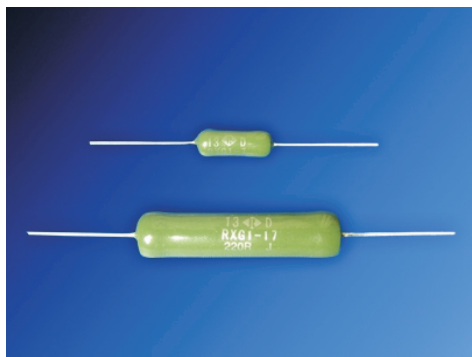
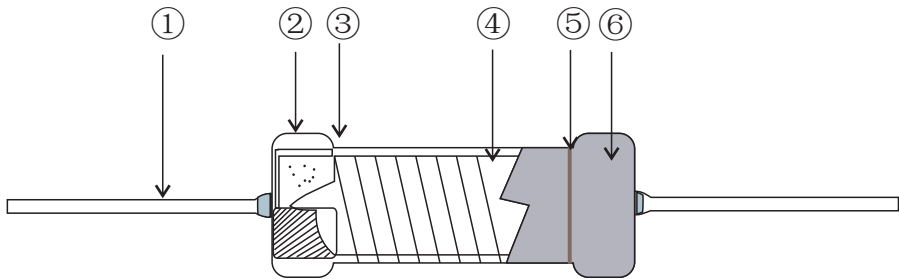


RXG1功率型被釉线绕电阻 Surface Glazed Power Wirewound Resistors



本体颜色: Body Color
标准品: Standard (Green 绿色)
标示: Marking
文字: Alphanumeric
(根据客户要求提供相应标识)
(According to the customer request to provide corresponding identification)

结构图 Construction



1	2	3	4	5	6
端子线	线帽	瓷棒	绕线	标示	釉层
lead wire	cap	ceramic base	wire wound	marking	vitreous enamel coating

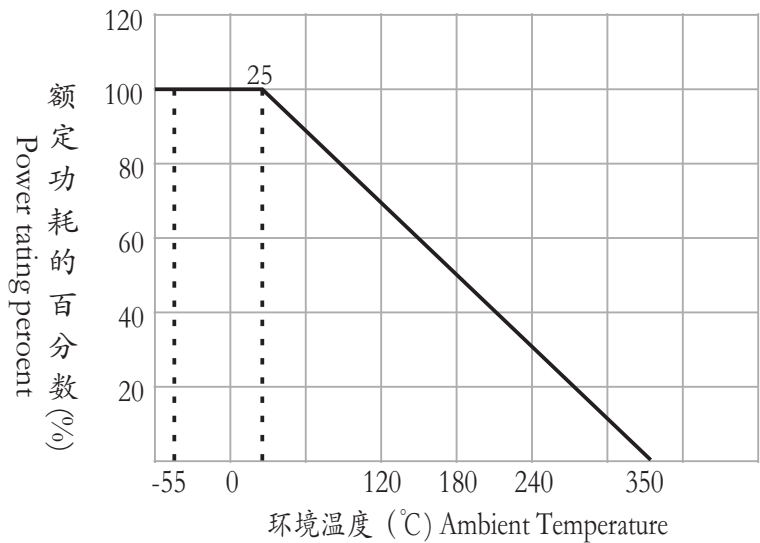
特性 Feature

- I 采用高温玻璃釉作为表面涂层 High temperature vitreous enamel as the superficial coating
- II 耐潮湿 Moisture-proof
- III 绝缘性能优良 Perfect insulation
- IV 高可靠性 High reliability

参考规格Reference Standards

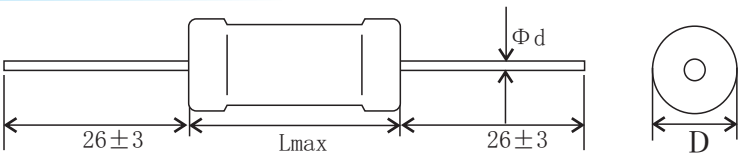
JIS C 5201-1

额定温度下降曲线图 Derating Curve



RXG1功率型被釉线绕电阻 Surface Glazed Power Wirewound Resistors

尺寸、功率、阻值范围与耐电压 Dimensions And Resistance etc



规格 Type	70℃ 功率	25℃ 功率	阻值范围 Resistance Range(Ω)		最高使用电压 Max working Voltage	温度系数 T.C.R (PPM/℃)	表面温度 (℃)	尺寸Dimensions(mm)		
			J $\pm$ (5%)	G $\pm$ (2%)				Lmax	Dmax	d $\pm$ 0.05
RXG1-1	0.5	1	0.1~510	1~300	75	≤ 250	$\leq 450^\circ\text{C}$	10	3.5	0.8
RXG1-2	1	2	0.1~1K	01~680	100			12	4.5	0.8
RXG1-3	2.5	3	0.1~5K1	1~1K5	120			12.7	5.6	0.8
RXG1-5	4.5	5	0.1~10K	1~6K8	300			22	7	0.8
RXG1-7	6	7	0.1~12K	1~8K2	350			22	8	0.8
RXG1-8	7	8	0.5~20K	1~15K	500			33	8	0.8
RXG1-11	9	11	0.5~27K	1~20K	650			38	8	0.8
RXG1-14	12	14	0.5~36K	1~24K	700			53	8	0.8

性能Performance

试验项目 Test Items	规格值 Performance Requirements	试验方法 Test Methods(JIS C 5201-1)
可焊性 Solderability	焊料自动流动	235℃ $\pm$ 5℃,2s槽焊法
引出端强度 Terminal tensile strength	$\Delta R \leq \pm(1\%R+0.05\Omega)$	$\leq 4.3\text{W } 10\text{N}, \geq 6\text{W } 20\text{N}$
过载 Overload	$\Delta R \leq \pm(1\%R+0.05\Omega)$	施加10倍额定功率负荷5s
温度变化 Resistance with temperature	$\Delta R \leq \pm(1\%R+0.05\Omega)$	-55℃,+200℃,5次循环
碰撞 Bump	$\Delta R \leq \pm(1\%R+0.05\Omega)$	加速度390m/s ² ,4000次
冲击 Shook	$\Delta R \leq \pm(1\%R+0.05\Omega)$	加速度490m/s ² ,11ms,18次
振动 Vibratious	$\Delta R \leq \pm(1\%R+0.05\Omega)$	频率10-500Hz,加速度98m/s ² ,6h
温升 Temperature Rise	$\leq 245^\circ\text{C}$	施加额定功率负荷
恒定湿热 Dampheat,steady state	$\Delta R \leq \pm(5\%R+0.05\Omega)$	温度40 $\pm$ 2℃,湿度93 $\pm$ 5%,56天
室温耐久性 Endurance at room temperature	$\Delta R \leq \pm(5\%R+0.05\Omega)$	室温施加额定功率负荷1000h

料号编号 Ordering Information

例 example

RXG1	1	J	1K00	A520
型号 Type	额定功率 Rated Power	误差值 Tolerance	电阻值 (Ω) Resistance	二次加工 Forming
	1 : 1 W 2 : 2 W 3 : 3 W	F $\pm$ 1% J $\pm$ 5%	1K00=1K Ω	