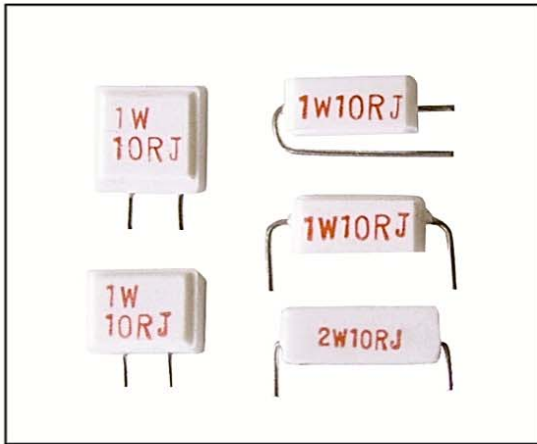


# RXG21(A/B/C/D) 抗雷击电涌线绕电阻器

lightning surge protection wire-wound fuse resistors



## 产品特点 Features

- 抗电涌性能好，耐过负荷能力强
- 短路时电阻器在瞬间熔断
- 采用瓷壳封装，安全性能好
- Ceramic encased, perfect surge-proof, good safety performance
- Resistance fusing instantly when short circuit comes
- Ceramic package safe and reliable

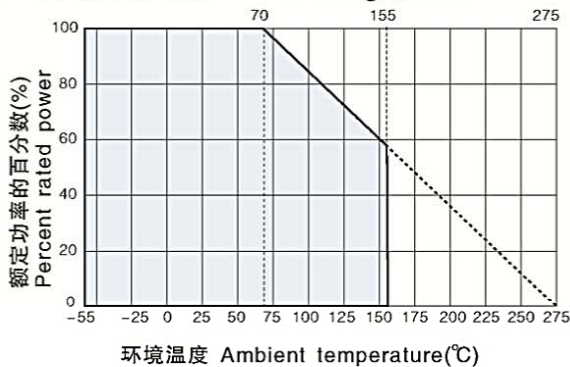
## 应用范围 Applications

- 节能灯
- 充电器
- 开关电源
- Energy saving lamp
- Battery chargers
- Switching power supply

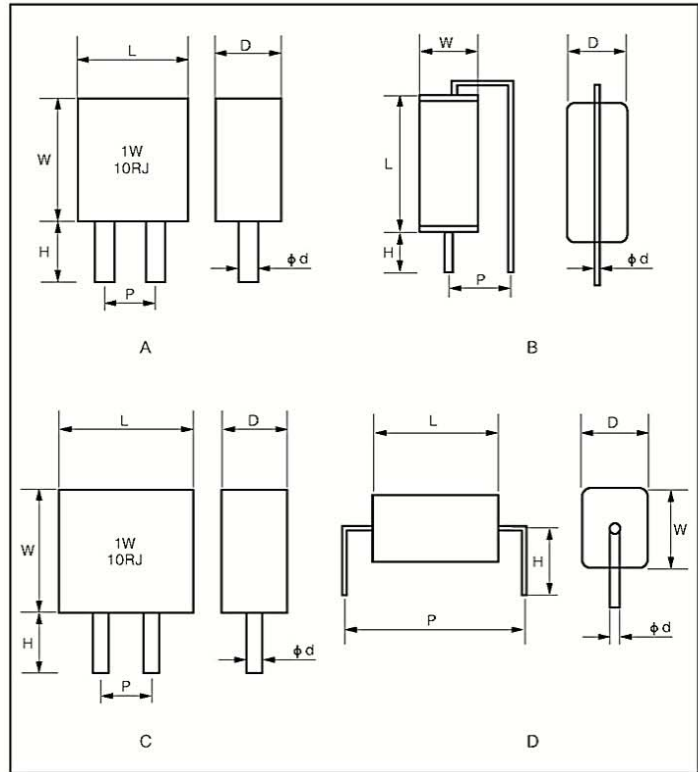
## 执行标准 Reference Standards

Q/ATK 063

## 降功耗曲线 Derating Curve



## 构造图 Construction

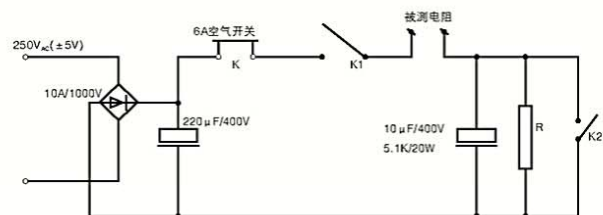


## 外形尺寸 Dimensions(mm)

型号 Type	Lmax	Wmax	D	P	H	φd
RXG21-A-1W	10.5	10.5	5.0±0.5	5.0±0.8	3.6±0.5	0.7±0.05
RXG21-B-1W	13.0	6.0	5.0±0.5	5.0±0.8	3.6±0.5	0.7±0.05
RXG21-C-1W	11.5	8.5	5.0±0.5	5.0±0.8	3.6±0.5	0.6±0.05
RXG21-D-1W	12.5	5.7	5.0±0.5	17.5±0.5	6.5±0.5	0.7±0.05
RXG21-D-2W	19.5	7.5	6.5±1	20.7±0.5	6.5±0.5	0.8±0.05

## 耐冲击性能 Shockproof Property

如图，闭合空气开关K，断开K2，将K1反复通断30次，电阻不开路。  
As shown in chart, close air switch K, cut K2, the resistance value will not disappear after on/off 30 times.



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## ■ 短路熔断特性 Short Circuit Fusing Characteristic

将试验电阻直接接入230VAC的电源中，试验电阻应立即熔断，熔断时电阻器不能有爆炸起火现象。

The experimental resistor connect into 230VAC power supply, the resistor will fusing immediately It will not occur that resistor explode or on fire.

## ■ 抗浪涌冲击特性 Surge Proof Characteristic

将试验电阻接入适用的充电器中，按照IEC-61000-4-5测试标准要求对充电器施加1000V~3000V电压（按照充电器要求），试验结束后，试验电阻应不开路。

The experimental resistor connect into the suitable battery charge, exert the 1000V~3000V voltage to the battery charge according to IEC 1000-4-5, after experiment, the resistance will not be open.

## ■ 技术说明 Technical Specifications

型号 Type	额定功率 Rated Power	阻值范围 Resistance Ranges(Ω)	精度 Tolerances	额定功率环境温度 Rating Ambient Temp	使用温度范围 Operating Temp Range
RXG21-A-1W	1W	0.47Ω~51Ω	±5% ±10%	70℃	-55℃~155℃
RXG21-B-1W	1W	0.47Ω~51Ω			
RXG21-C-1W	1W	0.47Ω~51Ω			
RXG21-D-1W	1W	0.47Ω~51Ω			
RXG21-D-2W	2W	1Ω~100Ω			

## ■ 性能指标 Performance

试验项目 Test Item	性能要求 Specifications	试验方法 Test Method
短时间过负载 Short time overload	$\Delta R \leq \pm(2\%R+0.05\Omega)$	10V <sub>R</sub> , 5S
温度快速变化 Rapid change of temperature	$\Delta R \leq \pm(1\%R+0.05\Omega)$	-55℃/275℃, 30min 5cycles
耐焊接热 Leaching	$\Delta R \leq \pm(1\%R+0.05\Omega)$	350 ± 10℃, 3.5 ± 0.5S
气候顺序 Climatic category	$\Delta R \leq \pm(5\%R+0.05\Omega)$	275℃, 16h/55℃, RH93 ± 3%, 24h/ -55℃, 2h/8.5kpa, 15~35℃, 1h
70℃耐久性 Endurance at 70℃	$\Delta R \leq \pm(5\%R+0.1\Omega)$	70 ± 2℃, P <sub>R</sub> , 1000h

## ■ 订货示例 How To Order

例如 Example

RXG21	A	1W	100R	±5%	袋装 Bag
产品型号 Type	类型 Style	功率 Power	标称阻值 Nominal Value	精度 Toleracne	包装方式 Packaging
RXG21	A B C D	1W 2W	100R	±5% ±10%	袋装 Bag

特殊阻值、尺寸和规格，如需要可以特别定做。

Please contact us for special requirement about resistance, size and specification.