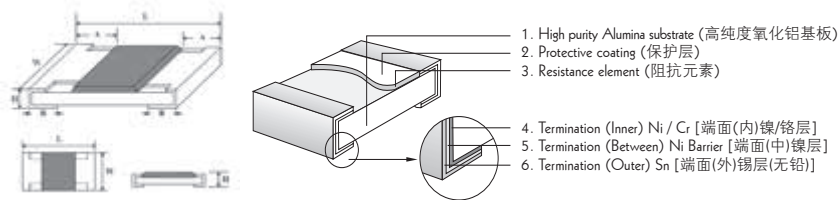


### Feature (特性)

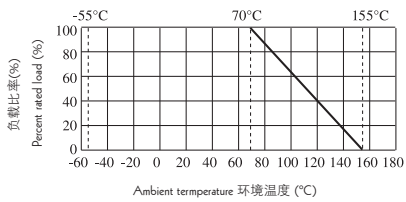
- High-Precision, high-power, anti-pulse 高精度、高功率、抗脉冲
- Suitable for reflow & wave soldering 适合波峰焊与回流焊
- Application monitors, power supplies, DVD, camcorder, laptop computer  
适用于显示器、电源、DVD 摄像机、手提电脑



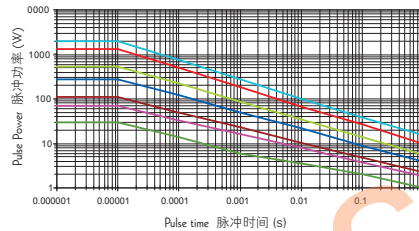
### Figures (型状)



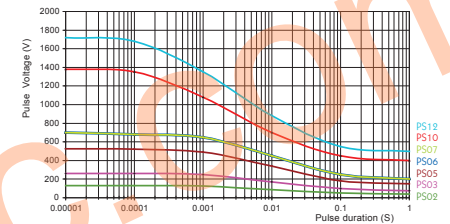
### Derating Curve (降功率曲线)



### Curve of Pulse Duration (脉冲曲线)



### Pulse Voltage Limit (电压曲线)



### Specification (性能)

Type 类型	Max working voltage 最大工作电压	Max Overload Voltage 最大过负荷电压	Dielectric Withstanding Voltage 绝缘耐压	Operating Temperature 工作温度范围
PS02	50V	100V	100V	-55~+155°C
PS03	50V	100V	300V	
PS05	150V	300V	500V	
PS06	200V	400V	500V	
PS07	200V	500V	500V	
PS10	400V	800V	500V	
PS12	500V	1000V	500V	

Type 类型	Power 功率 (70°C)	L (mm)	W (mm)	H (mm)	A (mm)	B (mm)	Resistance Range 阻值范围 1%(E96), 5%(E24)
PS02	1/8W	1.00±0.10	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.10	1Ω~10M
PS03	1/4W	1.60±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.30±0.20	
PS05	1/3W	2.00±0.15	1.25 <sup>+0.15</sup> <sub>-0.10</sub>	0.55±0.10	0.40±0.20	0.40±0.20	
PS06	1/2W	3.10±0.15	1.55 <sup>+0.15</sup> <sub>-0.10</sub>	0.55±0.10	0.45±0.20	0.45±0.20	
PS07	3/4W-S	3.10±0.10	2.60±0.20	0.55±0.10	0.55±0.25	0.50±0.20	
PS10	1.25W	5.00±0.10	2.50±0.20	0.55±0.10	0.60±0.25	0.50±0.20	
PS12	2W	6.35±0.10	3.20±0.20	0.55±0.10	0.60±0.25	1.80±0.25	

Performance Specification (性能)

Temperature coefficient	温度系数	PS02, PS03, PS05, PS06 PS10, PS12: $\leq 10\Omega: \leq \pm 200\text{ppm}/^\circ\text{C}$ $> 10\Omega: \leq \pm 100\text{ppm}/^\circ\text{C}$ PS07: $\leq \pm 100\text{ppm}/^\circ\text{C}$
Short-time overload	短时间过负荷	$\pm 1\%: \pm(1.0\%+0.1\Omega)\text{Max. (最大)}$ $\pm 5\%: \pm(2.0\%+0.1\Omega)\text{Max. (最大)}$
Terminal bending	端子弯曲	$\pm(1.0\%+0.05\Omega)\text{Max. (最大)}$
Solderability	可焊性	Min. 95% Coverage (最少 95% 覆盖率)
Soldering heat	耐焊接热	$\pm(1.0\% + 0.05\Omega)\text{Max. (最大)}$
Load life in humidity	湿度寿命	$\pm 1\%: \pm(1.0\%+0.1\Omega)\text{Max. (最大)}$ $\pm 5\%: \pm(3.0\%+0.1\Omega)\text{Max. (最大)}$
Dielectric withstanding voltage	绝缘耐压	No evidence of flashover, mechanical damage, arcing or insulation breakdown 无击穿, 飞弧及可见机械性损伤
Temperature Cycling	温度循环	$\pm 1\%: \pm(0.5\%+0.1\Omega)\text{Max. (最大)}$ $\pm 5\%: \pm(3.0\%+0.1\Omega)\text{Max. (最大)}$
Load life	负载寿命	$\pm 1\%: \pm(1.0\%+0.1\Omega)\text{Max. (最大)}$ $\pm 5\%: \pm(3.0\%+0.1\Omega)\text{Max. (最大)}$
Single pulse	单脉冲	$\pm(1.0\%+0.1\Omega)\text{Max. (最大)}$

Ordering Procedure (Example: PS05 1/3W 5% 120K $\Omega$  T/R-5000)

订购方式 (例如: PS05 1/3W 5% 120K $\Omega$  T/R-5000)

