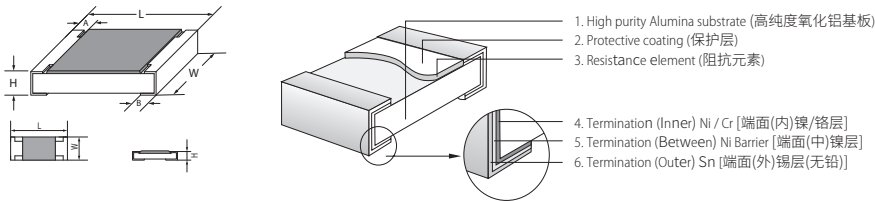


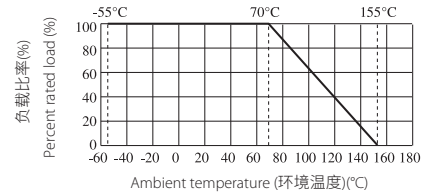
### Feature (特性)

- Superior Anti-Surge Voltage performance. 优越的抗浪涌电压特性
- Suitable for both wave & re-flow soldering 适合波峰焊与回流焊
- Application AV adapters, LCD back-light camera strobe etc. 适用于AV适配器、LCD背光电路、照相机的快门等
- AEC-Q200 Qualified

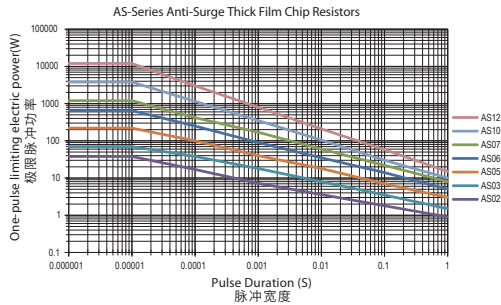
### Figures (型状)



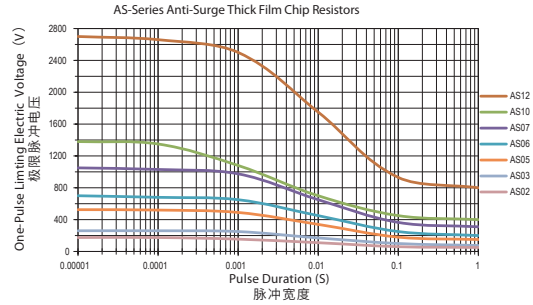
### Derating Curve (降功率曲线)



### Curve of Pulse Duration (脉冲曲线)



### Pulse Voltage Limit (电压曲线)



### Specification (规格)

Type 类型	Size 尺寸	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
AS02	0402 (1005)	50V	100V	100V	-55~+155°C
AS03	0603 (1608)	75V	150V	300V	
AS05	0805 (2012)	150V	300V	500V	
AS06	1206 (3216)	200V	400V	500V	
AS07	1210 (3225)	200V	500V	500V	
AS10	2010 (5025)	400V	800V	500V	
AS12	2512 (6432)	500V	1000V	500V	

Type 类型	Power Rating 额定功率	L (mm)	W (mm)	H (mm)	A (mm)	B (mm)	Resistance Range 阻值范围	Tolerance 公差
AS02	1/8W	1.00±0.10	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.10	1Ω~10M	±5% ±10% ±20%
AS03	1/4W	1.60±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.30±0.20		
AS05	1/2W	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		
AS06	0.6W	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		
AS07	3/4W	3.10±0.10	2.60±0.20	0.55±0.10	0.50±0.25	0.50±0.20		
AS10	1.5W	5.00±0.10	2.50±0.20	0.55±0.10	0.60±0.25	0.50±0.20		
AS12	2W	6.35±0.10	3.20±0.20	0.55±0.10	0.60±0.25	0.50±0.20		

\*Special offered 特别提供: AS12 B:1.80±0.25mm

### Performance Specifications (性能)

<b>Temperature coefficient</b>	温度系数	1Ω≤R≤10Ω: ±400ppm/°C 10Ω<R≤10M: ±100ppm/°C
<b>Short-time overload</b>	短时间过负荷	±(1.0%+0.1Ω)
<b>Terminal bending</b>	端子弯曲	±(1.0%+0.05Ω)
<b>Solderability</b>	可焊性	Coverage must be over 95%.
<b>Dielectric withstanding voltage</b>	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
<b>Soldering heat</b>	耐焊接热	±(1.0%+0.05Ω)
<b>Rapid change of temperature</b>	温度快速变化	±(1.0%+0.05Ω)
<b>Load Life in humidity</b>	湿度寿命	±(3.0%+0.1Ω)
<b>Load life</b>	负载寿命	±(3.0%+0.1Ω)
<b>Humidity (Steady State)</b>	恒定湿热	±(3.0%+0.1Ω)
<b>Single pulse</b>	单脉冲	±(1.0%+0.1Ω)

### Ordering Procedure (Example: Anti-surge AS03 1/4W 5% 10KΩ T/R-5000)

订购方式 (例如: 抗浪涌 AS03 1/4W 5% 10KΩ T/R-5000)

