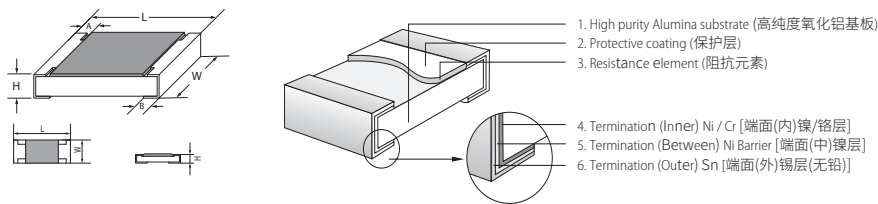


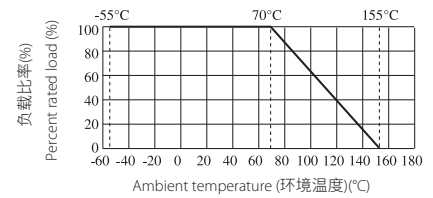
### Feature (特性)

- 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、照相机的闸门等

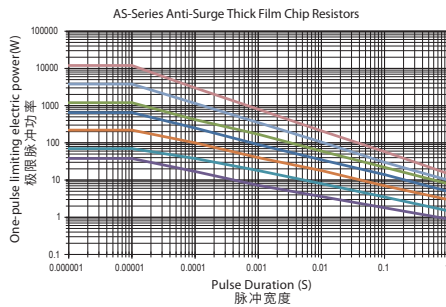
### Figures (型状)



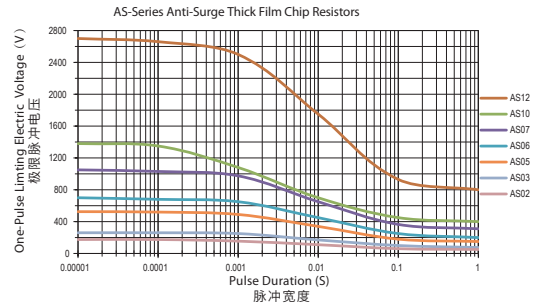
### Derating Curve (降功率曲线)



### 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 (功率) (70°C) | 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%          |
| 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 |                       | ±10%         |
| AS07    | 3/4W              | 3.10±0.10 | 2.60±0.20                              | 0.55±0.10 | 0.50±0.25 | 0.50±0.20 |                       | ±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 |                       |              |

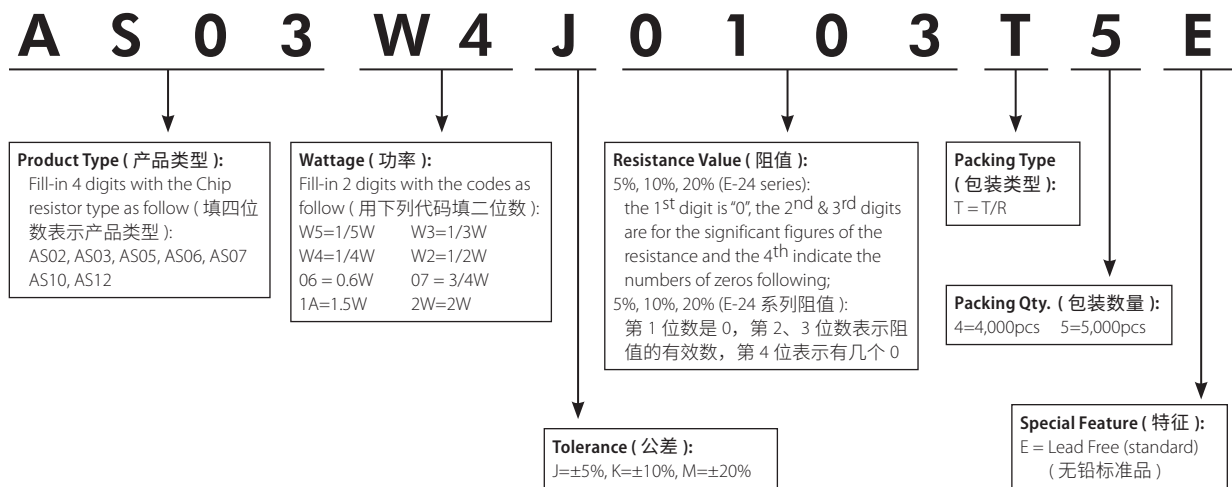
\*Special offered 特别提供: AS12 B:1.80±0.25mm

### Performance Specifications (性能)

|                                 |        |  |
|---------------------------------|--------|--|
| Temperature coefficient         | 温度系数   | 1Ω≤R≤10Ω: ±400ppm/°C<br>10Ω<R≤10M: ±100ppm/°C  |
| Short-time overload             | 短时间过负荷 | ±(1.0%+0.1Ω)   |
| Terminal bending                | 端子弯曲   | ±(1.0%+0.05Ω)  |
| Solderability                   | 可焊性    | Coverage must be over 95%.   |
| Dielectric withstanding voltage | 绝缘耐压   | No evidence of flashover, mechanical damage, arcing or insulation breakdown<br>无击穿, 飞弧及可见机械性损伤 |
| Soldering heat                  | 耐焊接热   | ±(1.0%+0.05Ω)  |
| Rapid change of temperature     | 温度快速变化 | ±(1.0%+0.05Ω)  |
| Load Life in humidity           | 湿度寿命   | ±(3.0%+0.1Ω)   |
| Load life                       | 负载寿命   | ±(3.0%+0.1Ω)   |
| Humidity (Steady State)         | 恒定湿热   | ±(3.0%+0.1Ω)   |
| Single pulse                    | 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)



单击下面可查看定价，库存，交付和生命周期等信息

[>>Uni-Ohm\(厚声\)](#)