

**SMD FUSE**



**1206WCS100A063V**

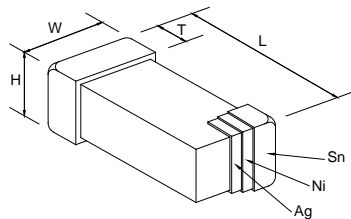
**Features**

- RoHS Passed
- SMD Electronic devices
- High structural intensity
- Compatible with both wave and reflow soldering processes
- Good corrosion resistance
- Operating temperature: -55°C to +125°C (with de-rating)

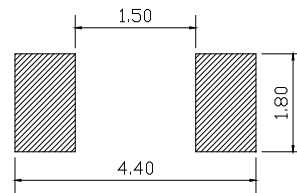


**Product Dimensions and Recommended Land Pattern(mm)**

| Part number     | L         | W         | H       | T       |
|-----------------|-----------|-----------|---------|---------|
| 1206WCS100A063V | 3.20±0.20 | 1.60±0.20 | 1.50max | 0.20min |



Product Dimensions



Recommended soldering dimension

Mark:S

**Specification**

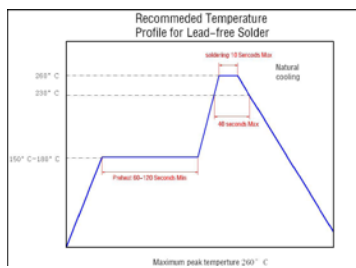
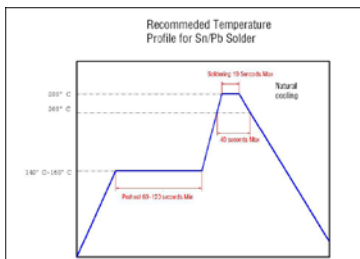
| Part number     | Current Rating | Voltage Rating | Nominal Cold DCR <sup>1</sup> | Interrupting Rating | Nominal I <sup>2</sup> t <sup>(2)</sup> |
|-----------------|----------------|----------------|-------------------------------|---------------------|---|
|                 | A              | VDC            | mΩ                            | A                   | A <sup>2</sup> s                        |
| 1206WCS100A063V | 1.0            | 63             | 280                           | 50                  | 0.14                                    |

1. Measured at ≤ 10% of rated current and 25°C ambient
2. Melting I<sup>2</sup>t at 0.001 sec clear-time

**Clear-Time Characteristics**

| % of current rating | Clear-time at 25°C |               |
|---------------------|--------------------|---------------|
| 100%                | 4 hours (min)      |               |
| 200%                | 1 sec (min)        | 120 sec (max) |
| 300%                | 0.1 sec (min)      | 3 sec (max)   |
| 800%                | 0.002 sec (min)    | 0.05 (max)    |

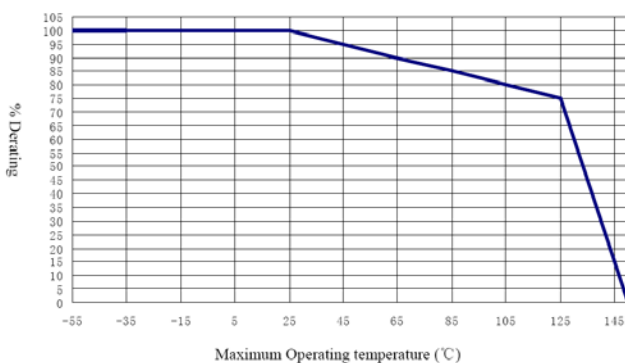
**Solder Reflow Recommendations**



**Recommended conditions for hand soldering:**

1. Preheating: 150°C, 60s (min) Appropriate temperature (max) of soldering iron tip/soldering time (max): 280°C /10s or 350°C / 3s Maximum temperature of soldering iron tip/soldering time: 350°C /9s or 400°C / 8s
2. Using hot air rework station with tip that can melt the solder on both terminations of the same time is strongly recommended, don't directly contact the

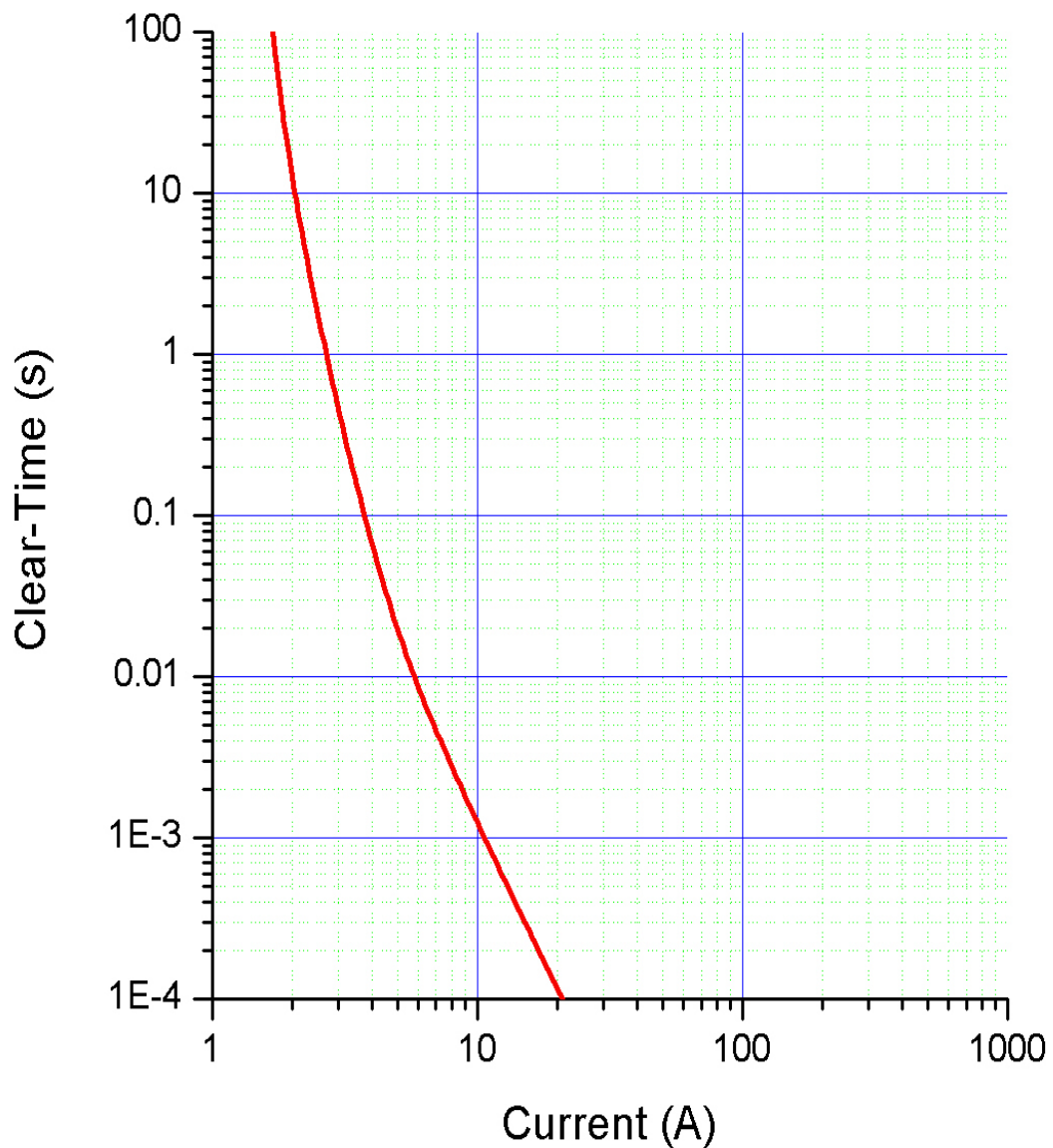
**Temperature De-rating Guideline**



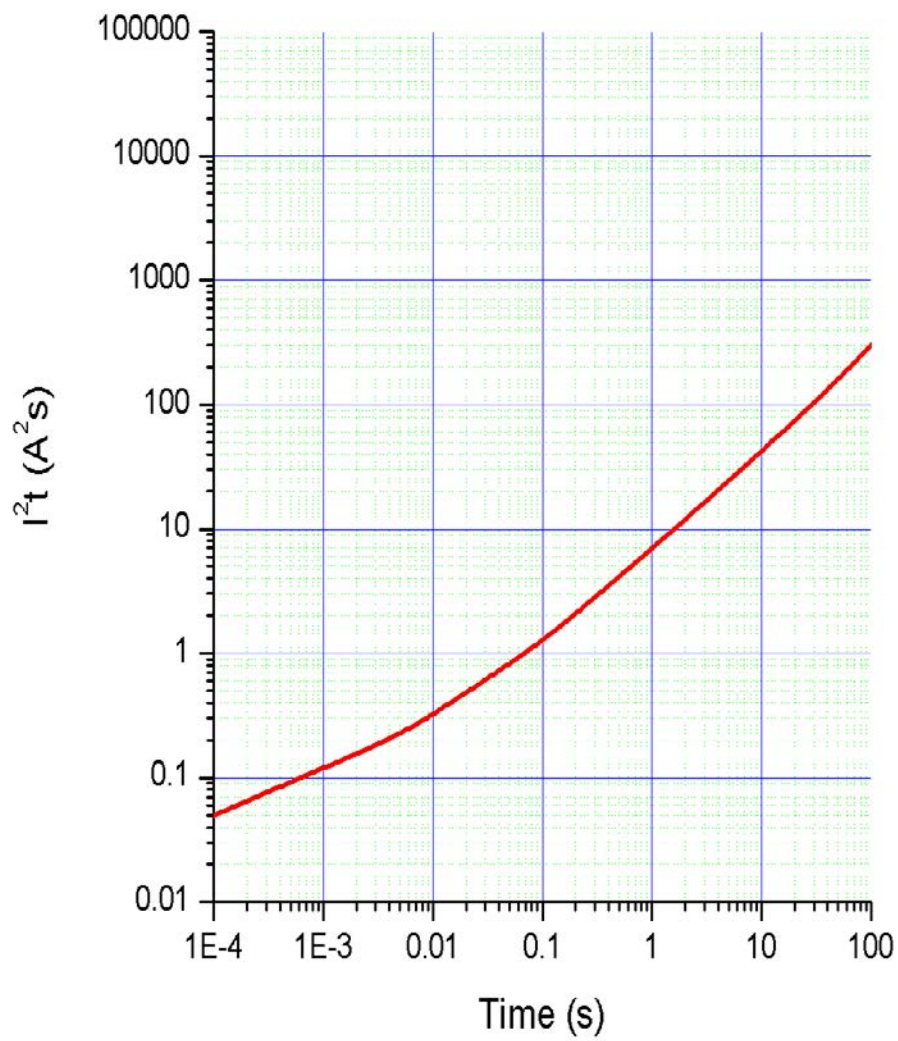
To select a fuse from the catalog, the following rule may be followed: Catalog Fuse Current Rating = Nominal Operating Current / 0.75 / % De-rating at the maximum operating temperature.

Specifications are subject to change without notice

### Average Clear-Time Curves



## I<sup>2</sup>t vs. t Curves



### Packaging Data

3000pcs (7inch/178mm Reel)

单击下面可查看定价，库存，交付和生命周期等信息

[>>WAY-ON\(维安\)](#)