

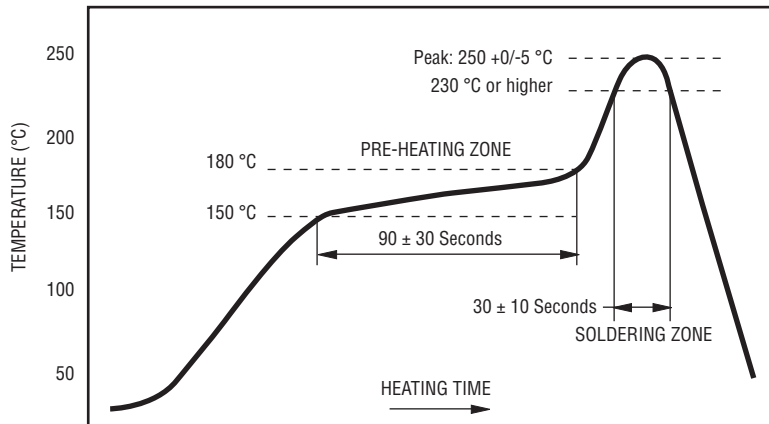
## SinglFuse™ SF-0603S Series Applications

- Portable memory
- LCD monitors
- Disk drives
- PDAs
- Digital cameras
- DVDs
- Cell phones
- Rechargeable battery packs
- Battery chargers
- Set top boxes
- Industrial controllers

## SF-0603S Series - Slow Blow Surface Mount Fuses

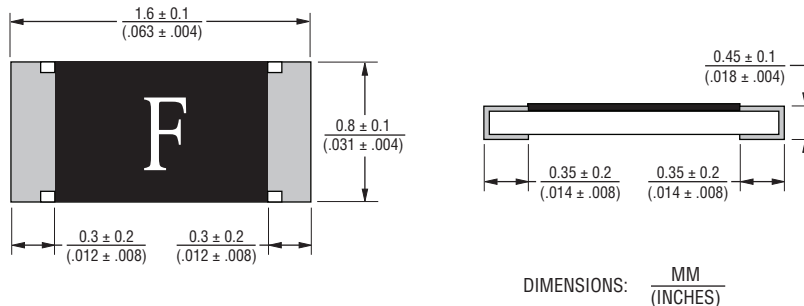
**BOURNS®**

### Solder Reflow Recommendations

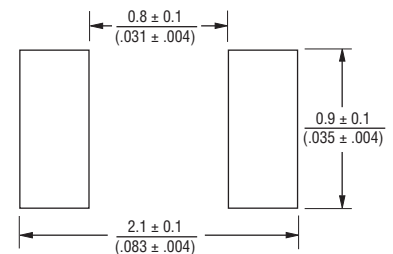


PEAK: 250 ± 0/-5 °C, 5 seconds  
 PRE-HEATING ZONE: 150 to 180 °C, 90 ± 30 seconds  
 SOLDERING ZONE: 230 °C or higher, 30 ± 10 seconds

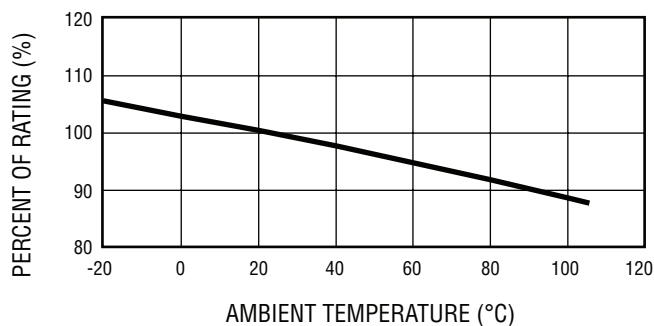
### Product Dimensions



### Recommended Pad Layout



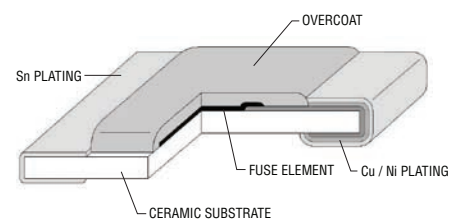
### Thermal Derating Curve



### Packaging Quantity

5,000 pieces per 7-inch reel

### Construction & Material Content



Specifications are subject to change without notice.

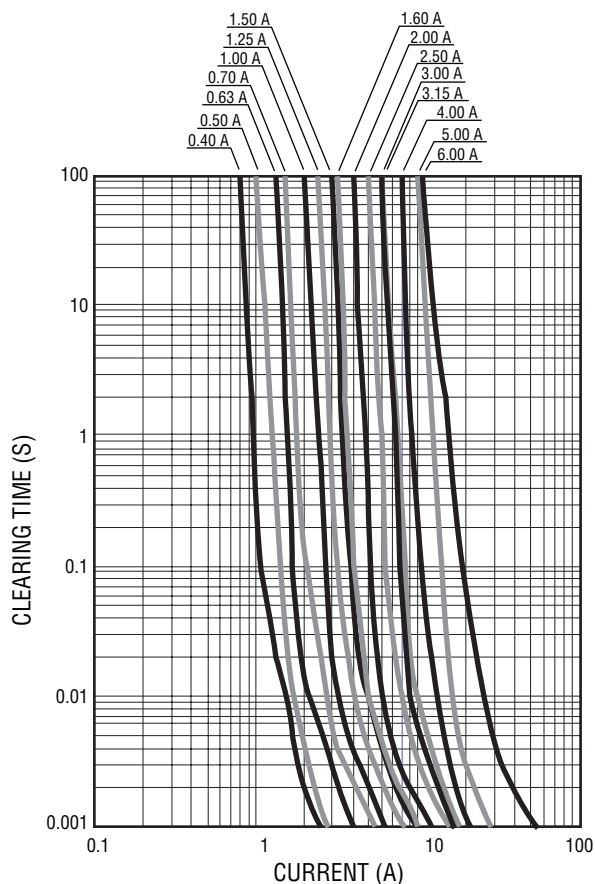
Users should verify actual device performance in their specific applications.

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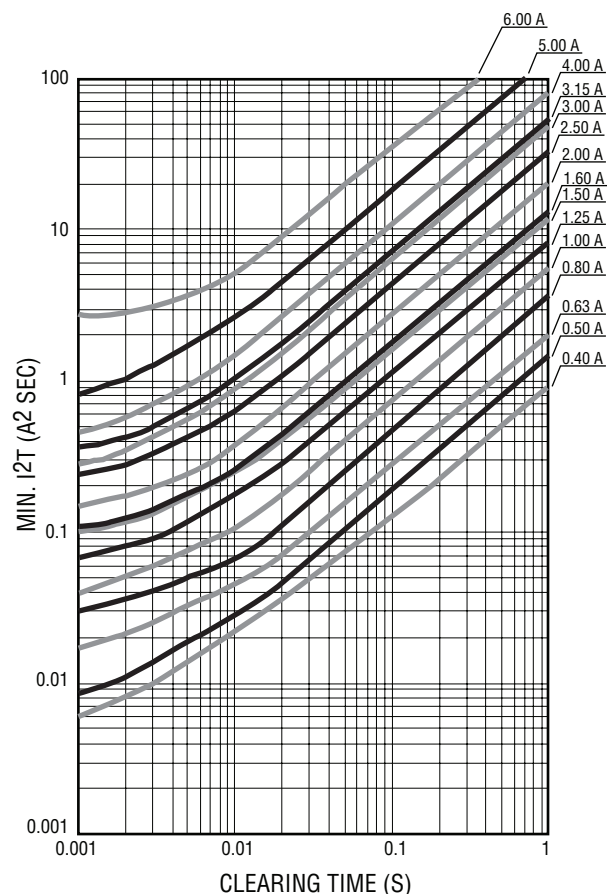
# SF-0603S Series - Slow Blow Surface Mount Fuses

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## Average Time Current Curves



## Minimum I²T V Clear Time Curves



## Typical Part Marking

Represents total content. Layout may vary.



| RATED CURRENT (A) |          |
|-------------------|----------|
| E = 0.40          | N = 1.60 |
| F = 0.50          | S = 2.00 |
| I = 0.63          | T = 2.50 |
| J = 0.70          | 3 = 3.00 |
| K = 0.80          | U = 3.15 |
| L = 1.00          | W = 4.00 |
| M = 1.25          | Y = 5.00 |
| P = 1.50          | 6 = 6.00 |

## How to Order

**SF - 0603 S 040 - 2**

SinglFuse™  
 Product Designator  
 SMD Footprint  
 1608 (EIA 0603) size  
 Fuse Blow Type  
 S = Slow blow  
 Rated Current  
 040-600 (400 mA - 6.00 A)  
 Packaging Type  
 - 2 = Tape & Reel (5,000 pcs./reel)

REV. J 01/19

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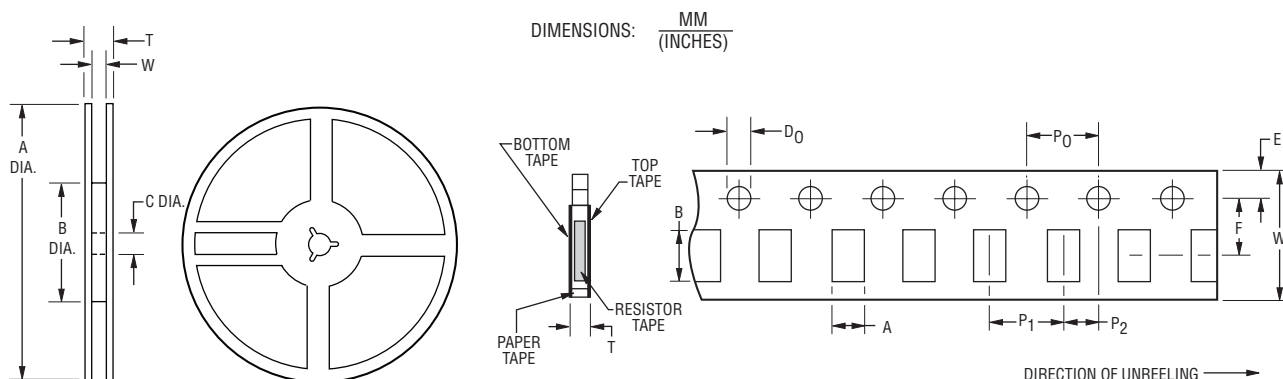
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# SF-0603S Series Tape and Reel Specifications

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| Tape Dimensions        | SF-0603S Series<br>per EIA 481-2              |
|------------------------|-----------------------------------------------|
| W                      | $\frac{8.0 \pm 0.2}{(.315 \pm .008)}$         |
| P <sub>0</sub>         | $\frac{4.0 \pm 0.1}{(.157 \pm .004)}$         |
| P <sub>1</sub>         | $\frac{4.0 \pm 0.1}{(.157 \pm .004)}$         |
| P <sub>2</sub>         | $\frac{2.0 \pm 0.05}{(.079 \pm .002)}$        |
| A                      | $\frac{1.1 \pm 0.1}{(.043 \pm .004)}$         |
| B                      | $\frac{1.9 \pm 0.1}{(.075 \pm .004)}$         |
| F                      | $\frac{3.5 \pm 0.05}{(.138 \pm .002)}$        |
| E                      | $\frac{1.75 \pm 0.1}{(.069 \pm .004)}$        |
| D <sub>0</sub>         | $\frac{1.5 \pm 0.1/-0}{(.059 \pm .004/-0)}$   |
| T                      | $\frac{0.64 \pm 0.1}{(.025 \pm .004)}$        |
| <b>Reel Dimensions</b> |                                               |
| A                      | $\frac{180 \pm 0/-3.0}{(7.087 \pm 0/-0.118)}$ |
| B Min.                 | $\frac{60.0}{(2.362)}$                        |
| C                      | $\frac{13.0 \pm 1.0}{(.512 \pm .039)}$        |
| W                      | $\frac{9.0 \pm 1.0}{(.354 \pm .039)}$         |
| T                      | $\frac{11.4 \pm 2.0}{(.449 \pm .079)}$        |



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