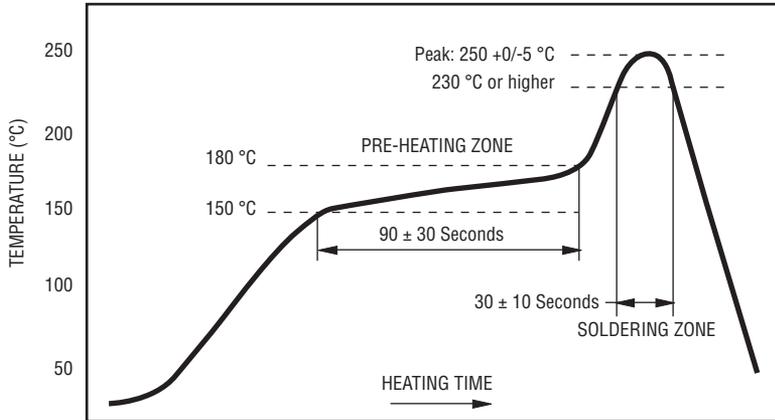


# SinglFuse™ SF-0603S Series Applications

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

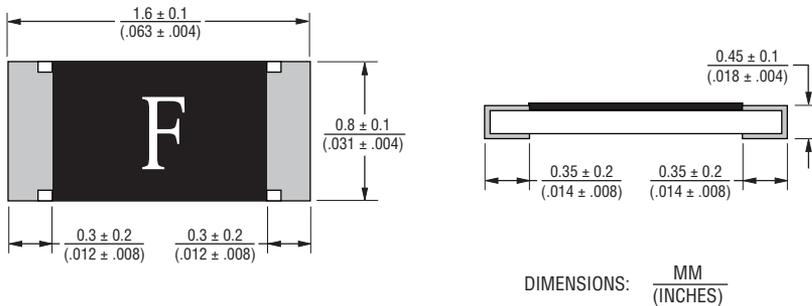
## SF-0603S Series - Slow Blow Surface Mount Fuses BOURNS®

### Solder Reflow Recommendations

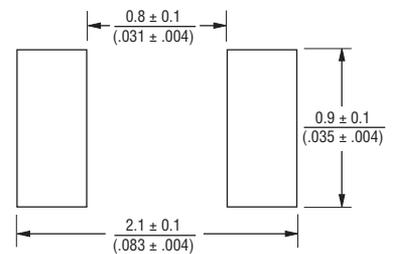


PEAK: 250 +0/-5 °C, 5 seconds  
PRE-HEATING ZONE: 150 to 180 °C, 90 ± 30 seconds  
SOLDERING ZONE: 230 °C or higher, 30 ± 10 seconds

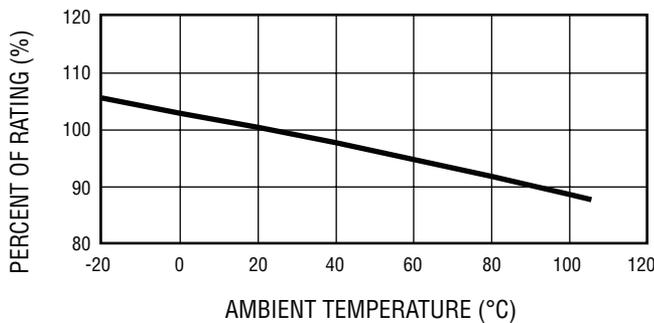
### Product Dimensions



### Recommended Pad Layout



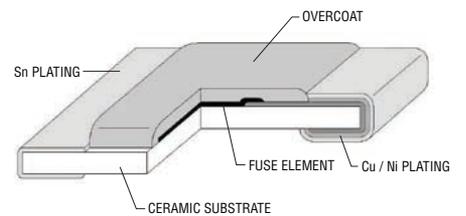
### Thermal Derating Curve



### Packaging Quantity

5,000 pieces per 7-inch reel

### Construction & Material Content

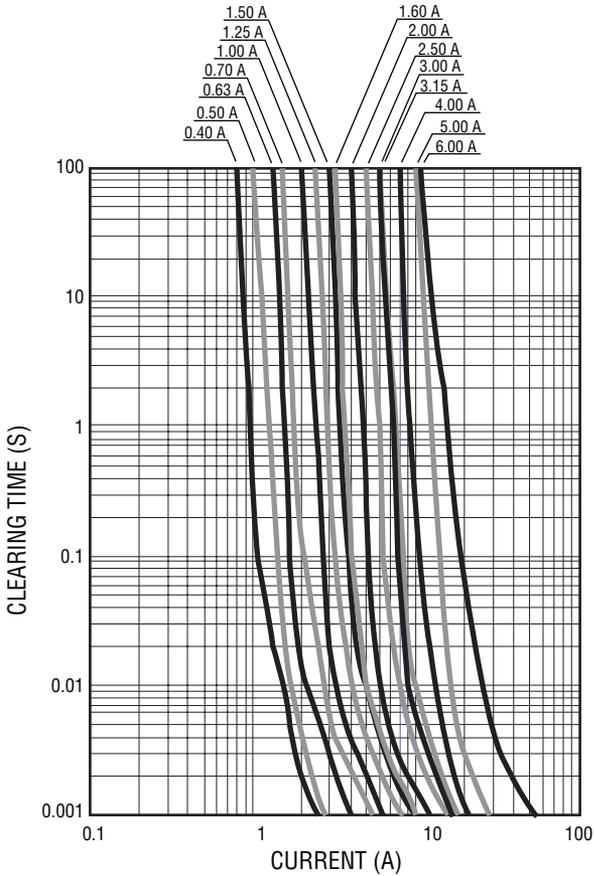


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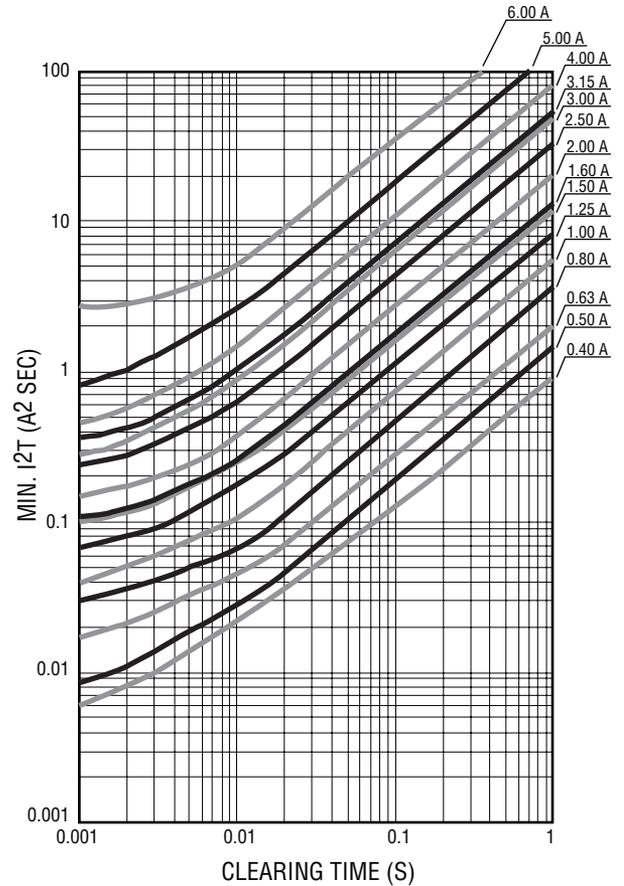
# SF-0603S Series - Slow Blow Surface Mount Fuses



## Average Time Current Curves



## Minimum I<sup>2</sup>T 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)

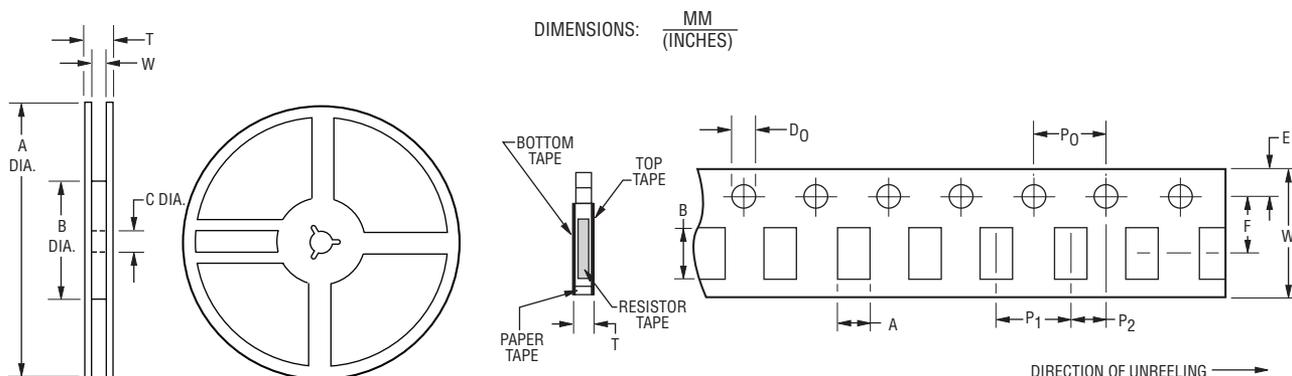
REV. J 01/19

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# SF-0603S Series Tape and Reel Specifications

# BOURNS®

Tape Dimensions	SF-0603S Series 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>	$\frac{1.5 + 0.1/-0}{(.059 + .004/-0)}$
T	$\frac{0.64 \pm 0.1}{(.025 \pm .004)}$
Reel Dimensions	
A	$\frac{180 +0/-3.0}{(7.087 +0/- .118)}$
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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