

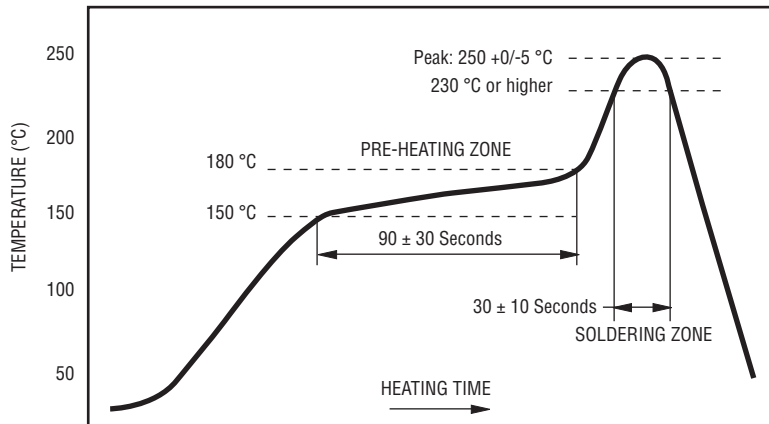
SinglFuse™ SF-0603F Series Applications

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

SF-0603F Series - Fast Acting Surface Mount Fuses

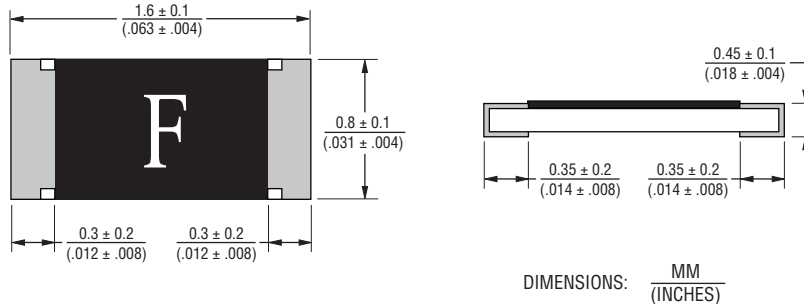
BOURNS®

Solder Reflow Recommendations

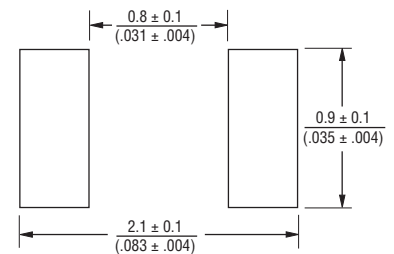


PEAK: 250 +0/-5 °C, 5 seconds
PRE-HEATING ZONE: 150 to 180 °C, 90 ± 30 seconds
SOLDERING ZONE: 230 °C or higher, 30 ± 10 seconds

Product Dimensions



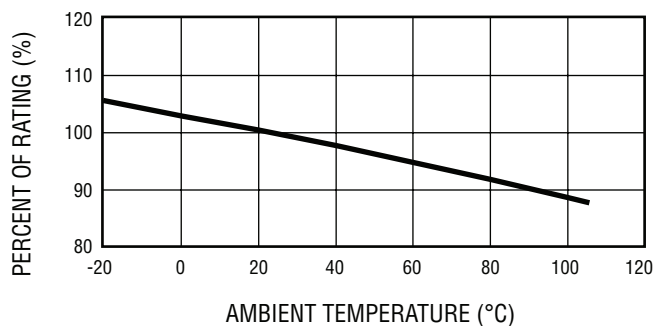
Recommended Pad Layout



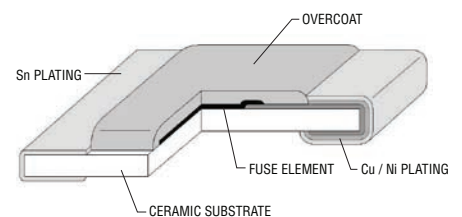
Packaging Quantity

5,000 pieces per 7-inch reel

Thermal Derating Curve



Construction & Material Content



Specifications are subject to change without notice.

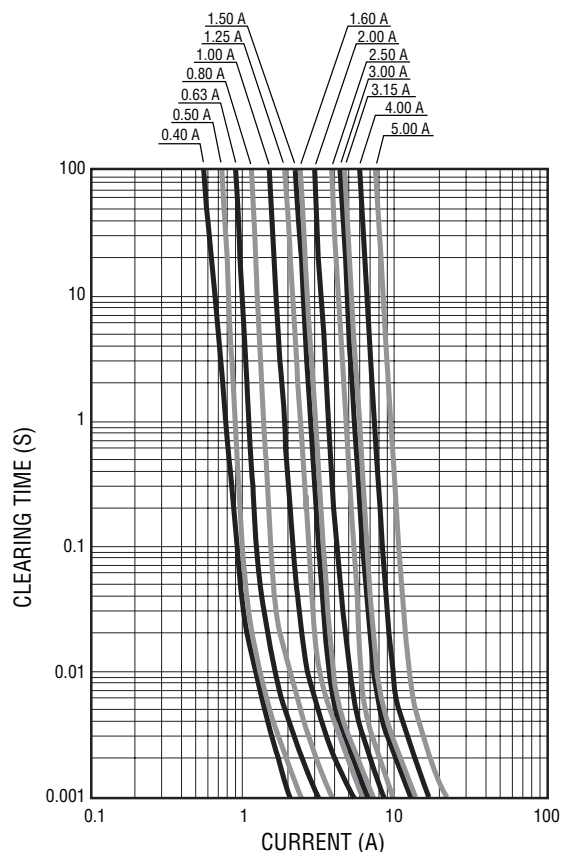
Users should verify actual device performance in their specific applications.

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SF-0603F Series - Fast Acting Surface Mount Fuses

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Average Time Current Curves



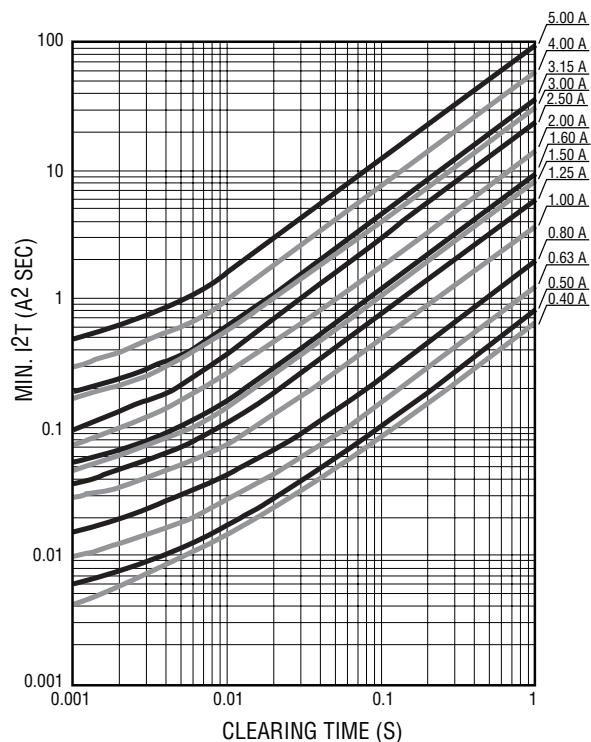
Typical Part Marking

Represents total content. Layout may vary.



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

Minimum I²T V Clear Time Curves



How to Order

SF - 0603 F 040 - 2

SinglFuse™

Product Designator

SMD Footprint
1608 (EIA 0603) size

Fuse Blow Type
F = Fast acting
S = Slow blow

Rated Current
040-500 (400 mA - 5.00 A)

Packaging Type
- 2 = Tape & Reel (5,000 pcs./reel)

REV. K 01/19

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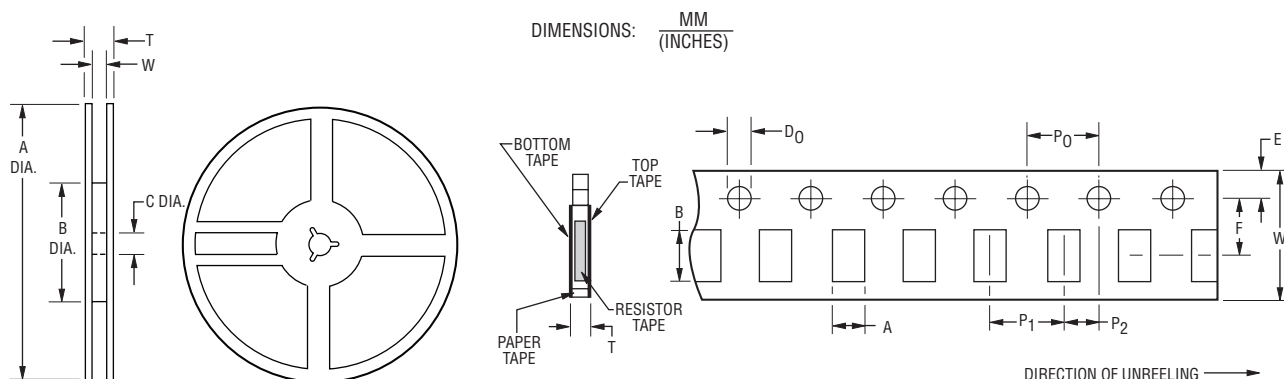
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SF-0603F Series Tape and Reel Specifications

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Tape Dimensions	SF-0603F Series per EIA 481-2
W	$\frac{8.0 \pm 0.2}{(.315 \pm .008)}$
P ₀	$\frac{4.0 \pm 0.1}{(.157 \pm .004)}$
P ₁	$\frac{4.0 \pm 0.1}{(.157 \pm .004)}$
P ₂	$\frac{2.0 \pm 0.05}{(.079 \pm .002)}$
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 ₀	$\frac{1.5 + 0.1/-0}{(.059 + .004/-0)}$
T	$\frac{0.64 \pm 0.1}{(.025 \pm .004)}$
Reel Dimensions	
A	$\frac{180 +0/-3.0}{(7.087 +0/-0.118)}$
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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