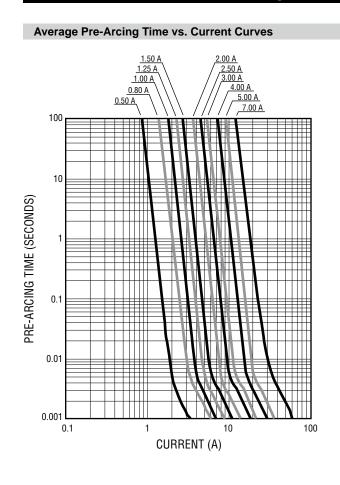
SinglFuse™ SF-1206F Series Applications

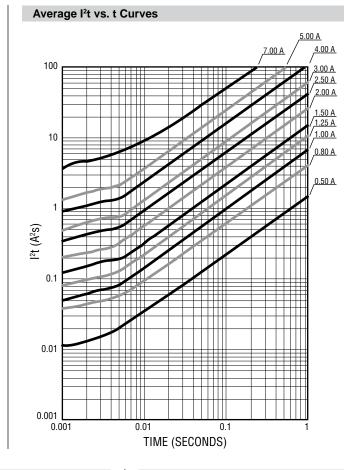
- Portable memory
- LCD monitors
- Disk drives
- PDAs
- Digital cameras
- DVDs

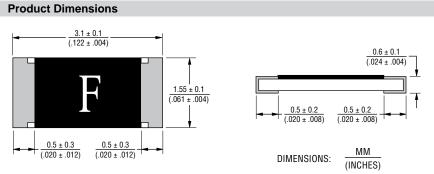
- Cell phones
- Rechargeable battery packs
- Battery chargers
- Set top boxes
- Industrial controllers

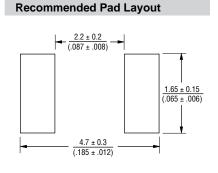
SF-1206F Series - Fast Acting Surface Mount Fuses

FOURNS®









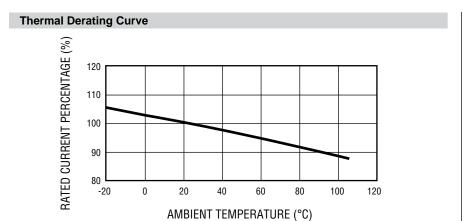
Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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SF-1206F Series - Fast Acting Surface Mount Fuses

BOURNS



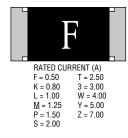
How to Order	
	SF-1206 F 050 - 2
SinglFuse™ Product Designator ————————————————————————————————————	
SMD Footprint	
Fuse Blow Type F = Fast acting	
Rated Current — 050-700 (500 mA - 7.00 A)	
Packaging Type	

Packaging

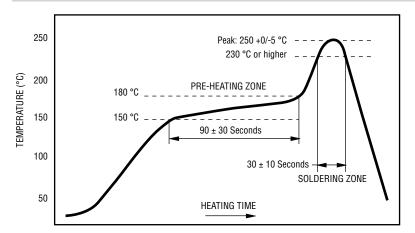
Reel Dimension	7-inch Tape and Reel	
Specification	EIA 481-2	
Quantity	5,000 pieces	
Packaging Code	-2	

Typical Part Marking

Represents total content. Layout may vary.



Solder Reflow Recommendations



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

SF-1206F Series - Fast Acting Surface Mount Fuses

Reliability Testing

No.	Test	Requirement	Test Condition
1	Carrying Capacity	No fusing	Rated current, 4 hours
2	Fusing Time	Within 1 minute	200 % of its rated current
3	Interrupting Ability	No mechanical damages	After the fuse is interrupted, rated voltage applied for 30 seconds again
4	Bending Test	No mechanical damages	Distance between holding points: 90 mm, Bending: 3 mm, 1 time, 30 seconds
5	Resistance to Solder Heat	±20 %	260 °C ±5 °C,10 seconds ±1 second
6	Solderability	95 % coverage minimum	235 °C ±5 °C, 2 ±0.5 second 245 °C ±5 °C, 2 ±0.5 second (lead free)
7	Temperature Rise	<75 °C	100 % of its rated current, measure of surface temperature
8	Resistance to Dry Heat	±20 %	105 °C ±5 °C, 1000 hours
9	Resistance to Solvent	No evident damage on protective coating and marking	23 °C ±5 °C of isopropyl alcohol, 90 seconds
10	Residual Resistance	10k ohms or more	Measure DC resistance after fusing
11	Thermal Shock	ΔR < 10 %	-20 °C / +25 °C /+125 °C /+25 °C, 10 cycles

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REV. J 04/21

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