

SolidMatrix® 1206 Slow Blow Surface Mount Fuses

NEW!

Features:

- High inrush current withstanding capability
- Multilayer monolithic structure with glass ceramic body and silver fusing element
- Sliver termination with nickel and pure-tin solder plating, providing excellent solderability
- Compatible with both wave and reflow soldering processes
- Operating temperature range: -55°C + 125°C (with de-rating)
- RoHS compliant



Clear-Time Characteristics (Slow Blow):

% of current rating		Clear-time at 25 °C	
100%	4 hours (Min)		
200%	1 second (Min)	120 seconds (Max)	
300%	0.1 seconds (Min)	3 seconds (Max)	
800%	0.002 seconds (Min)	0.05 seconds (Max)	

Agency Approval: Recognized Under the Components Program of Underwriters Laboratories, File Number: E232989

Patents: U.S. Patent numbers 6,034,589, 6,228,230, 6,602,766, and other pending patents

Interrupting Ratings:

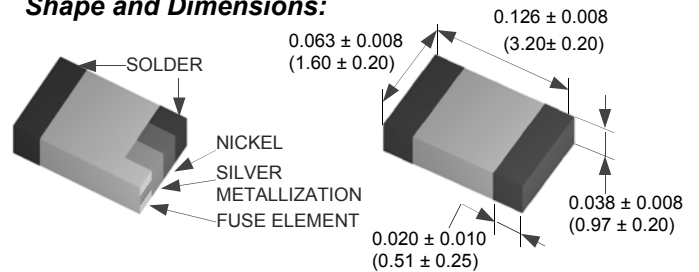
1A-5.5A 50A at rated voltages
6A-8A 60A at rated voltage

Ordering Information:

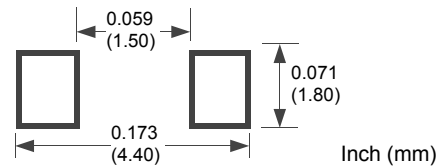
Part Number	Current Rating (A)	Voltage Rating (VDC)	Nominal Cold DCR (Ω) ¹	Nominal I^2t (A^2s) ²
F1206SB1000V063T	1.0	63	0.360	0.11
F1206SB1250V063T	1.25	63	0.200	0.22
F1206SB1500V063T	1.5	63	0.150	0.23
F1206SB2000V063T	2.0	63	0.082	0.63
F1206SB2500V032T	2.5	32	0.070	0.90
F1206SB3000V032T	3.0	32	0.032	1.20
F1206SB3500V032T	3.5	32	0.028	1.60
F1206SB4000V032T	4.0	32	0.024	2.20
F1206SB4500V032T	4.5	32	0.020	3.60
F1206SB5000V032T	5.0	32	0.016	5.30
F1206SB5500V024T	5.5	24	0.014	6.40
F1206SB6000V024T	6.0	24	0.011	8.50
F1206SB7000V024T	7.0	24	0.010	10.0
F1206SB8000V024T	8.0	24	0.009	16.9

1. Measured at 10% of rated current and 25°C ambient
2. Melting I^2t at 0.001 sec clear-time

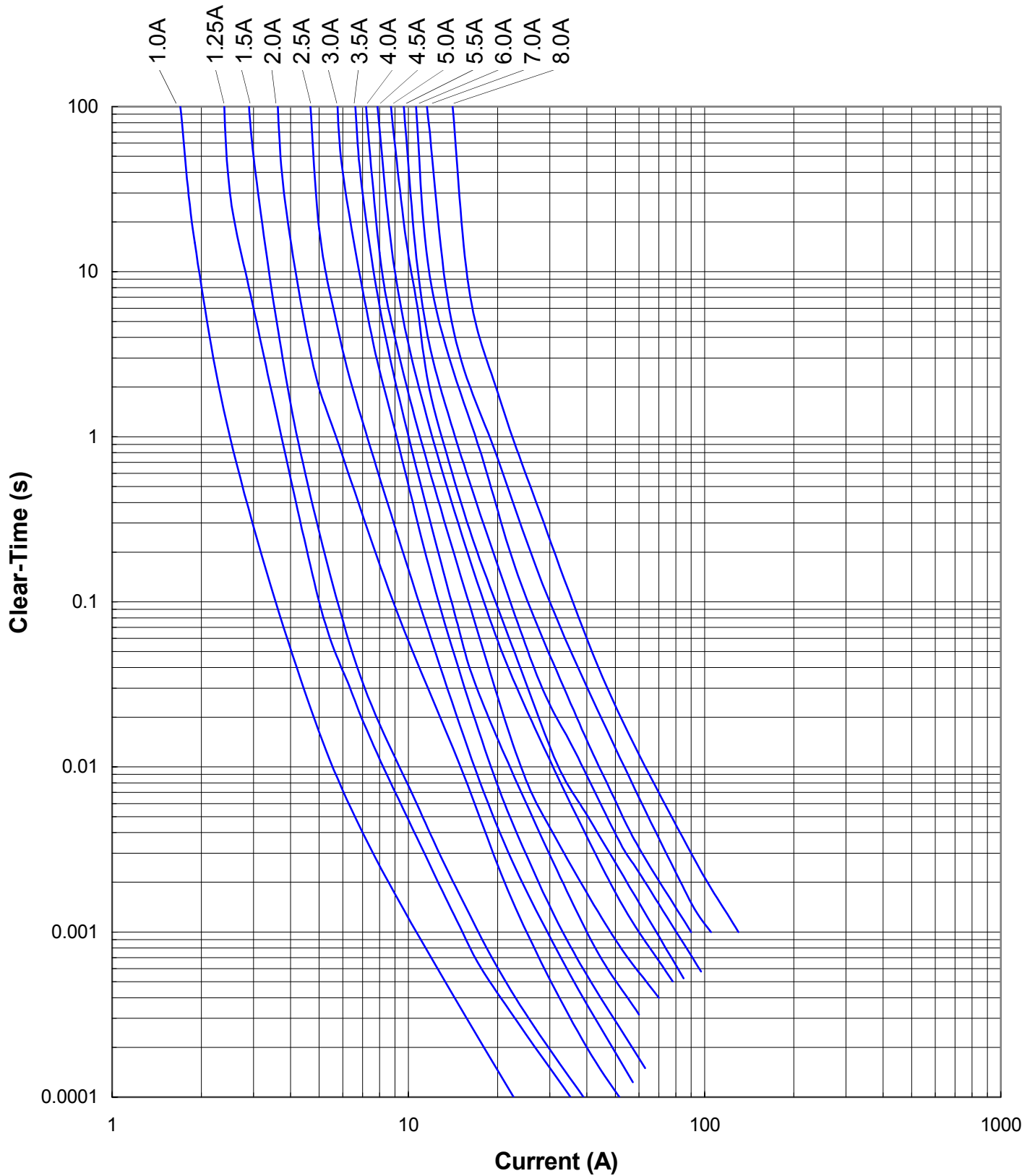
Shape and Dimensions:



Recommended Land Pattern:



SolidMatrix® 1206 Slow Blow Surface Mount Fuses

NEW!
Average Clear-Time Curves


SolidMatrix® 1206 Slow Blow Surface Mount Fuses
NEW!
 I^2t vs. t Curves
