SolidMatrix® 1206 Slow Blow Surface Mount Fuses

Features:

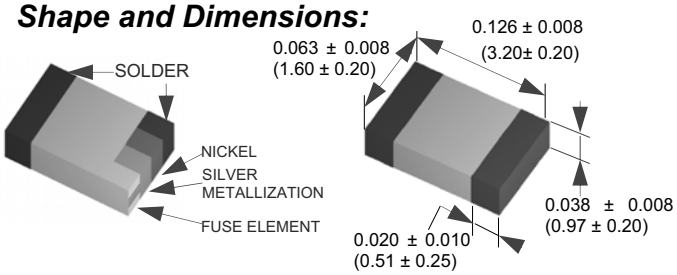
- High inrush current withstanding capability
- Multilayer monolithic structure with glass ceramic body and silver fusing element
- Silver termination with nickel and pure-tin solder plating, providing excellent solderability
- Standard EIA1206/EIAJ3216 size
- Compatible with both wave and reflow soldering processes
- Operating temperature range: -55°C to +125°C (with de-rating)
- RoHS compliant



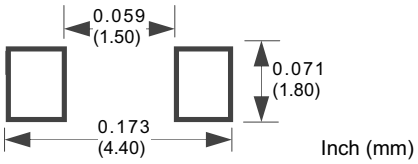
Clearing Time Characteristics (Slow Blow):

% of current rating	Clearing 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.

Shape and Dimensions:



Recommended Land Pattern:



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

Patents: U.S. Patent numbers 6,034,589; 6,602,766; 7,268,661 B2; and other pending patents.

Interrupting Ratings:

1.0 A - 5.5 A 50 A at rated voltages
6.0 A - 8.0 A 60 A at rated voltage

Marking (Optional): Red Marking Character Code
1.0 A:E, 1.25 A:F, 1.5 A:G, 2.0 A:I, 2.5 A:J, 3.0 A:K, 3.5 A:L, 4.0 A:M, 4.5 A:T, 5.0 A:N, 5.5 A:U, 6.0 A:O, 7.0 A:P, 8.0 A:R

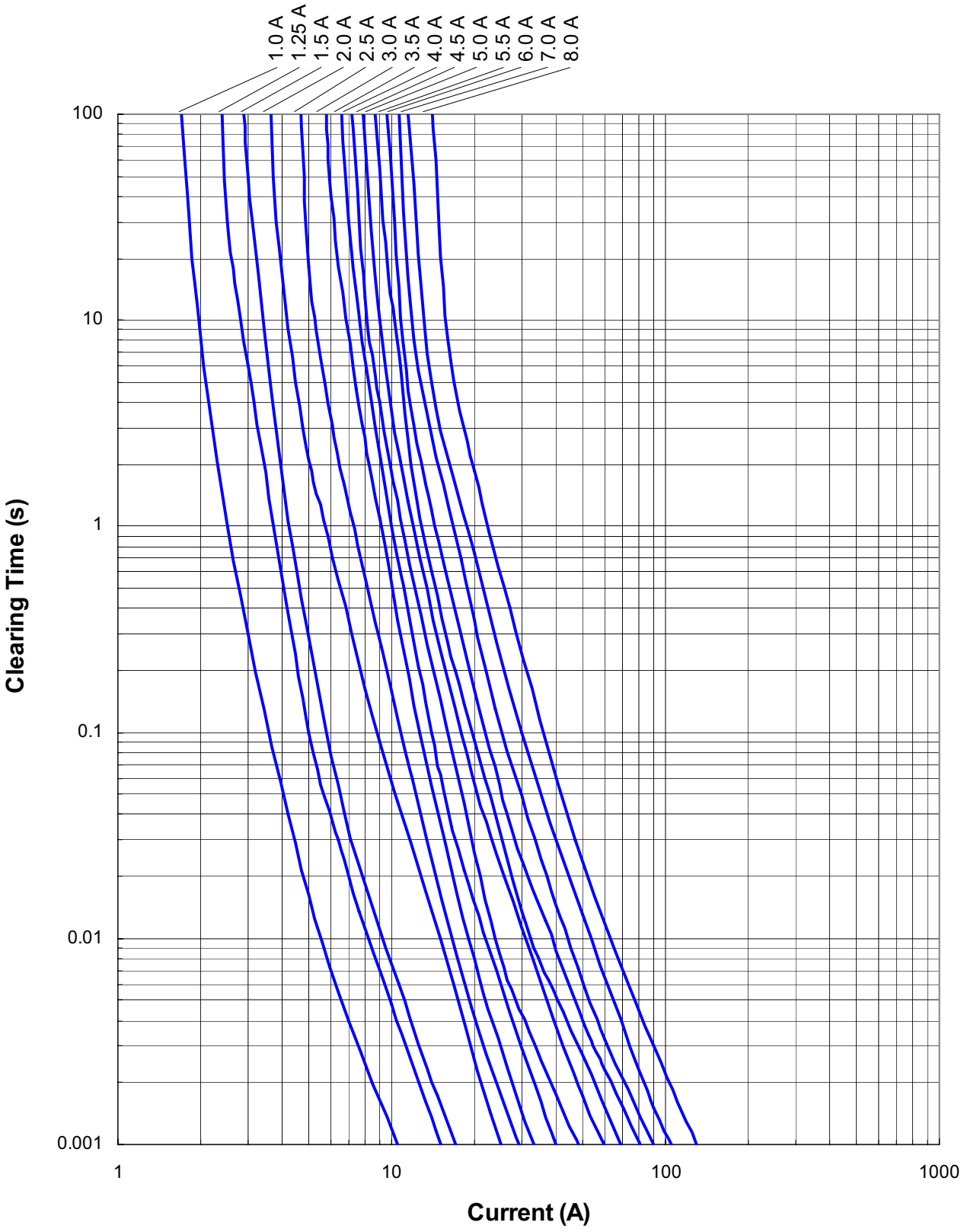
Ordering Information:

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	0.088	0.63
F1206SB2500V032T	2.5	32	0.065	0.90
F1206SB3000V032T	3.0	32	0.034	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	0.018	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 25ºC ambient
2. Melting I^2t at 0.001 second clearing time

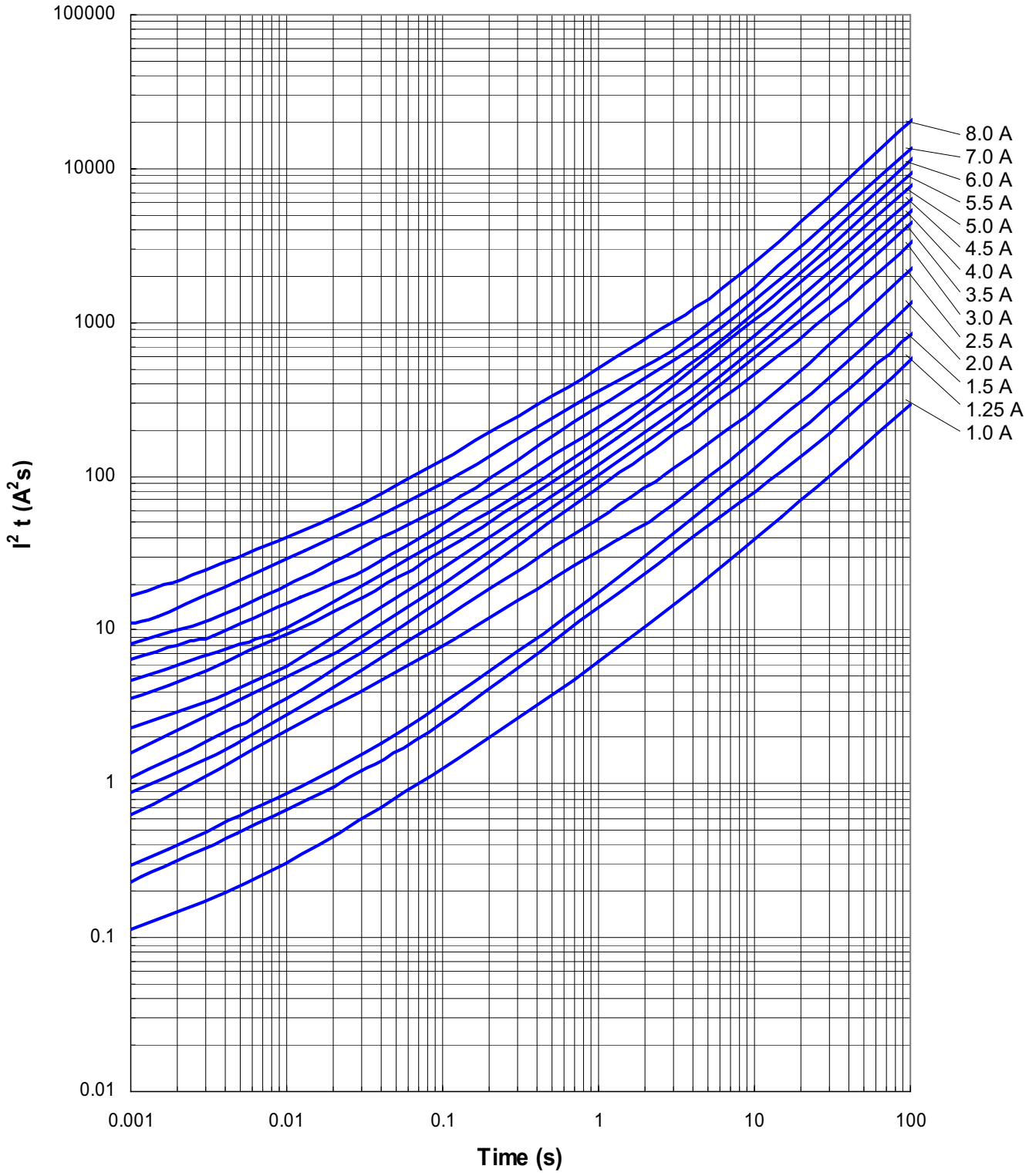
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Average Clearing Time Curves



SolidMatrix® 1206 Slow Blow Surface Mount Fuses

Average I^2t vs. t Curves



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

AEM:

F1206SB1000V063T F1206SB1250V063T F1206SB1500V063T F1206SB2000V063T F1206SB2500V032T F1206SB3000V032T F1206SB3500V032T F1206SB4000V032T F1206SB4500V032T F1206SB5000V032T F1206SB5500V024T F1206SB6000V024T F1206SB7000V024T F1206SB8000V024T