SolidMatrix® 0402 Fast Acting Surface Mount Fuses

Features:

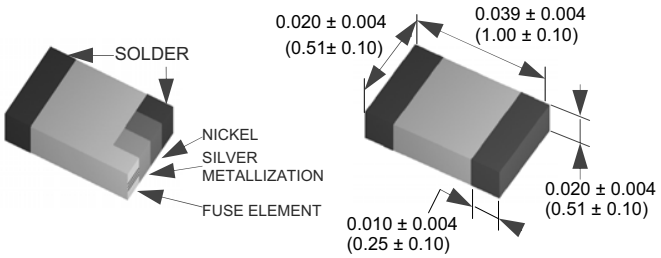
- Multilayer monolithic structure with glass ceramic body and silver fusing element
- Silver termination with nickel and pure-tin solder plating, providing excellent solderability
- Standard EIA0402/EIAJ1005 size
- Compatible with both wave and reflow soldering processes
- Operating temperature range: -55°C to +125°C (with de-rating)
- RoHS compliant



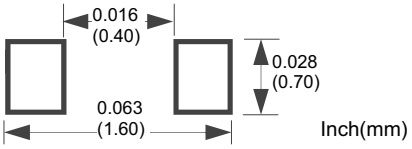
Clearing Time Characteristics (Fast Acting):

% of current rating	Clearing time at 25°C
100 %	4 hours min.
250 %	5 seconds max.
400 %	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:

35 A at rated voltage

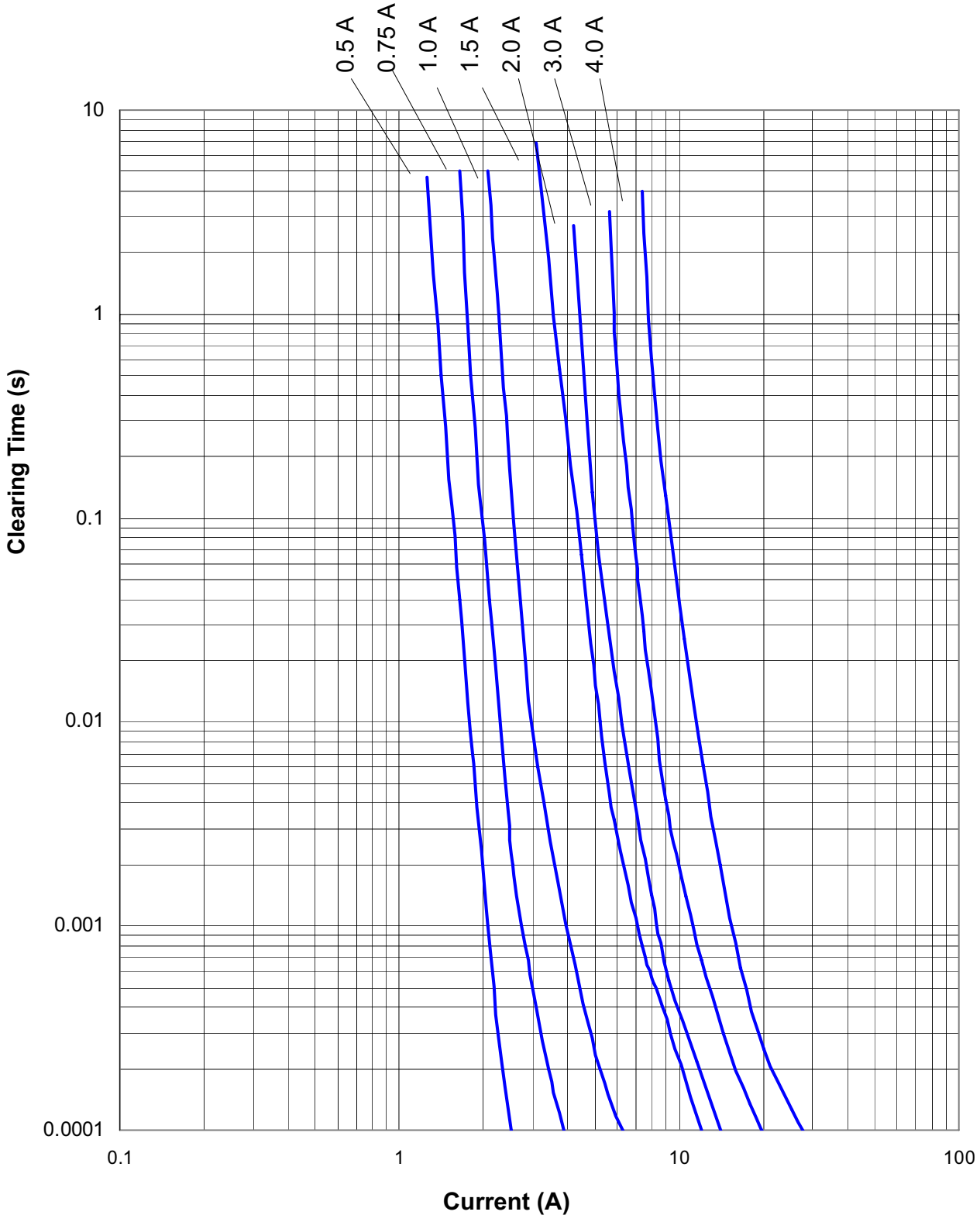
Ordering Information:

Part Number	Current Rating (A)	Voltage Rating (VDC)	Nominal Cold DCR (Ω)[1]
F0402FA0500V024T	0.5	24	0.380
F0402FA0750V024T	0.75	24	0.210
F0402FA1000V024T	1.0	24	0.120
F0402FA1500V024T	1.5	24	0.056
F0402FA2000V024T	2.0	24	0.035
F0402FA3000V024T	3.0	24	0.021
F0402FA4000V024T	4.0	24	0.014

1. Measured at ≤ 10% rated current and 25°C ambient.

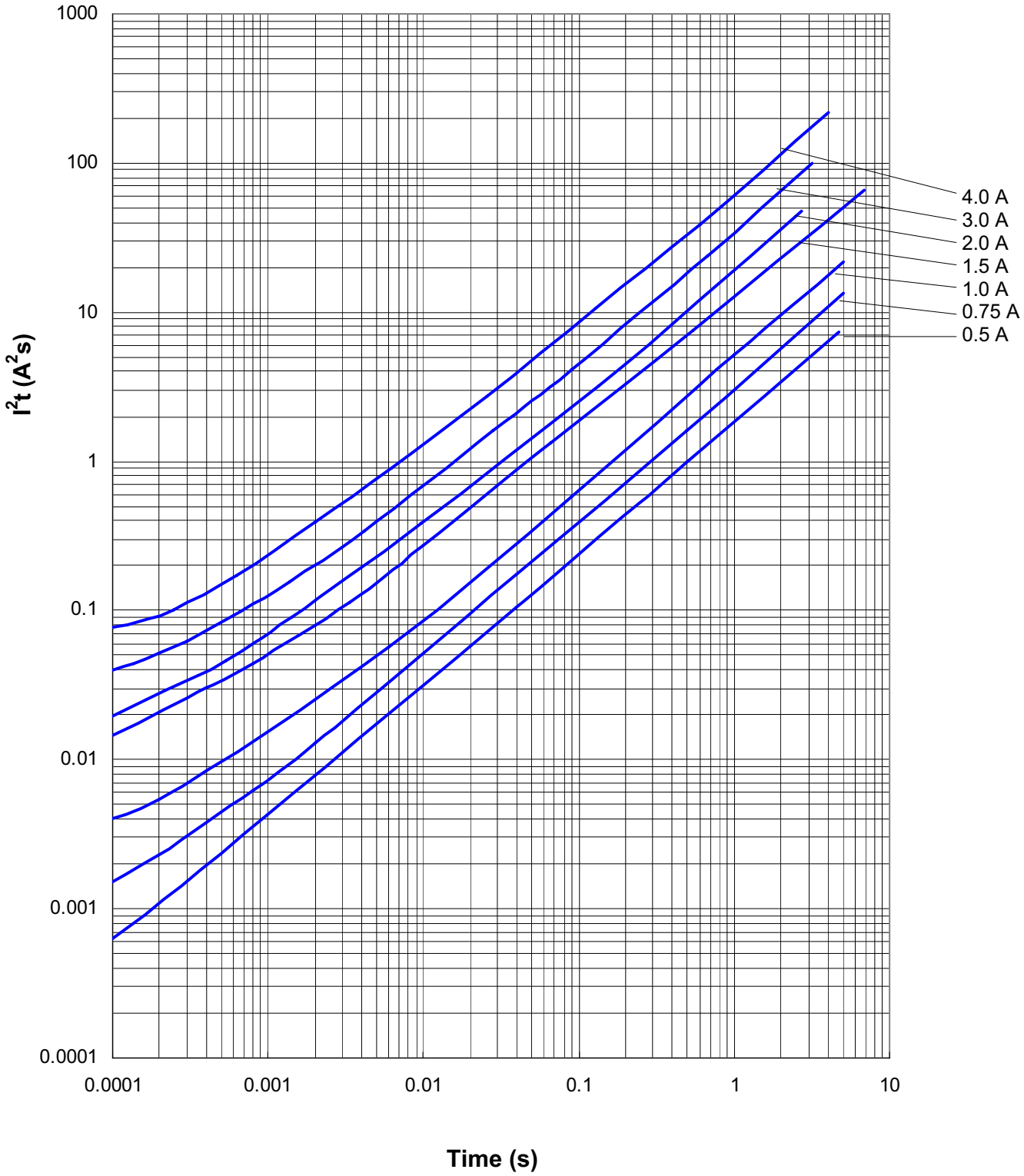
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Average Clearing Time Curves



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Average I^2t vs. t Curves



Mouser Electronics

Authorized Distributor

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

AEM:
F0402FA0500V024T F0402FA0750V024T F0402FA1000V024T F0402FA1500V024T F0402FA2000V024T F0402FA3000V024T F0402FA4000V024T