SolidMatrix® 1206 High Current Rating Fast Acting Surface Mount Fuses

Features:

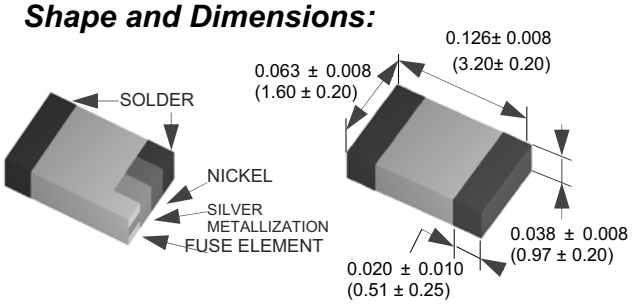
- Special products for high current rating applications
- Glass ceramic monolithic structure
- Silver fusing element and silver termination with nickel and tin plating
- RoHS compliant and lead-free materials
- Superior arc suppression capability
- High current ratings
- Symmetrical design with marking on both sides (optional)
- Operating temperature range: -55°C to 125°C (with de-rating)



Clearing Time Characteristics:

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

Shape and Dimensions:



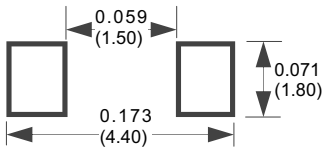
Agency Approval:

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

Patents:

U.S. Patent numbers 6,034,589; 6,602,766; 6,844,278; and other pending patents

Recommended Land Pattern:



Inch (mm)

Interrupting Rating:

100 A at rated voltage

Marking (Optional): Black Marking Character Code

10 A:Q, 12 A:X, 15 A:Y, 20 A:Z

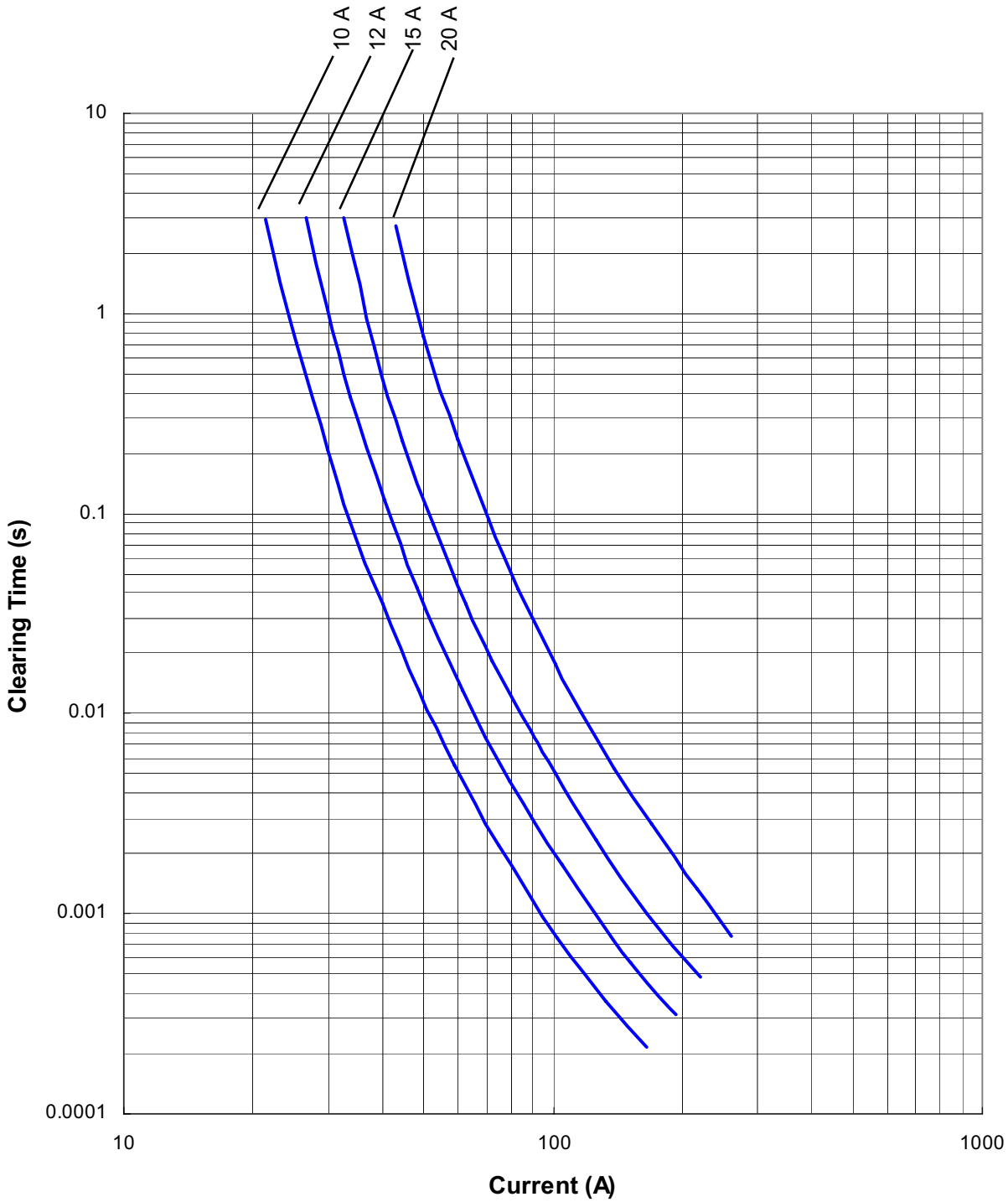
Ordering Information:

Part Number	Current Rating (A)	Voltage Rating (VDC)	Nominal Cold DCR (Ω)[1]	Nominal I^2t $(A^2s)^2$
F1206HA10V024T	10	24	0.010	9
F1206HA12V024T	12	24	0.008	14
F1206HA15V024T	15	24	0.005	26
F1206HA20V024T	20	24	0.003	56

1. Measured at ≤ 10 % rated current and 25ºC ambient.
2. Melting I^2t at 0.001 second clearing time

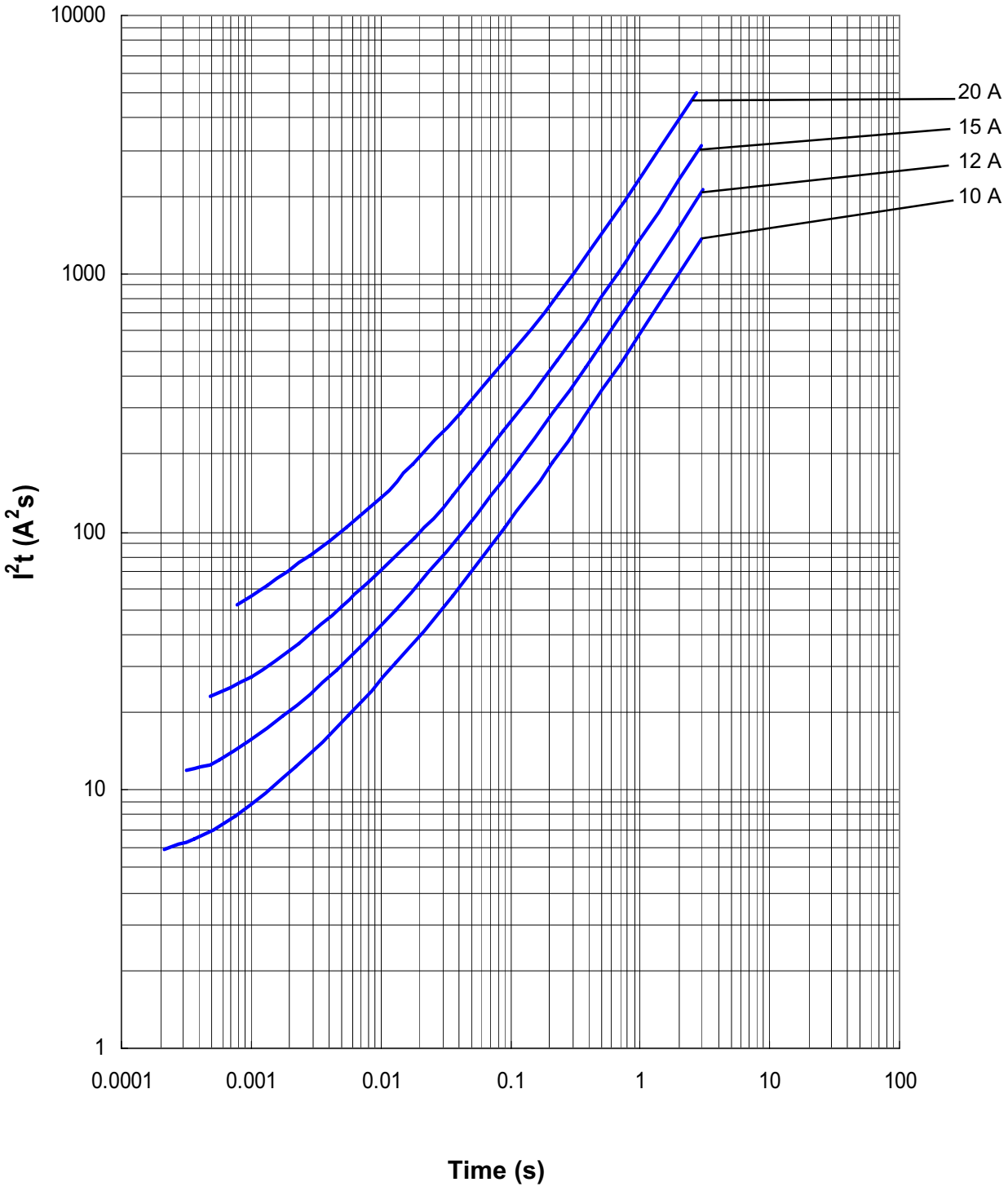
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Average Clearing Time Curves



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Average I ^{2}t vs. t Curves



Mouser Electronics

Authorized Distributor

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

AEM:

F1206HA10V024T F1206HA12V024T F1206HA15V024T F1206HA20V024T