

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)



Clear-Time Characteristics:

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

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

Interrupting Rating:

100A at rated voltage

Marking (Optional): Black Marking Character Code

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

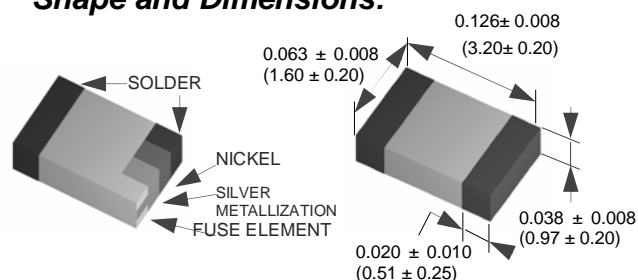
Ordering Information:

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

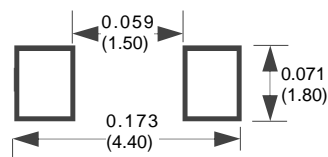
1. Measured at $\leq 10\%$ rated current and 25°C ambient.

2. Melting I^2t at 0.001 second clear-time

Shape and Dimensions:

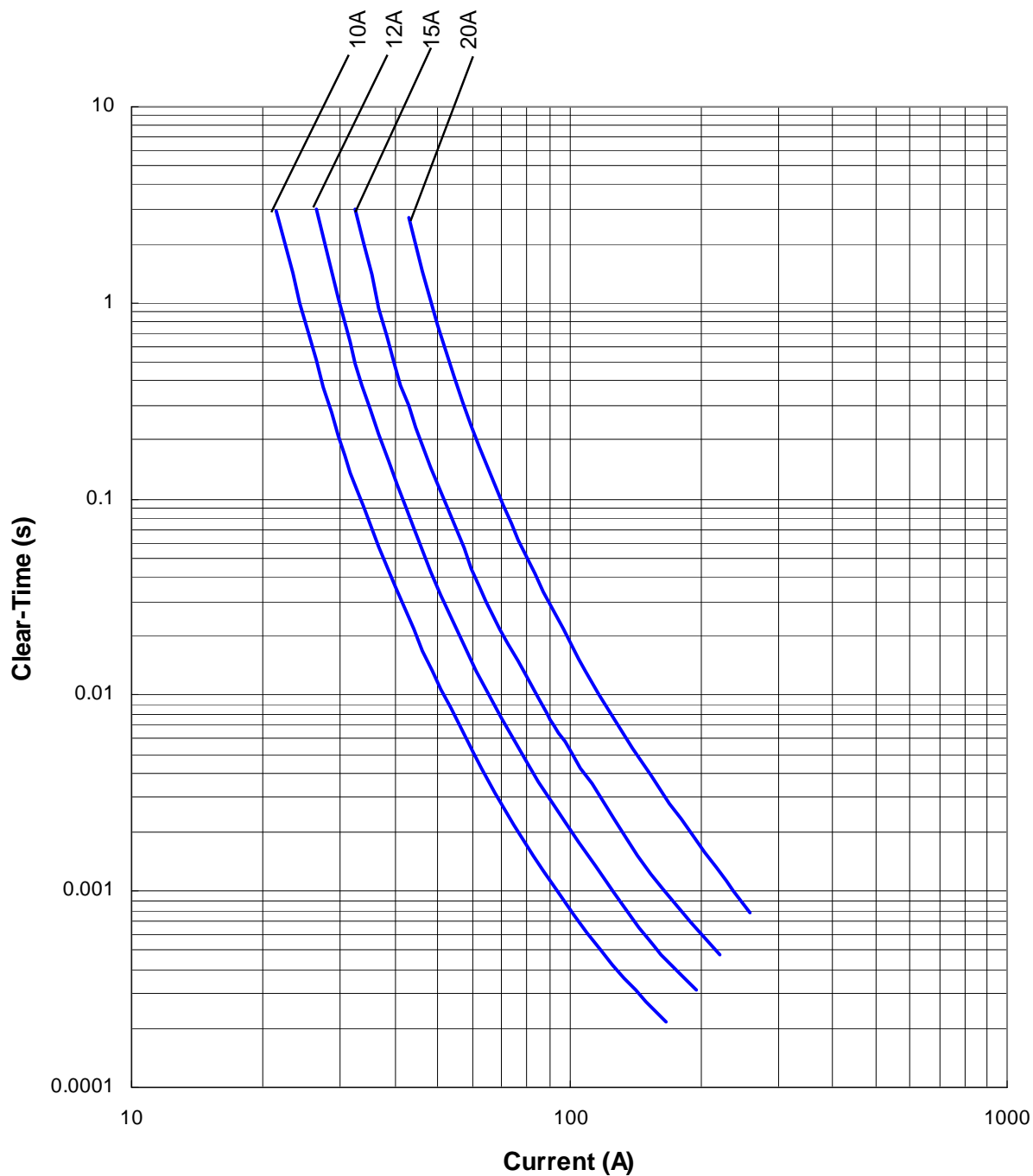


Recommended Land Pattern:



Inch (mm)

Average Clear-Time Curves



Average I^2t vs. t Curves

