

# 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.

**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:

100 A at rated voltage

## Marking (Optional):

 Black Marking Character Code

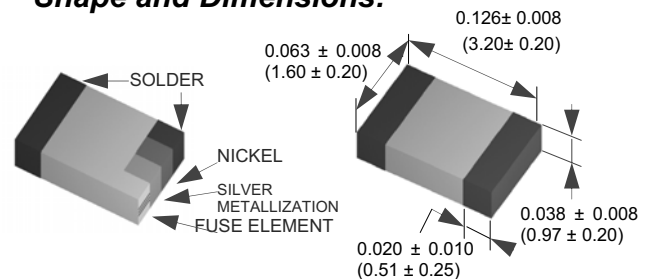
10 A:Q, 12 A:X, 15 A:Y, 20 A:Z

## Ordering Information:

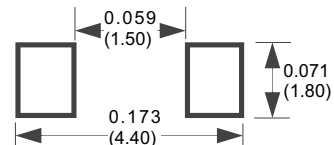
Part Number	Current Rating (A)	Voltage Rating (VDC)	Nominal Cold DCR ( $\Omega$ ) <sup>1</sup>	Nominal I <sup>2</sup> t (A <sup>2</sup> s) <sup>2</sup>
F1206HA10V024T	10	24	0.010	9
F1206HA12V024T	12	24	0.008	14
F1206HA15V024T	15	24	0.005	26
F1206HA20V024T	20	24	0.003	56

1. Measured at  $\leq 10\%$  rated current and 25°C ambient.  
 2. Melting I<sup>2</sup>t at 0.001 second clearing time

## Shape and Dimensions:

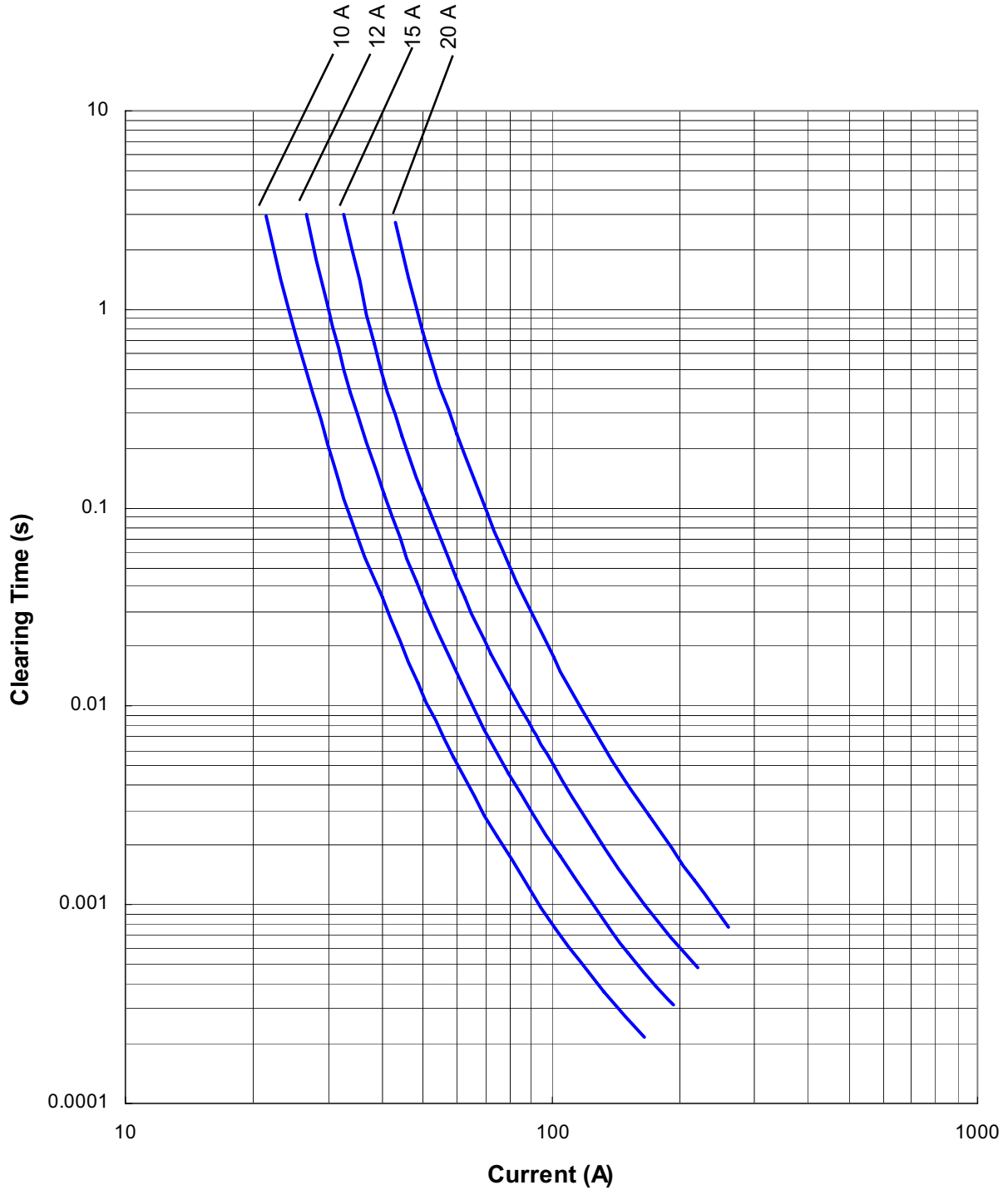


## Recommended Land Pattern:



Inch (mm)

Average Clearing Time Curves



Average  $I^2t$  vs. t Curves

