

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; 6,228,230; 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

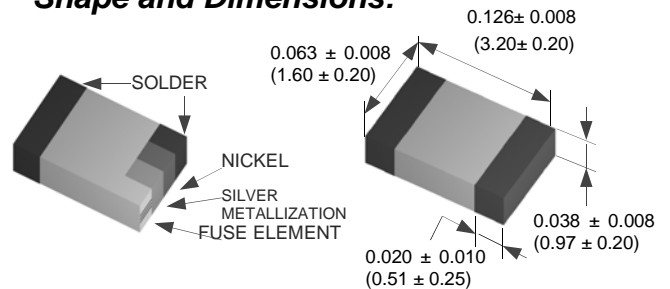
Ordering Information:

| Part Number | Current Rating (A) | Voltage Rating (VDC) | Nominal Cold DCR (Ω) ¹ | Nominal I ² t (A ² s) 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 |

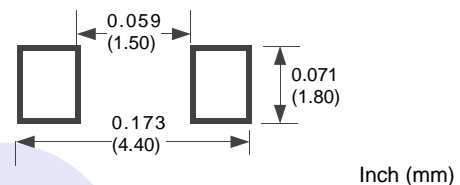
1. Measured at $\leq 10\%$ rated current and 25°C ambient.

2. Melting I²t at 0.001 second clear-time

Shape and Dimensions:



Recommended Land Pattern:

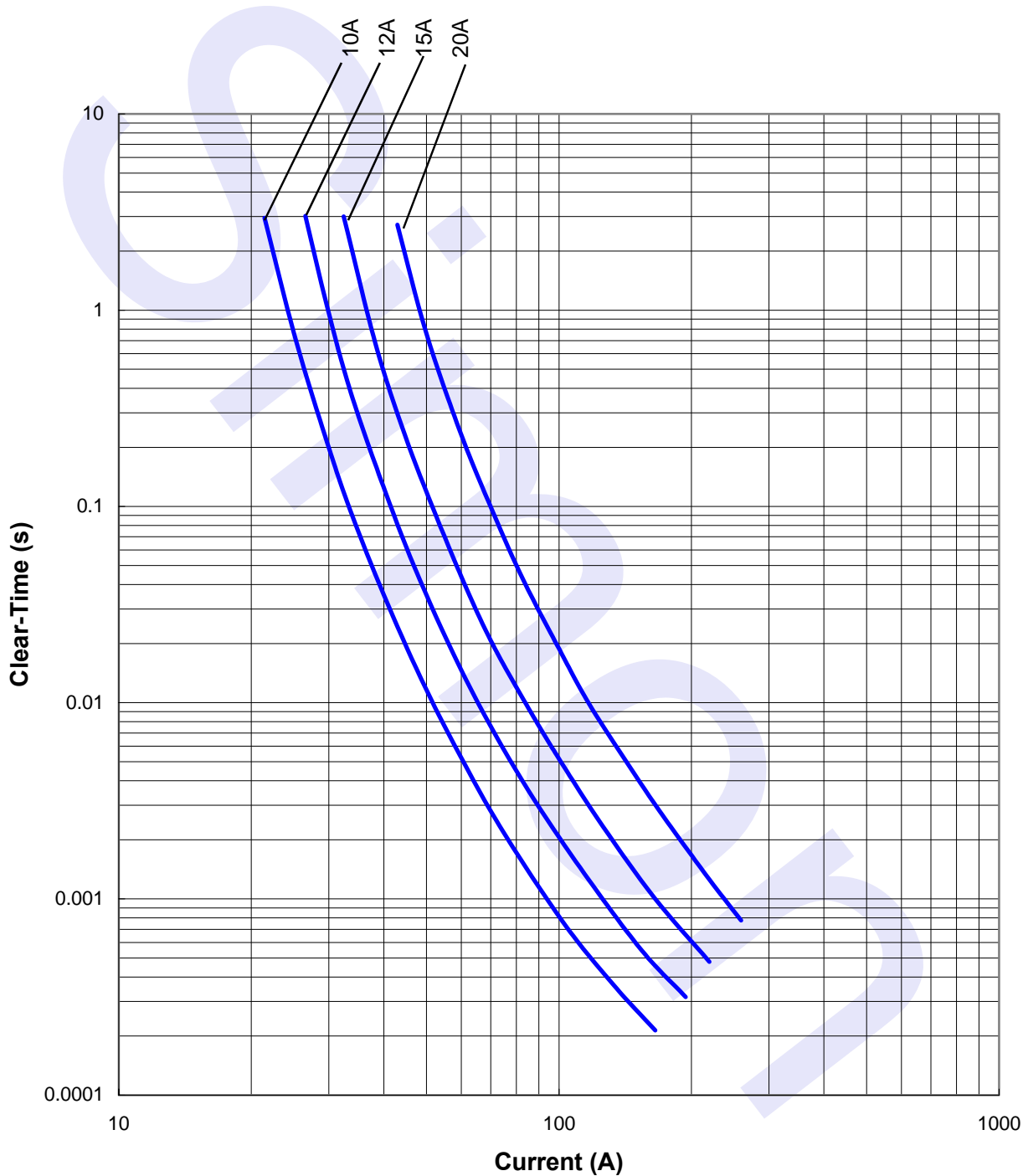


Inch (mm)

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Average Clear-Time Curves



Average I^2t vs. t Curves

