

SolidMatrix® Surface Mount Fuses

High Current Rating (HA) Series, 1206 Size



Features:

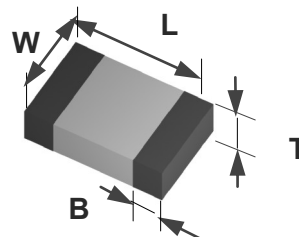
- Special products for high current rating applications
- Glass ceramic monolithic structure
- Silver fusing element and silver termination with nickel and tin plating
- Superior arc suppression capability
- High current ratings
- Symmetrical design with marking on both sides (optional)
- Operating temperature 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:

Unit	Inch	mm
L	0.126 ± 0.008	3.20 ± 0.20
W	0.063 ± 0.008	1.60 ± 0.20
T	0.038 ± 0.008	0.97 ± 0.20
B	0.020 ± 0.010	0.51 ± 0.25



Agency Approval:

Recognized Under the Components Program of UL.
File Number: E232989.

Patents:

Patent numbers "US6,034,589", "US6,602,766", "US6,844,278",
"ZL00134544.3", "ZL02114719.1", "ZL200810130656.X",
"ZL201020551360.8", "ZL201010299185.2",
"ZL201220030614.0", "ZL201210020693.1".

Ordering Information:

Part Number	Current Rating (A)	Voltage Rating (VDC)	Interrupting Ratings	Nominal Cold DCR(Ω) ¹	Nominal I ² t (A ² s) ²	Marking (Optional) ³
F1206HA10V024T	10	24	100 A at rated voltage	0.010	9	Q
F1206HA12V024T	12	24		0.008	14	X
F1206HA15V024T	15	24		0.005	26	Y
F1206HA20V024T	20	24		0.003	56	Z

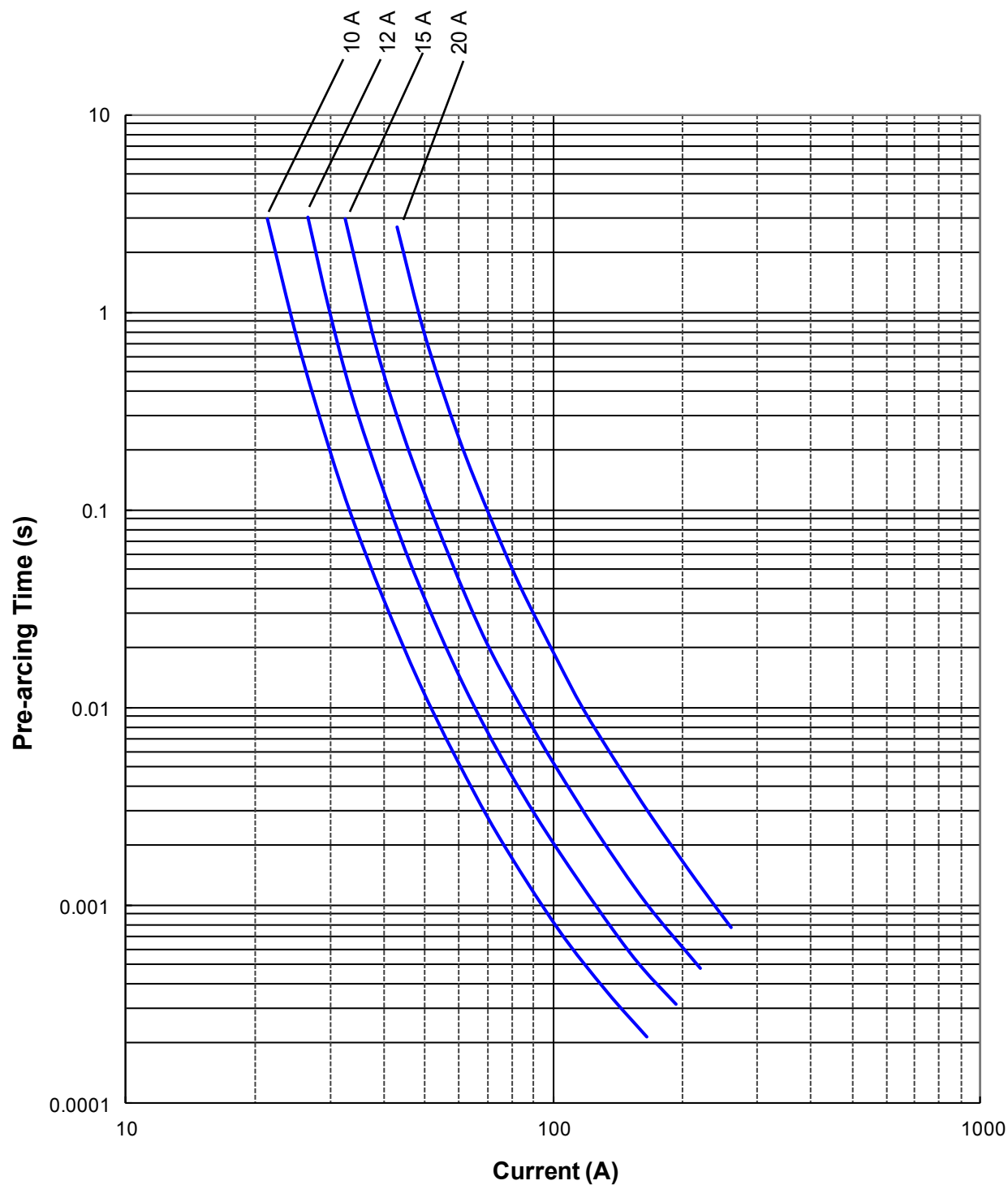
1. Measured at ≤ 10% rated current and 25°C ambient.

2. Melting I²t at 0.001 second pre-arcing time.

3. Black Marking Character Code.

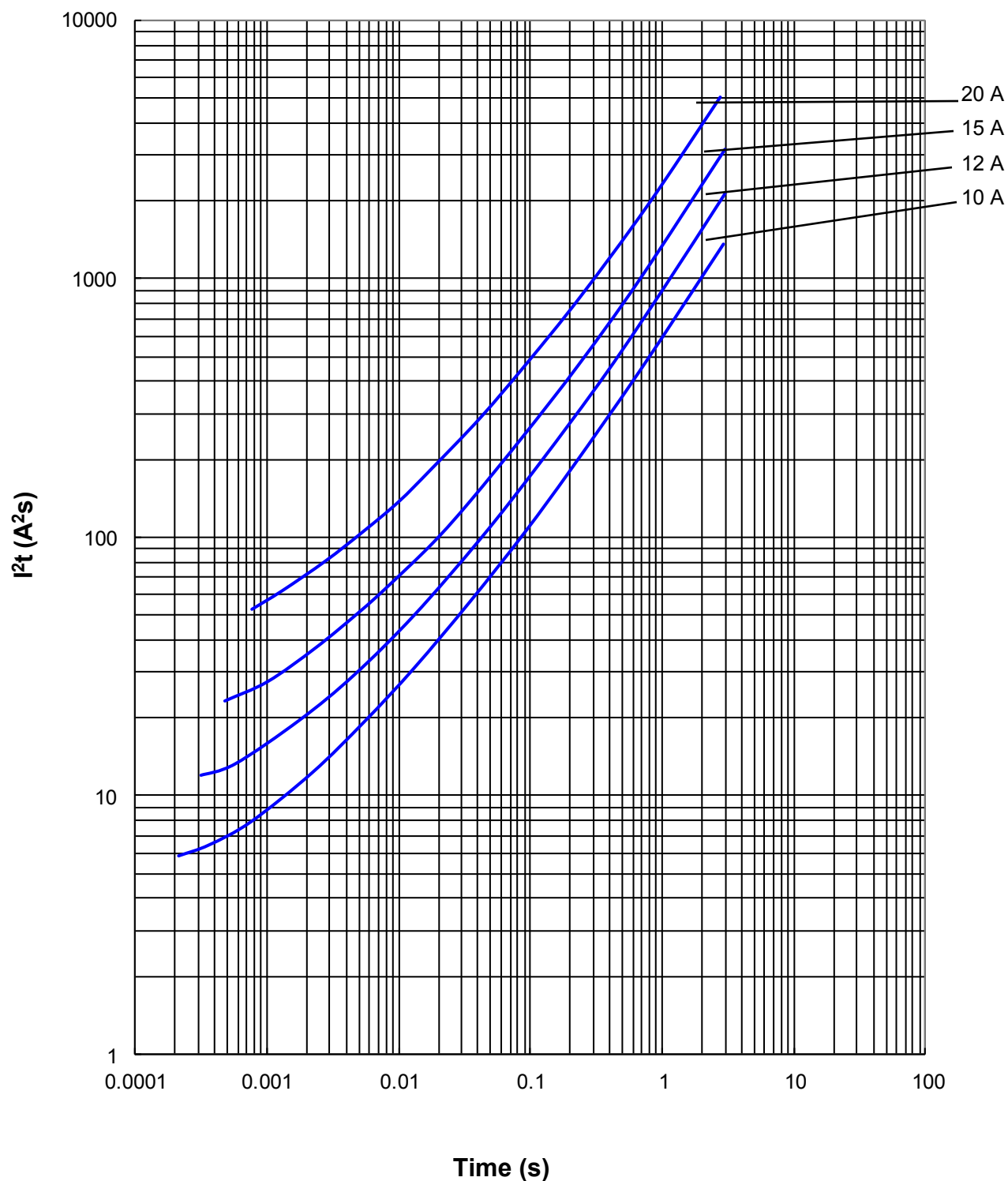
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Average Pre-arcing Time Curves:



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Average I^2t vs. t Curves:



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