

SolidMatrix® Surface Mount Fuses

HB Series (High Current), 1206 Size



Features:

- Special products for high current rating applications
- Higher current ratings and excellent inrush current withstanding capability (high I^2t)
- Glass ceramic monolithic structure
- Silver fusing element and silver termination with nickel and tin plating
- Superior arc suppression capability
- 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.
350%	5 seconds max.

Agency Approval:

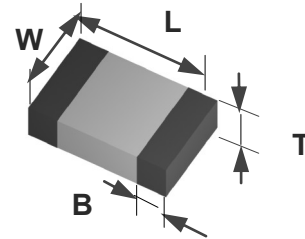
Recognized Under the Components Program of UL.
File Number: E232989.

Patents:

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

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



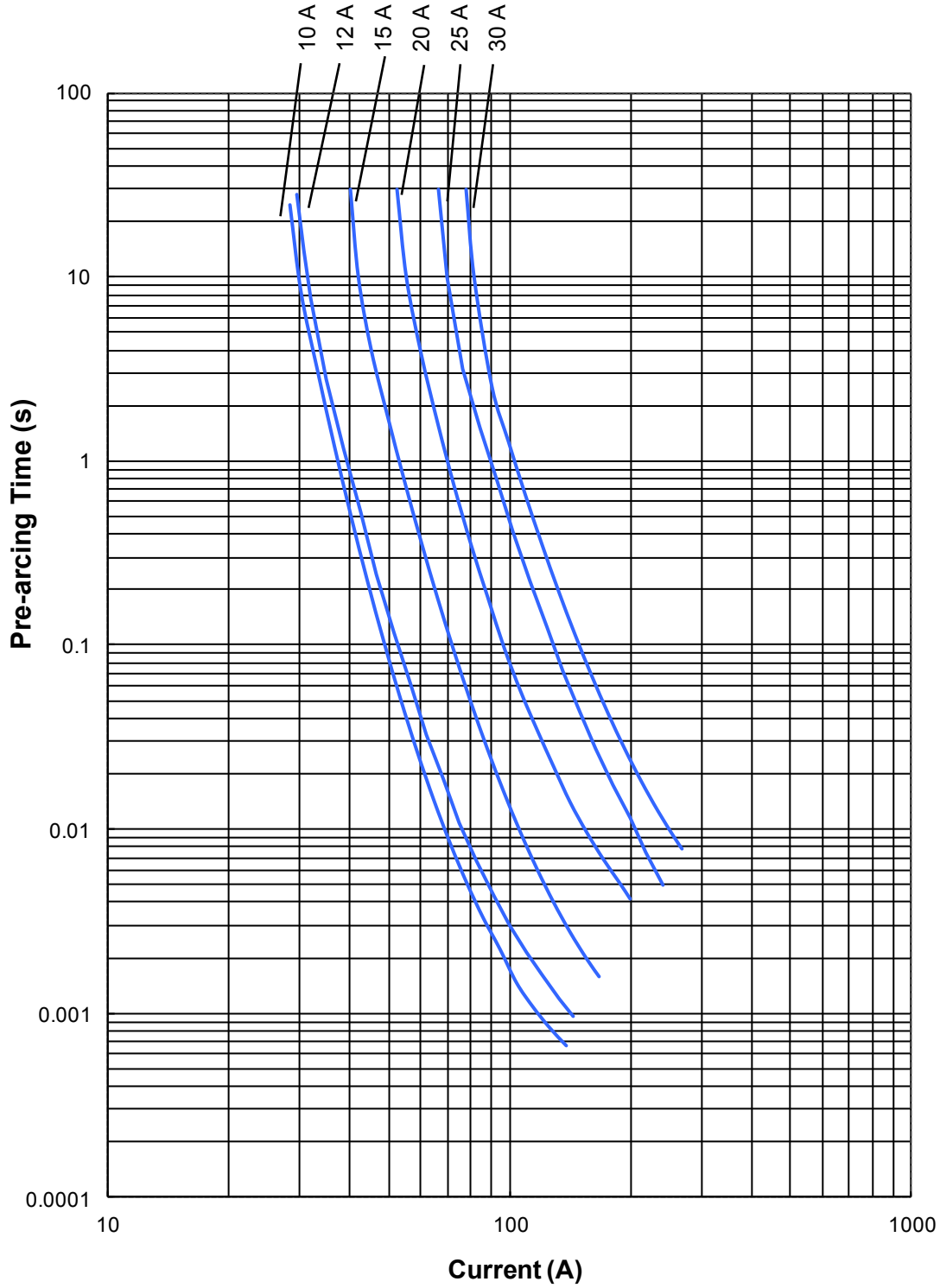
Ordering Information:

Part Number	Current Rating (A)	Voltage Rating (VDC)	Interrupting Ratings	Nominal Cold DCR(Ω) ¹	Nominal I^2t (A^2s) ²	Marking (Optional) ³
F1206HB10V024T	10	24	150 A at rated voltage	0.0045	12	Q
F1206HB12V024T	12	24		0.0039	19	X
F1206HB15V024T	15	24	200 A at rated voltage	0.0031	34	Y
F1206HB20V024T	20	24		0.0020	64	Z
F1206HB25V024T	25	24	250 A at rated voltage	0.0016	187	S
F1206HB30V024T	30	24	300 A at rated voltage	0.0012	270	V

1. Measured at $\leq 10\%$ rated current and 25°C ambient.
2. Melting I^2t at 1000% of current rating.
3. Red Marking Character Code.

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Average Pre-arcing Time Curves:



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Average I^2t vs. t Curves:

