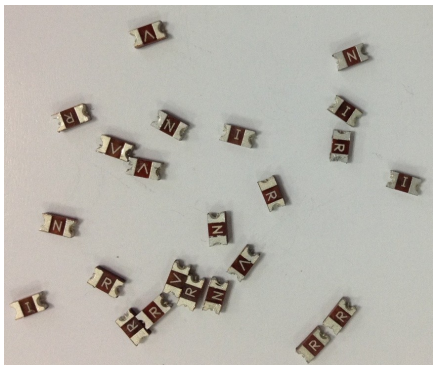


AirMatrix® Surface Mount Fuses

AF Series, 1206 Size



Features:

- Fast acting at 250% overload current level
- Excellent inrush current withstanding capability
- Extremely thin body for space saving
- Much safer with wire-in-air design
- Fiberglass enforced epoxy fuse body
- Copper termination with nickel and tin plating
- Operating temperature range: -55°C to +125 °C (with de-rating)
- 100% lead-free

Application Fields:

- Notebook, Ultrabook
- Backlight Driver
- DC/DC Converter
- Low voltage lighting power
- Automotive electronics

Clearing Time Characteristics:

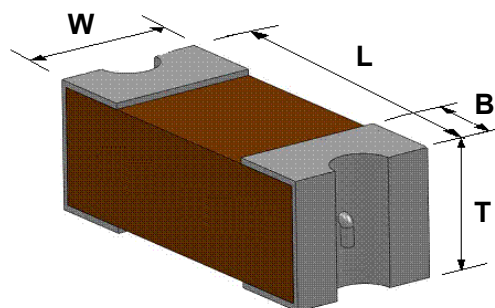
% of Current Rating	Clearing Time at 25°C	
	Min.	Max.
100%	4 hour	
250%		5 seconds

Agency Approval:

Recognized Under the Components Program of Underwriters Laboratories. File Number: E232989

Shape and Dimensions:

Unit	Inch	mm
L	0.126 ± 0.008	3.20 ± 0.20
W	0.063 + 0.012 / -0.004	1.60 + 0.30 / -0.20
T	0.042 ± 0.006	1.08 ± 0.15
B	0.033 ± 0.012	0.85 ± 0.30



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Ordering Information:

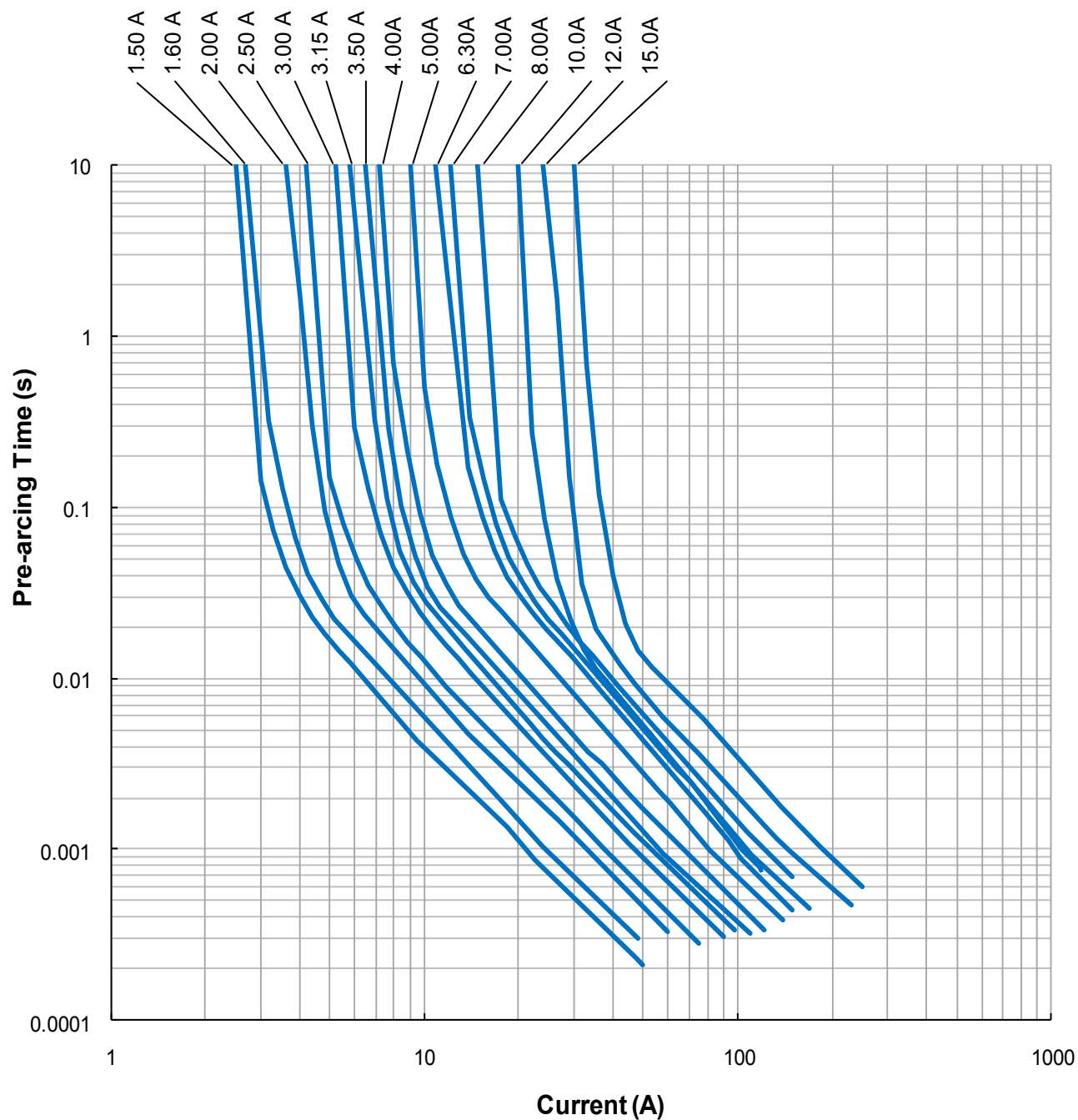
Part Number	Current Rating (A)	Marking (White)	Voltage Rating (VDC)	Interrupting Rating	Nominal DCR (Ω)	Nominal I ² t (A ² s)
AF1206F1.50TM	1.50	G	65	50A@65VDC	0.050	0.37
AF1206F1.60TM	1.60	T			0.043	0.52
AF1206F2.00TM	2.00	I			0.032	0.88
AF1206F2.50TM	2.50	J			0.028	1.1
AF1206F3.00TM	3.00	K			0.022	1.9
AF1206F3.15TM	3.15	V			0.020	2.2
AF1206F3.50TM	3.50	L			0.018	2.6
AF1206F4.00TM	4.00	M			0.016	3.3
AF1206F5.00TM	5.00	N	32	50A@32VDC	0.013	5.4
AF1206F6.30TM	6.30	O			0.010	8.9
AF1206F7.00TM	7.00	P			0.0092	10.4
AF1206F8.00TM	8.00	R			0.0084	13.5
AF1206F10.0TM	10.0	Q			0.0050	11.2
AF1206F12.0TM	12.0	X			0.0041	15.0
AF1206F15.0TM	15.0	Y			0.0035	24.5

1. Resistance is measured at $\leq 10\%$ of rated current and 25℃ ambient.
2. Melting I²t is calculated at 0.001 second pre-arcing time.

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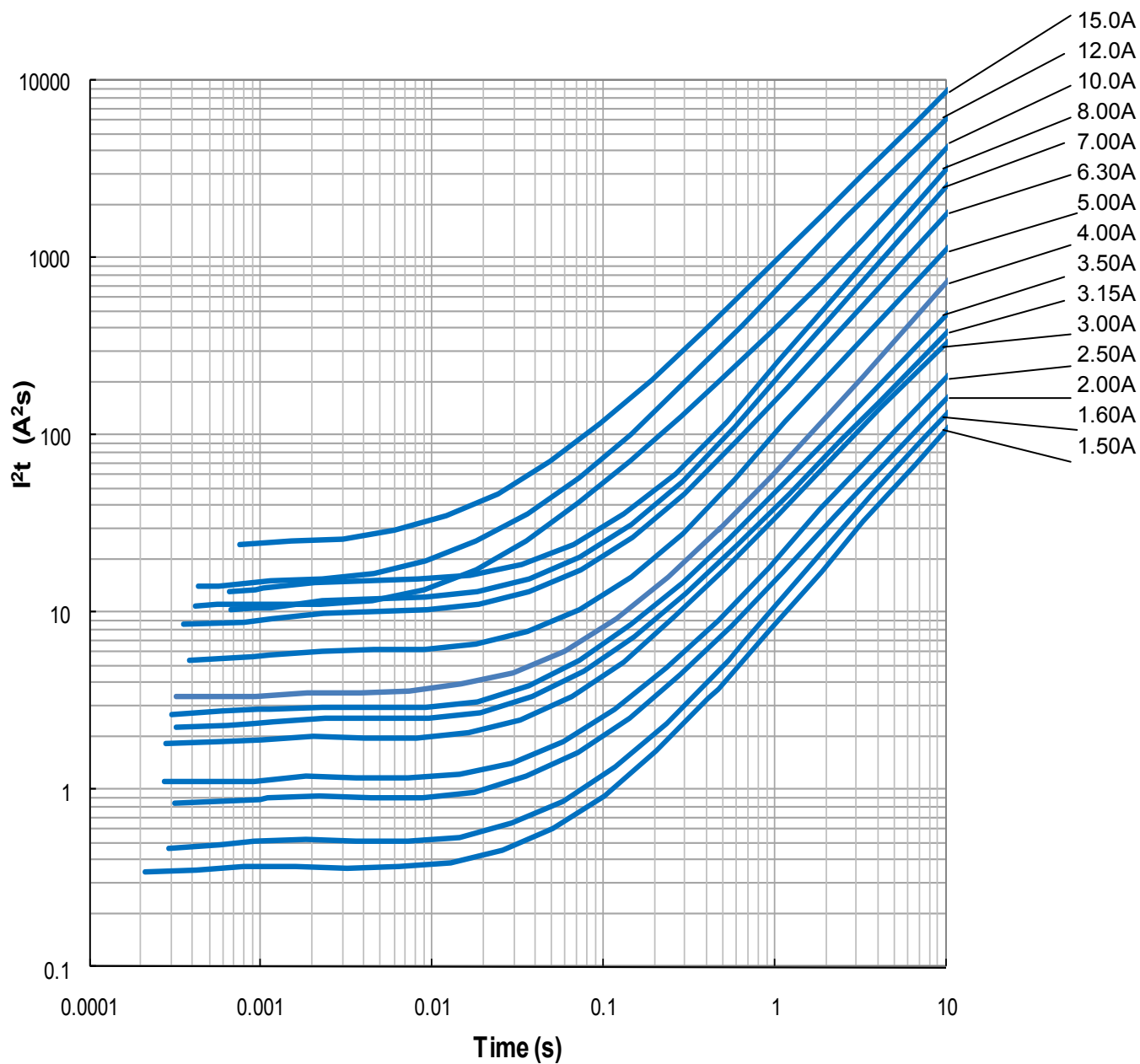
Average Pre-arcing Time Curves:



AirMatrix® Surface Mount Fuses

AF Series, 1206 Size

Average I^2t vs. t Curves:



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[AEM:](#)

[AF1206F1.60TM](#) [AF1206F6.30TM](#) [AF1206F8.00TM](#) [AF1206F10.0TM](#) [AF1206F2.00TM](#) [AF1206F7.00TM](#)
[AF1206F15.0TM](#) [AF1206F5.00TM](#) [AF1206F3.00TM](#) [AF1206F12.0TM](#) [AF1206F3.50TM](#) [AF1206F1.50TM](#)
[AF1206F3.15TM](#) [AF1206F4.00TM](#) [AF1206F2.50TM](#)