

Surface Mount Fuse Pulse Tolerant

PRODUCT: 1206SFP Family

DOCUMENT: SCD27577
REV LETTER: D
REV DATE: APRIL 6, 2012
PAGE NO.: 1 OF 3

Specification Status: Released

Max Electrical Rating at 25°C

Max Voltage: 1A-2A, 63V_{DC}
2.5A-5A, 32V_{DC}
6A-8A, 24 V_{DC}

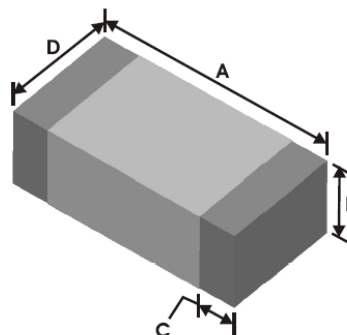
Max Interrupt Current:

1A-5A, 50A at Rated Voltage
6A-8A, 80A at Rated Voltage

Termination Material: Silver, Nickel, Tin

Fuse Element: Silver

Body Material: Glass Ceramic



Clear Time Characteristics

% of current rating	Clear time at 25°C	
	Min.	Max.
100%	4 hours	
200%	1 sec	60 sec
1000% (1A-5A)	0.0002 sec	0.02 sec
1000% (6A-8A)	0.0002 sec	0.04 sec

Dimensions

	A		B		C		D	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	3.00	3.40	0.77	1.17	0.26	0.76	1.40	1.80
in:	0.118	0.134	0.030	0.046	0.010	0.030	0.055	0.071

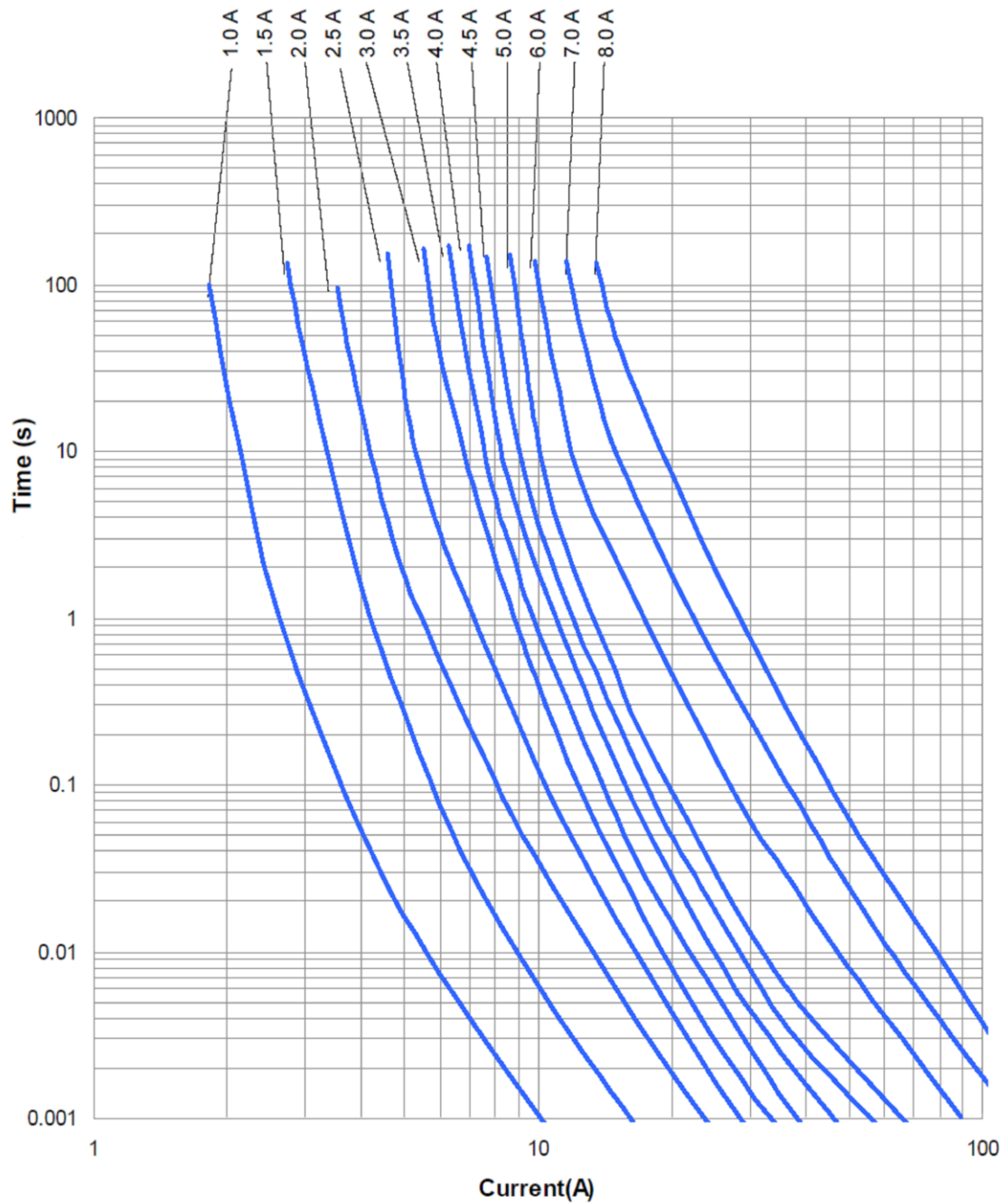
Part Number	Current Rating (A)	Voltage Rating (VDC)	Nominal Cold DCR (Ω)*	Nominal I^2t (A^2s)
1206SFP100F/63	1.0	63	0.340	0.11
1206SFP150F/63	1.5	63	0.150	0.33
1206SFP200F/63	2.0	63	0.090	0.80
1206SFP250F/32	2.5	32	0.070	1.19
1206SFP300F/32	3.0	32	0.035	1.35
1206SFP350F/32	3.5	32	0.029	1.84
1206SFP400F/32	4.0	32	0.023	2.74
1206SFP450F/32	4.5	32	0.021	3.20
1206SFP500F/32	5.0	32	0.017	5.50
1206SFP600F/24	6.0	24	0.013	12.5
1206SFP700F/24	7.0	24	0.010	30.0
1206SFP800F/24	8.0	24	0.009	60.0

* Measured at 10% of rated current and 25°C

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PAGE NO.: 2 OF 3

Average Clear-Time Curves

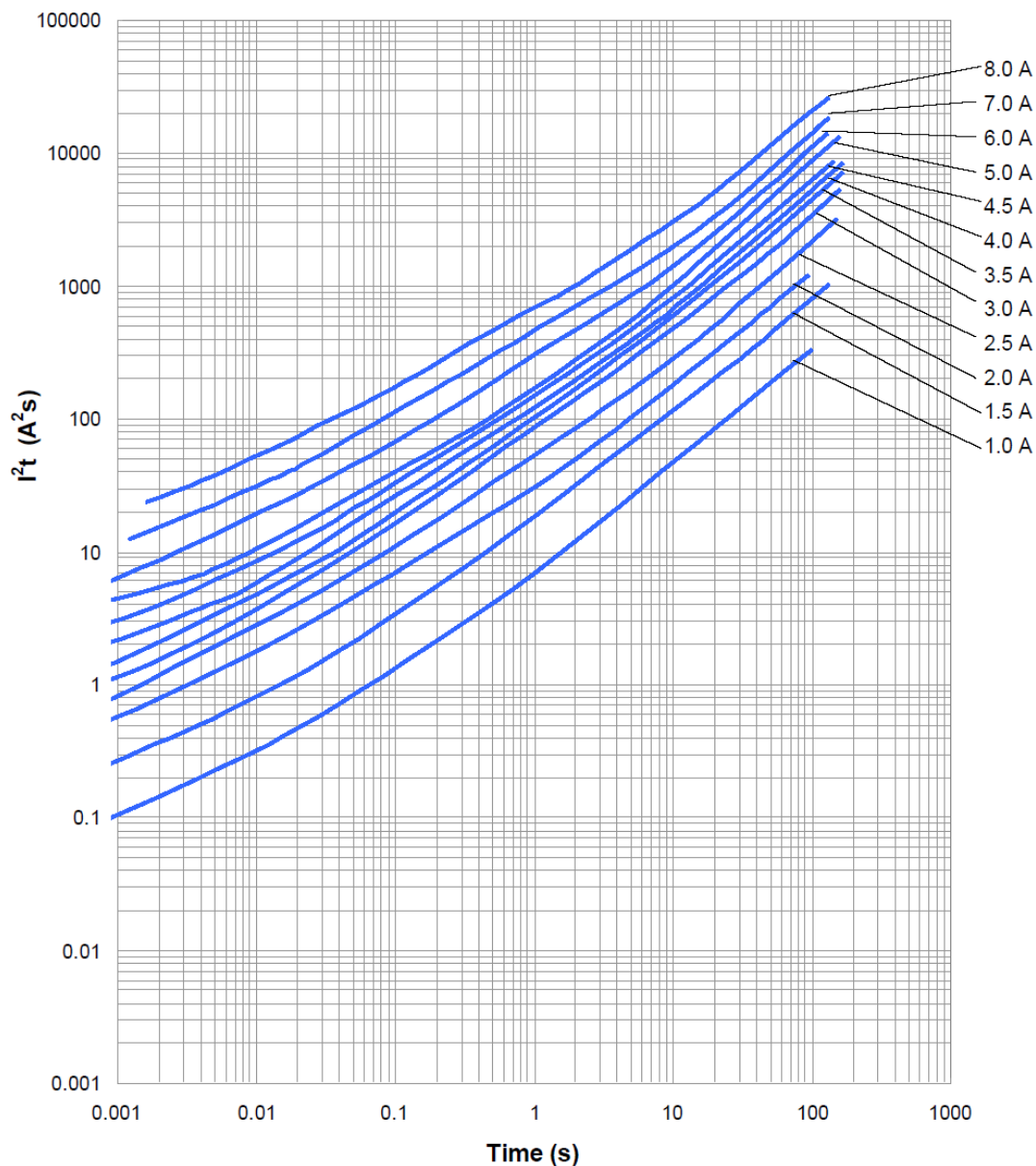


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Nominal I^2t vs t Curves



Agency Recognition:
Precedence:
Effectivity:

UL E197536
This specification takes precedence over documents referenced herein.
Reference documents shall be the issue in effect on the date of invitation for bid.

Materials Information

ROHS Compliant

Directive 2002/95/EC
Compliant

ELV Compliant

Directive 2000/53/EC
Compliant

Halogen Free*



* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm