

Surface Mount Fuse Slow Blow

Raychem Circuit Protection Products

PRODUCT: 0603SFS Family

DOCUMENT:SCD 27595
REV LETTER: A
REV DATE: FEBRUARY 19, 2009
PAGE NO.: 1 OF 3

Specification Status: Released

Max Electrical Rating at 25°C

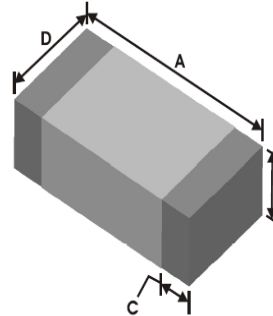
Max Voltage: 32V_{DC}

Max Interrupt Current :50A 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	120 sec
300%	0.1 sec	3 sec
800%(1-1.5A)	0.0005 sec	0.05 sec
800%(2-5A)	0.001 sec	0.05 sec

Dimensions

	A		B		C		D	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	1.45	1.75	0.65	0.95	0.21	0.51	0.65	0.95
in:	0.057	0.069	0.026	0.037	0.008	0.020	0.026	0.037

Part Number	Current Rating (A)	Voltage Rating (VDC)	Nominal Cold DCR (Ω)*
0603SFS100F/32	1.0	32	0.200
0603SFS150F/32	1.5	32	0.100
0603SFS200F/32	2.0	32	0.052
0603SFS250F/32	2.5	32	0.041
0603SFS300F/32	3.0	32	0.031
0603SFS350F/32	3.5	32	0.021
0603SFS400F/32	4.0	32	0.017
0603SFS450F/32	4.5	32	0.015
0603SFS500F/32	5.0	32	0.013

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

Agency Recognition:
Precedence:
Affectivity:

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

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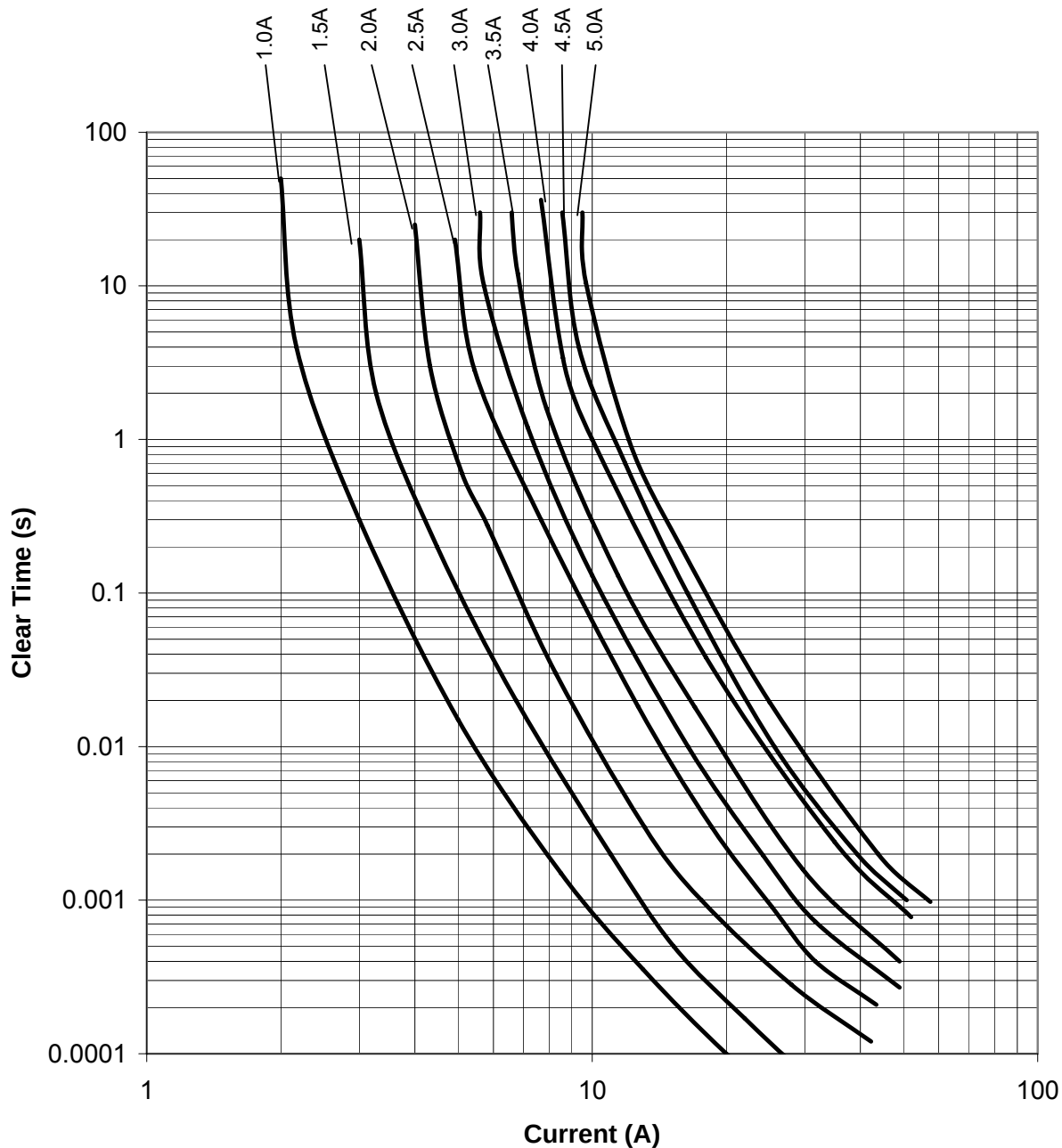
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Average Clear-Time Curves



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Nominal $I^2 t$ vs t Curves

