

Surface Mount Fuse Pulse Tolerant

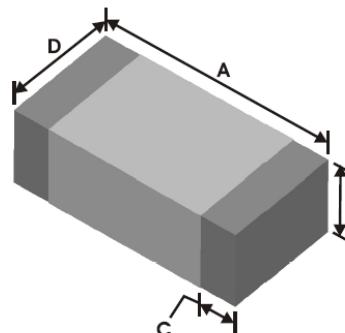
PRODUCT: 0603SFP Family

DOCUMENT: SCD27576
REV LETTER: C
REV DATE: MAY 23, 2012
PAGE NO.: 1 OF 3

Specification Status: Released

Max Electrical Rating at 25°C

Max Voltage: 32V_{DC}
Max Interrupt Current:
1~5A, 50A at Rated Voltage
6A, 70A 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%	0.0002 sec	0.02 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)*	Nominal I ² t (A ² s)
0603SFP100F/32	1.0	32	0.210	0.08
0603SFP150F/32	1.5	32	0.101	0.11
0603SFP200F/32	2.0	32	0.057	0.24
0603SFP250F/32	2.5	32	0.042	0.56
0603SFP300F/32	3.0	32	0.030	0.72
0603SFP350F/32	3.5	32	0.022	1.10
0603SFP400F/32	4.0	32	0.018	2.08
0603SFP450F/32	4.5	32	0.014	2.63
0603SFP500F/32	5.0	32	0.013	3.25
0603SFP600F/32	6.0	32	0.010	4.00

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

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

ELV Compliant

Halogen Free*

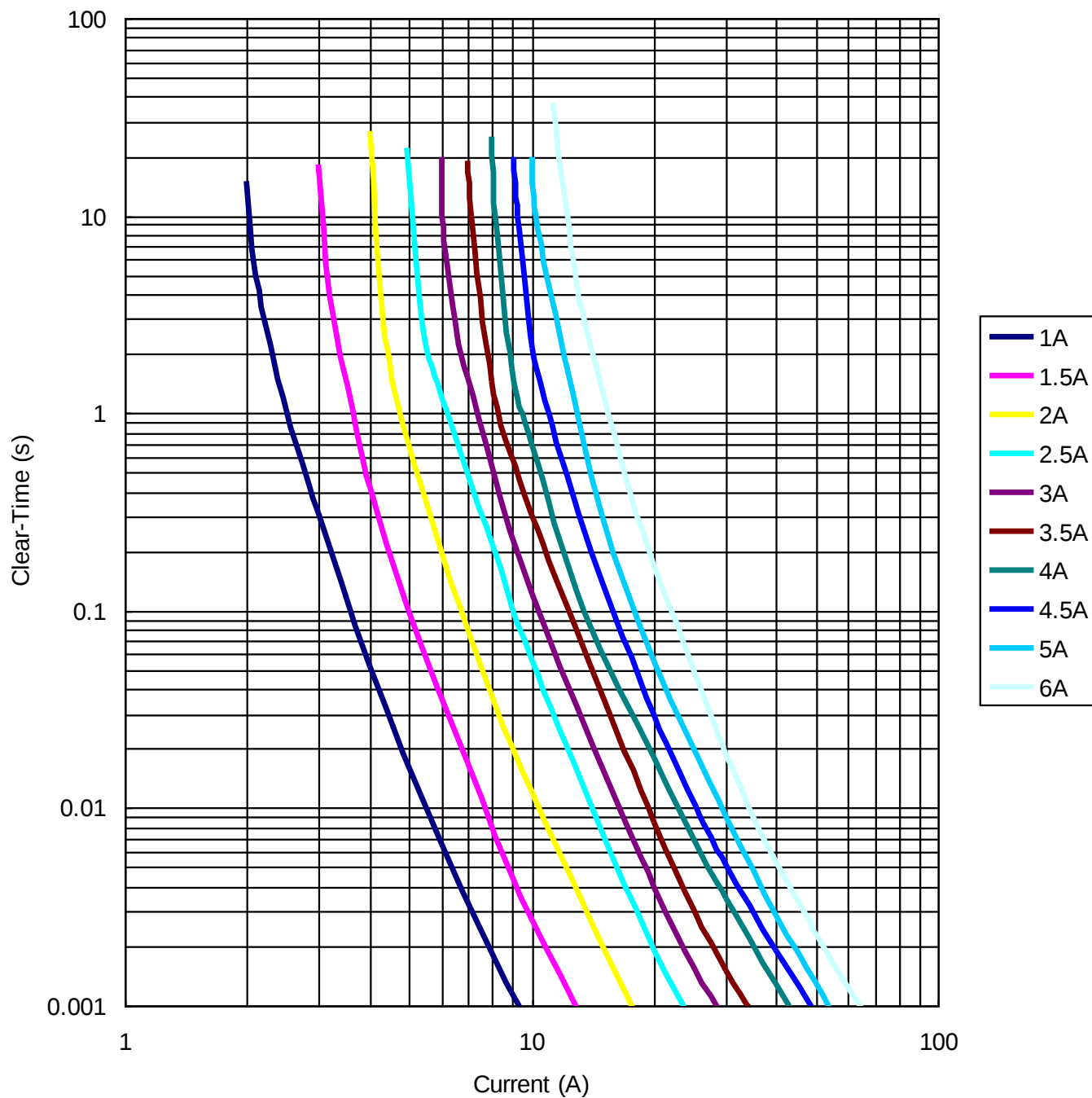
Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant



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

Average Clear-Time Curves



Surface Mount Fuse Pulse Tolerant

PRODUCT: 0603SFP Family

DOCUMENT: SCD27576
REV LETTER: C
REV DATE: MAY 23, 2012
PAGE NO.: 3 OF 3

Nominal I^2t vs t Curves

