

**Specification Status: Released**

**Max Electrical Rating at 25°C**

**Max Voltage: 32V<sub>DC</sub>**

**Max Interrupt Current:**

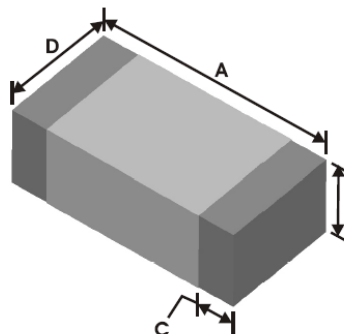
**1~5A, 50A at Rated Voltage**

**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 <sup>2</sup> t (A <sup>2</sup> 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:

UL E197536

Precedence:

This specification takes precedence over documents referenced herein.

Effectivity:

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**

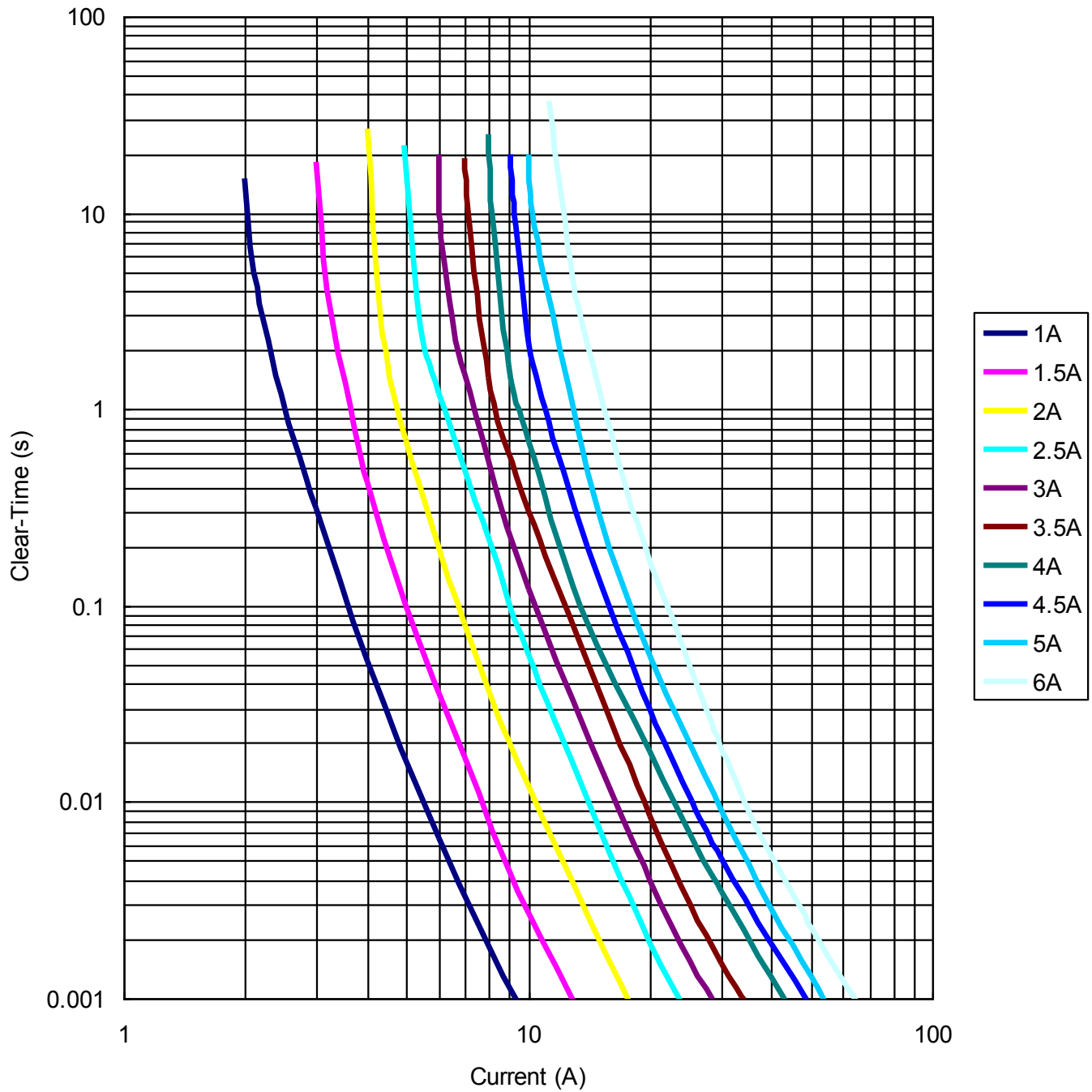
Directive 2000/53/EC  
Compliant

**Halogen Free\***

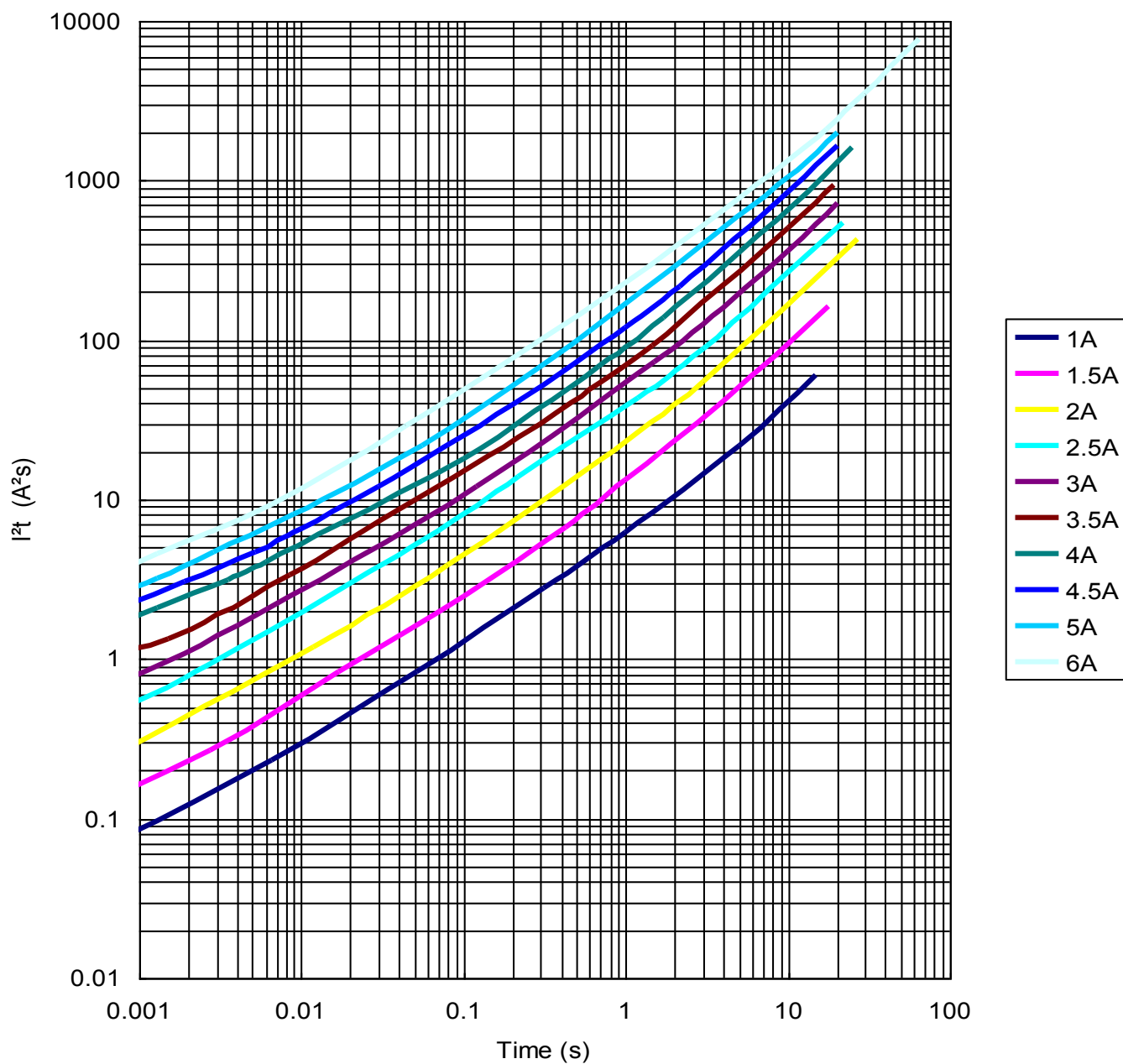


\* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm

**Average Clear-Time Curves**



**Nominal  $I^2t$  vs  $t$  Curves**





Expertise Applied | Answers Delivered

## Surface Mount Fuse Pulse Tolerant

**PRODUCT: 0603SFP Family**

DOCUMENT: SCD27576

REV LETTER: C

REV DATE: JULY 26, 2016

PAGE NO.: 4 OF 4

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