

Surface Mount Fuse Slow Blow

PRODUCT: 0603SFS500F/32

DOCUMENT: SCD26414
REV LETTER: E
REV DATE: MARCH 26, 2014
PAGE NO.: 1 OF 3

Specification Status: Released

Max Electrical Rating at 25°C

Max Voltage: 32V_{DC}

Max Interrupt Current: 40A

Termination Material: Silver, Nickel, Tin

Fuse Element: Silver

Body Material: Glass Ceramic

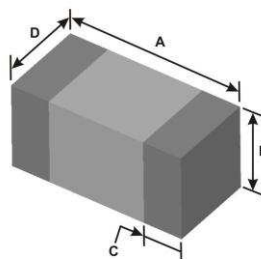


TABLE I. DIMENSIONS:

	A		B		C		D	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	1.45	1.75	0.65	0.90	0.21	0.51	0.65	0.95
in:	0.057	0.069	0.026	0.035	0.008	0.020	0.026	0.037

TABLE II. PERFORMANCE RATINGS @ 25°C (unless otherwise noted):

RATED CURRENT (A)	NOMINAL COLD DCR (Ω)*	CLEAR TIME @				OPERATING TEMPERATURE (°C)	
		100% of rated current	200% of rated current	300% of rated current	800% of rated current	MIN	MAX
			1 second min	0.1 second min	0.001 second min		
5.0	0.013	4 hours min	120 seconds max	3 seconds max	0.05 seconds max	-55	125

* 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

Directive 2002/95/EC
Compliant

ELV Compliant

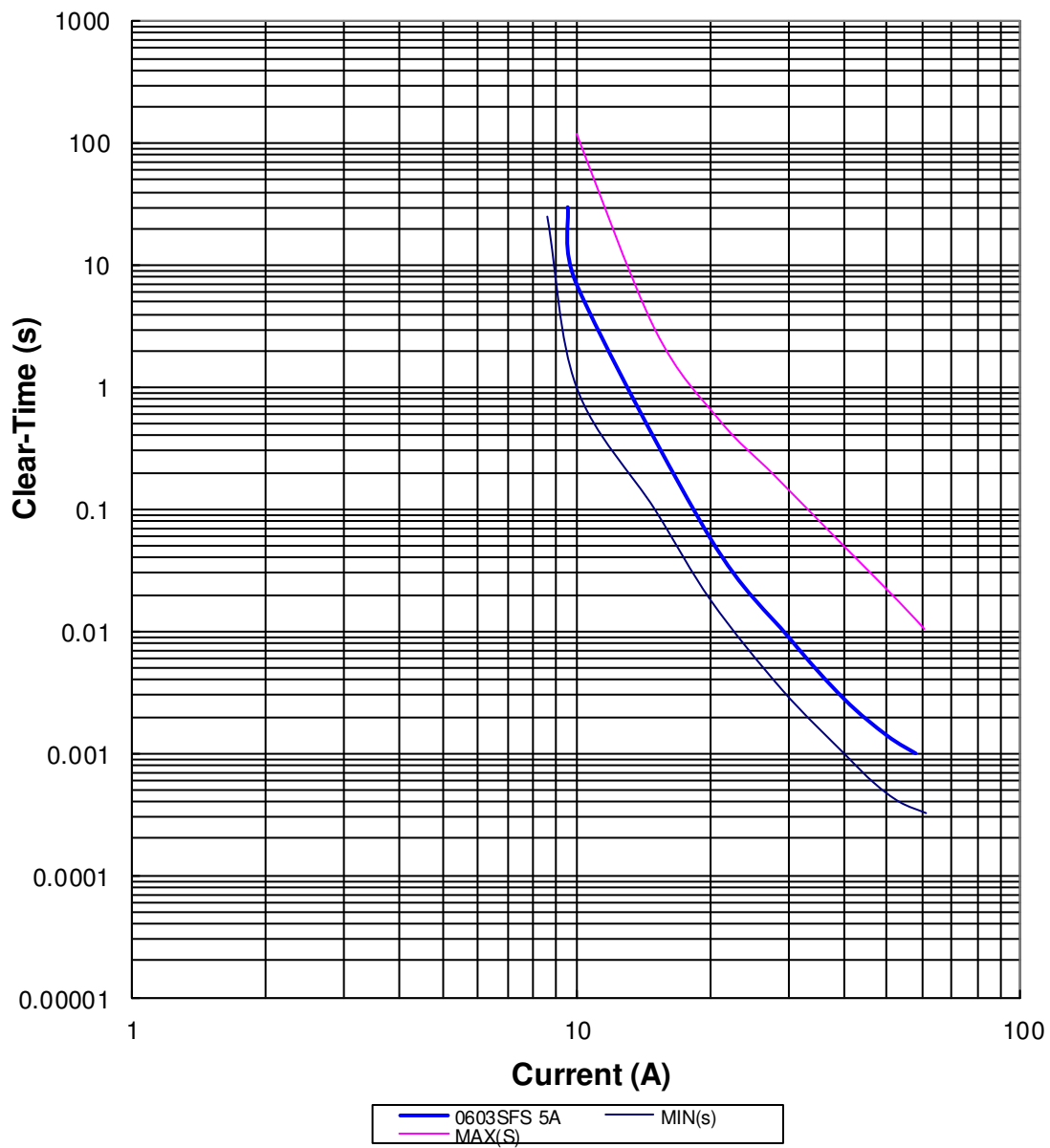
Directive 2000/53/EC
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Clear Time vs Current Curve

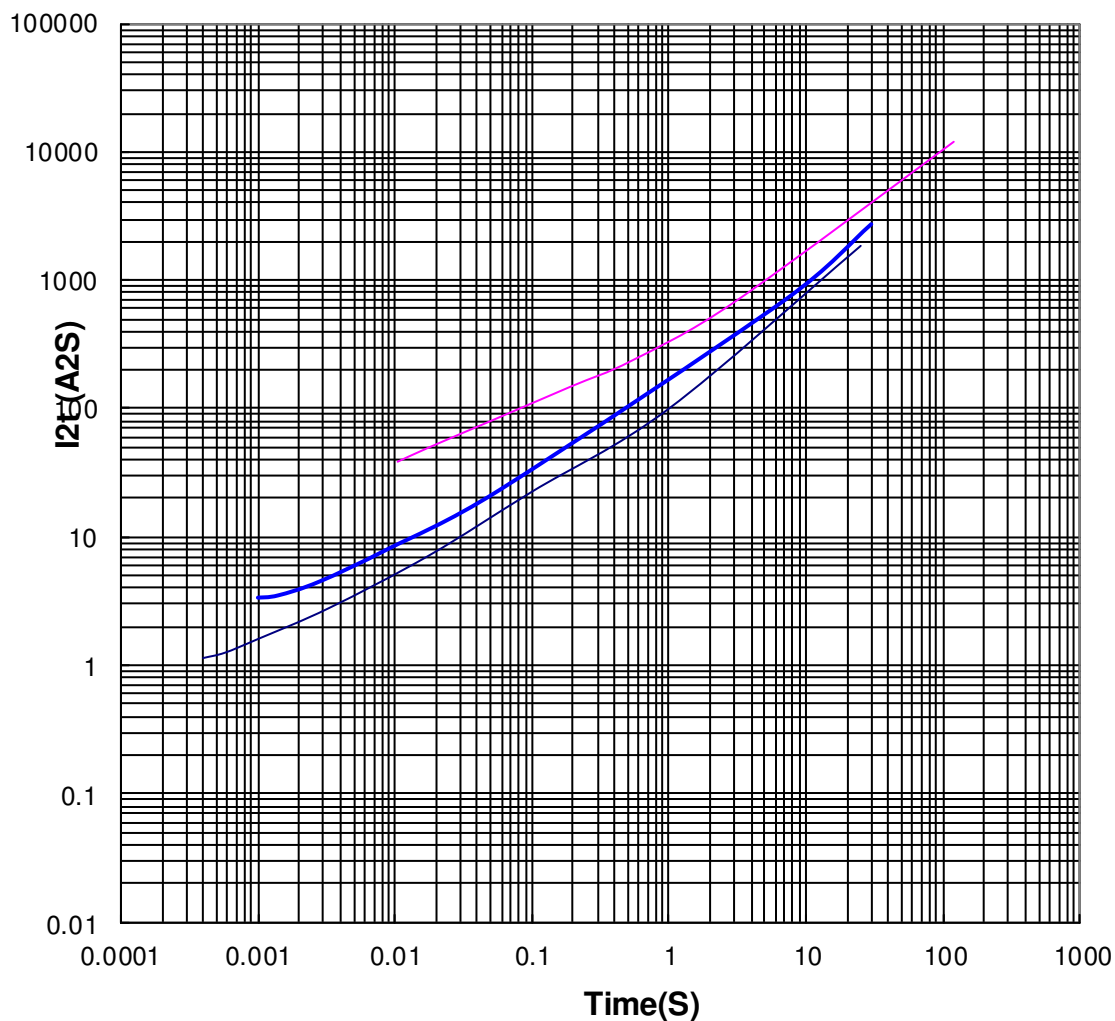


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I^2t vs Time Curve



— 0603SFS 5A

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Pb-Free



Halogen Free*



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