

Type T0603

Time Lag Surface Mount Fuse

0603 Package (1.6mm x 0.8mm)



www.optifuse.com (619) 593-5050

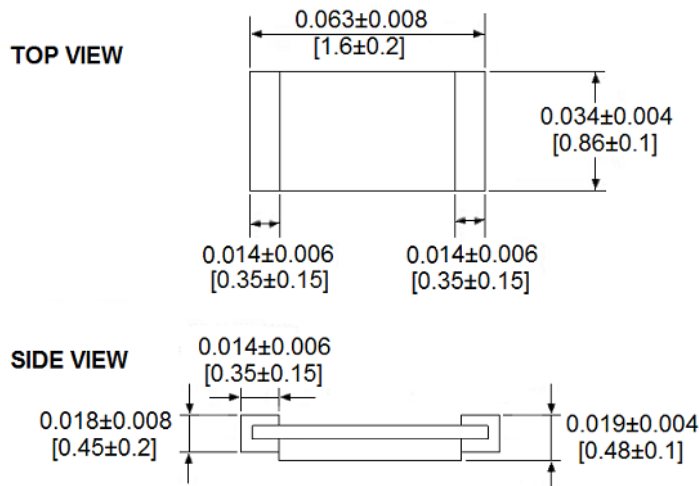
Operating Temperature: -55°C ~ 90°C
Storage Temperature: -55°C ~ 85°C
Resistance to Solder Heat: Max 260°C, 60 sec.
Soldering Parameters:
 325°C ±5°C, 3.5 sec. +0.5/-0 sec.
Packaging Specifications: 5K per Reel

Time Characteristics		
100%	4h	min hold time
200%	1s	min hold time
	120s	max hold time
300%	50ms	min hold time
	3s	max hold time
800%	0.5ms	min hold time
	50ms	max hold time

Interrupting Ratings		
50A	@32V AC	1A
35A	@32V AC	1.25A-5A
50A	@32V DC	1A
35A	@32V DC	1.25A-5A

Part Number	Rating Current	Nominal Resistance (Ω)	I ² T REFERENCE (A ² Sec.)
T0603-1A	1A	0.315	0.061
T0603-1.25A	1.25A	0.215	0.106
T0603-1.5A	1.5A	0.175	0.145
T0603-1.6A	1.6A	0.165	0.156
T0603-2A	2A	0.058	0.265
T0603-2.5A	2.5A	0.038	0.453
T0603-3A	3A	0.027	0.952
T0603-3.15A	3.15A	0.025	0.990
T0603-3.5A	3.5A	0.019	1.16
T0603-4A	4A	0.012	1.38
T0603-5A	5A	0.010	2.53

Mechanical Dimensions: Inches [mm]



Note: All specifications subject to change without notice.

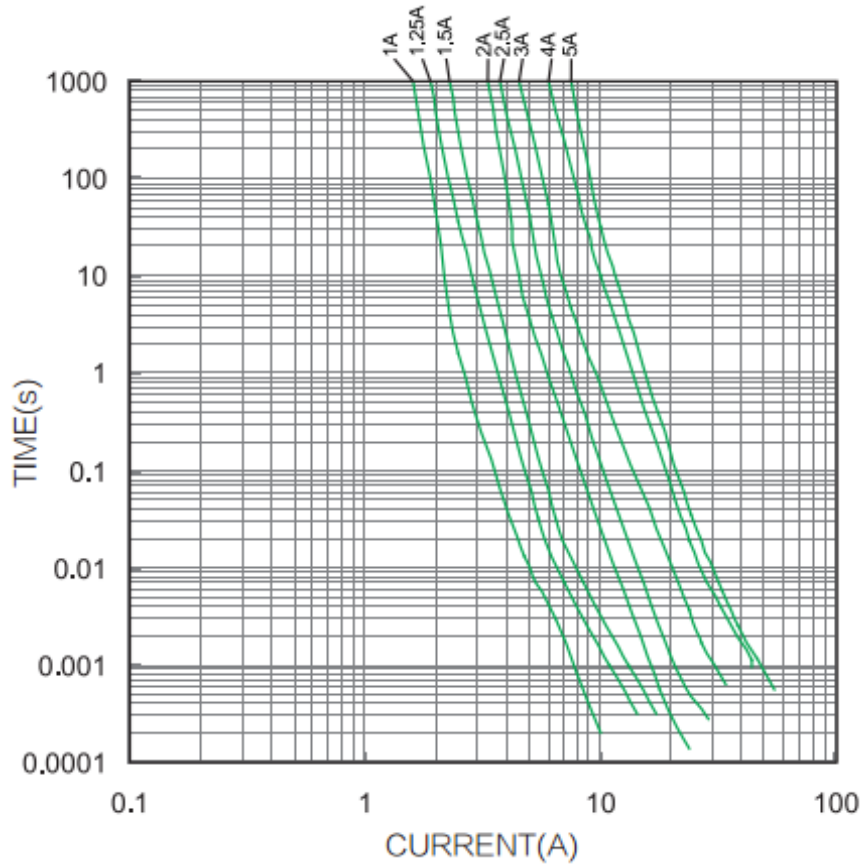
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TIME CURRENT CURVES



Warning:



- Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.
- SMD are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.
- Avoid contact of SMD with chemical solvent. Prolonged contact may damage the device performance.