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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SL0603-500
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER: A
 REV DATE: 2021-9-10
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Specification Sheet

Terminal Pad Solderability:
 Meets EIA Specification RS186-9E
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:
 Part Identification

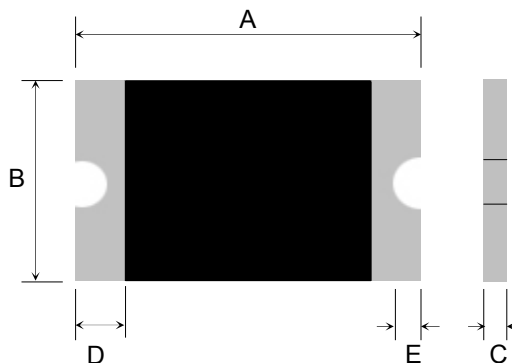


TABLE I. DIMENSIONS:

Model	A	B	C	D	E
	Max.	Max.	Max.	Min.	Min.
SL0603-500	1.90	1.00	1.40	0.20	0.10

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	V _{max} (Vdc)	I _{max} (A)	I _{hold} @25°C (A)	I _{trip} @25°C (A)	P _d Typ. (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (Sec)	R _{i_min} (Ω)	R _{1_max} (Ω)
						SL0603-500	6.0	50	5.00

Order Information

Packaging

SL0603-500	500	Tape & Reel Quantity	
Product name	Hold	Max	3,000 pcs/reel
Size 1508 mm / 0603 mils	Current	voltage	
SMD: surface mount device	5.00A		

Agency Approvals:

Regulation/Standard:  2015/863/EU

 EN14582