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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD500L
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2021-3-10
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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:

α Alpha Logo
 500L Part Identification

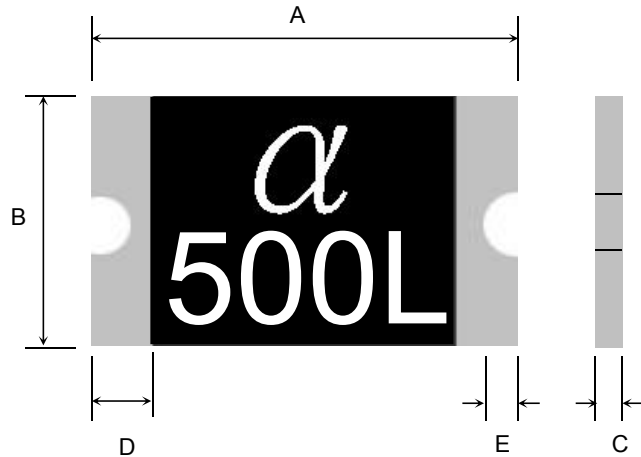


TABLE I. DIMENSIONS:

Model	A		B		C		D
	MIN	MAX	MIN	MAX	MIN	MAX	MIN
SMD500L	6.73	7.98	4.80	5.44	0.40	1.30	0.30

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	V_{max} (V)	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)	$R_{i_{min}}$	$R_{1_{max}}$
								(Ω)	(Ω)
SMD500L	6	100	5.00	10.00	1.800	20.0	10.0	0.005	0.031

Order Information

Packaging

SMD2920	500-13.2V	Tape & Reel Quantity	
Product name	Hold	Max	2000 pcs/reel
Size 7555 mm / 2920 mils	Current	voltage	
SMD: surface mount device	5.00A		

Recognition:

2015/863/EU
 EN14582

