

SEA&LAND ELECTRONIC CORP.

13F., No.120-10,
 Sec. 3, Zhongshan Rd., Zhonghe Dist., New Taipei City 235,
 Taiwan
 Tel.: 886-2-8221-2567
 Fax.: 886-2-2225-7268

Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD500L
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2024-9-2
 PAGE NO.: 1 of 1

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

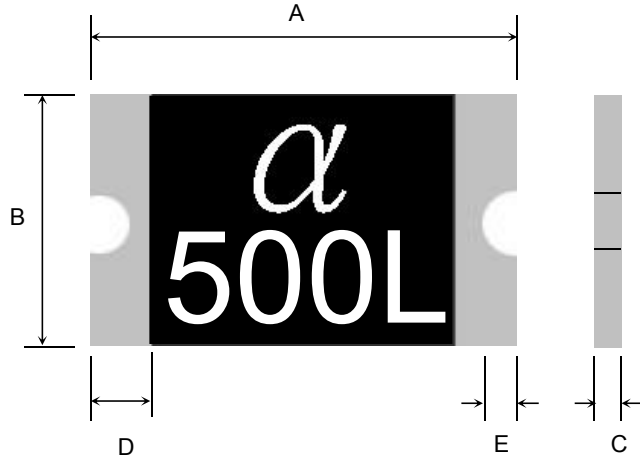


TABLE I. DIMENSIONS:

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	1.8	20.0	10.0	0.005	0.031

Order Information

Packaging

SMD2920	500	Tape & Reel Quantity
Product name	Hold Max	1500 pcs/reel
Size 7555 mm / 2920 mils	Current voltage	
SMD: surface mount device	5.00A	

Recognition: Agency Approved.

E201504/E319079



Regulation/Standard:

2015/865/EU



EN14582

