

SEA&LAND ELECTRONIC CORP.

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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD500L-16V
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2026/4/9
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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

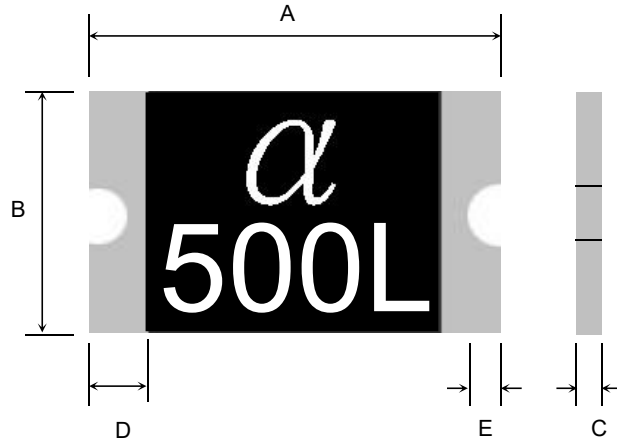


TABLE I. DIMENSIONS:

Model	A		B		C		D
	MIN	MAX	MIN	MAX	MIN	MAX	MIN
SMD500L-16V	6.73	7.98	4.80	5.44	0.60	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-16V	16	100	5.00	10.00	1.8	20.0	10.0	0.005	0.031

Order Information

Packaging

SMD2920	500-16V	Tape & Reel Quantity
Product name	Hold	Max
Size 7555 mm / 2920 mils	Current	voltage
SMD: surface mount device	5.00A	1500 pcs/reel

Agency Approvals :



E201504(Alpha-Top)/E319079(Sea&Land)



CQC25001473187

GB 4943.1-2022;IEC 60730-1 : 2013 15、17、J.15、J.17;GB/T 7153-2002

Regulation/Standard:



2015/863/EU



EN14582