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Techfuse
PTC Devices
Resettable Fuse

PRODUCT:	SMD500L-13.2V
DOCUMENT:	QR0429
ECN. NO.:	
REV LETTER:	
REV DATE:	2026/4/9
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

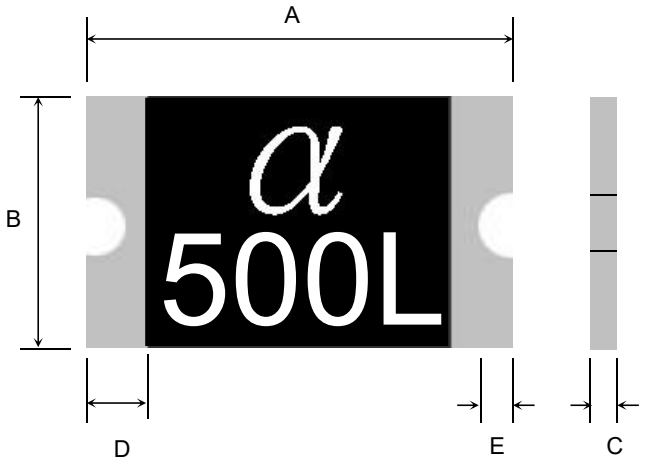

TABLE I. DIMENSIONS:

Model	A		B		C		D	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
SMD500L-13.2V	6.73	7.98	4.80	5.44	0.60	1.30	0.30	Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	V_{max}	I_{max}	I_{hold}	I_{trip}	P_d	Maximum Time To Trip		Resistance	
			@25°C	@25°C	Typ.	Current	Time	Ri_{min}	$R1_{max}$
	(V)	(A)	(A)	(A)	(W)	(A)	(Sec)	(Ω)	(Ω)
SMD500L-13.2V	13.2	100	5.00	10.00	1.8	20.0	10.0	0.005	0.031

Order Information

SMD2920	500-13.2V	
Product name	Hold	Max
Size 7555 mm / 2920 mils	Current	voltage
SMD：surface mount device	5.00A	

Packaging

Tape & Reel Quantity
2000 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