

**SEA&LAND ELECTRONIC CORP.**

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**Techfuse**  
**PTC Devices**  
 Resettable Fuse

PRODUCT: SMD185L  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2021-3-10  
 PAGE NO.: 1 of 1

# Specification Sheet

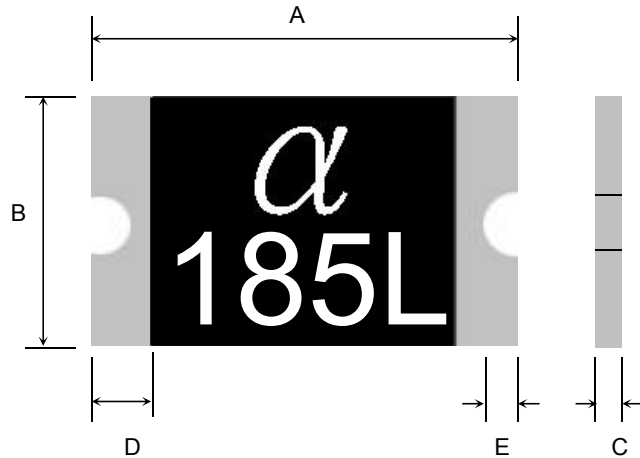
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

$\alpha$  Alpha Logo  
 185L Part Identification



**TABLE I. DIMENSIONS:**

Model	A		B		C		D
	MIN	MAX	MIN	MAX	MIN	MAX	MIN
SMD185L	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)	$R_{i_{min}}$ ( $\Omega$ )	$R_{1_{max}}$ ( $\Omega$ )
SMD185L	33	100	1.85	3.70	1.500	8.0	2.5	0.030	0.150

**Order Information****Packaging**

SMD2920	185	Tape & Reel Quantity
Product name	Hold Max	1500 pcs/reel
Size 7555 mm / 2920 mils	Current voltage	
SMD: surface mount device	1.85A	

Recognition: UL Pending. E201504/E319079

2015/863/EU  
 EN14582

