

SEA&LAND ELECTRONIC CORP.

13F.,No.120-10,
Sec.3,Zhongshan Rd.,Zhonghe City,Taipei County,
Taiwan, R.O.C.
Tel.: 886-2-8221-2567
Fax.: 886-2-2225-7268

Techfuse
PTC Devices
Resettable Fuse

PRODUCT: SMD185L
DOCUMENT: QR0429
ECN. NO.:
REV LETTER:
REV DATE: 2010/7/1
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:
Gold-Plated Nickel-Copper or Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

α Alpha Logo
185L Part Identification

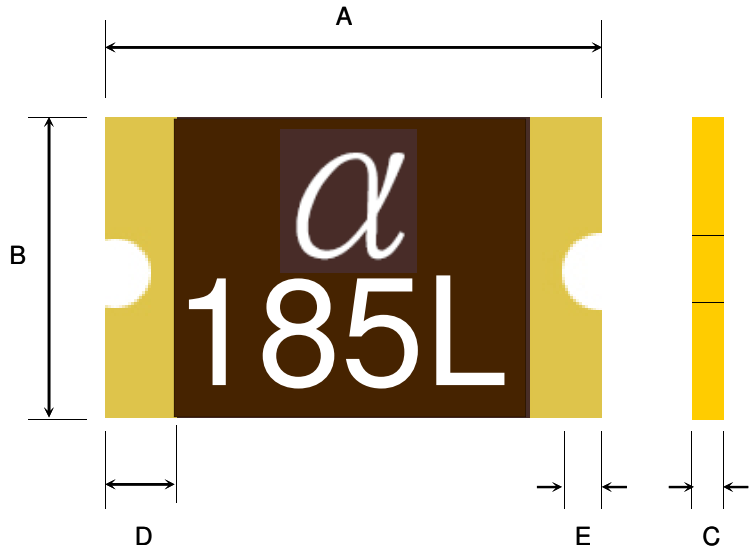


TABLE I. DIMENSIONS:

Model	A		B		C		D	Unit:mm
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
SMD185L	6.73	7.98	4.80	5.44	0.30	0.90	0.30	

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)	$R_{i_{min}}$ (Ω)	$R_{i_{typ}}$ (Ω)	$R_{1_{max}}$ (Ω)
SMD185L	33	100	1.85	3.70	1.500	8.0	2.5	0.030	0.040	0.150

Order Information

Packaging

SMD2920	185	Tape & Reel Quantity	
Product name	Hold	Max	185 2000 pcs/reel
Size 7555 mm / 2920 mils	Current	voltage	
SMD: surface mount device	1.85A		

Recognition: UL Pending.