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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD185L
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2014/12/29
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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
 185L Part Identification

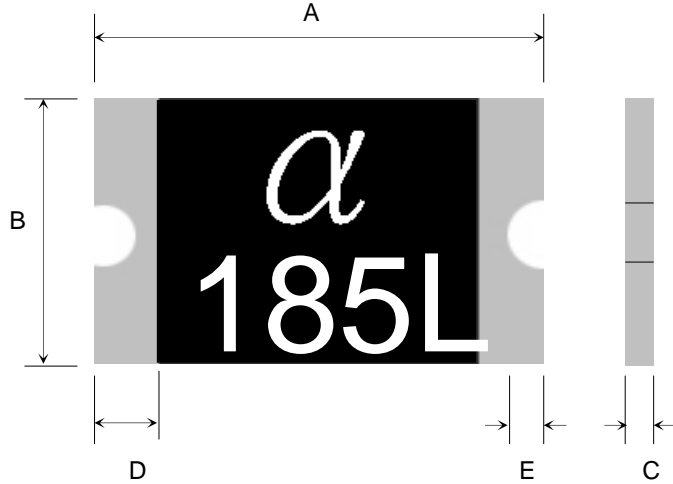


TABLE I. DIMENSIONS:

Model	A		B		C		D	E
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MIN
SMD185L	6.73	7.98	4.80	5.44	0.50	1.30	0.30	0.25

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)	$R_{i_{min}}$ (Ω)	$R_{1_{max}}$ (Ω)
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.