

**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: SMD050L  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2011-3-10  
 PAGE NO.: 1 of 1

# Specification Sheet

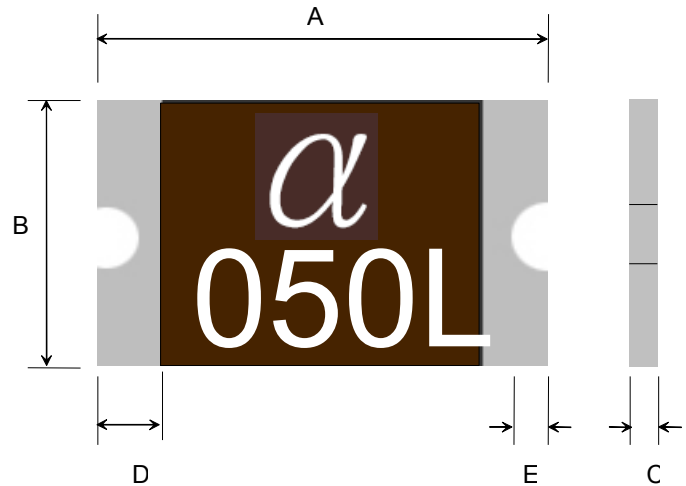
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

α Alpha Logo  
 050L Part Identification

**TABLE I. DIMENSIONS:**

Model	A		B		C		D
	MIN	MAX	MIN	MAX	MIN	MAX	MIN
SMD050L	6.73	7.98	4.80	5.44	0.60	1.15	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)	$R_{I_{min}}$ (Ω)	$R_{I_{typ}}$ (Ω)	$R_{I_{max}}$ (Ω)
SMD050L	60	100	0.50	1.00	1.500	2.5	4.0	0.180	0.280	1.400

**Order Information****Packaging**

SMD2920	050	Tape & Reel Quantity	
Product name	Hold	Max	
Size 7555 mm / 2920 mils	Current	voltage	050 2000 pcs/reel
SMD: surface mount device	0.50A		

Recognition: UL Pending.