

**SEA&LAND ELECTRONIC CORP.**

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

PRODUCT: SMD series  
DOCUMENT: QR0429  
ECN. NO.:  
REV LETTER:  
REV DATE: 2021-4-28  
PAGE NO.: 1 of 1

**Specification Sheet**

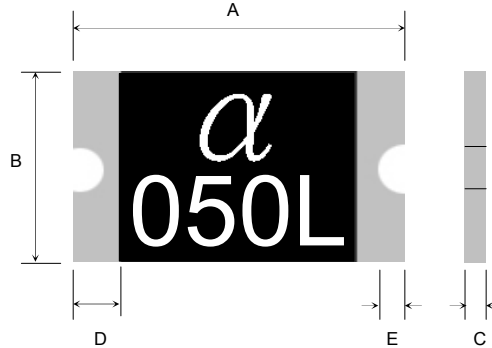
Terminal Pad Solderability:  
Meets EIA Specification RS186-9E  
And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

$\alpha$  Alpha Logo  
050L Part identification



**TABLE I. DIMENSIONS:**

Model	A		B		C		D
	MIN	MAX	MIN	MAX	MIN	MAX	MIN
SMD030L	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD050L	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD075L	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD075L-60V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD100L	6.73	7.98	4.80	5.44	0.40	1.00	0.30
SMD125L	6.73	7.98	4.80	5.44	0.40	0.90	0.30
SMD150L	6.73	7.98	4.80	5.44	0.40	0.90	0.30
SMD185L	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD200L	6.73	7.98	4.80	5.44	0.30	0.90	0.30
SMD200L-24V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD250L	6.73	7.98	4.80	5.44	0.30	0.90	0.30
SMD260L	6.73	7.98	4.80	5.44	0.30	0.90	0.30
SMD300L	6.73	7.98	4.80	5.44	0.30	0.90	0.30
SMD300L-16V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD500L	6.73	7.98	4.80	5.44	0.40	1.30	0.30
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 <sub>max</sub> (V)	I <sub>max</sub> (A)	I <sub>hold</sub> @25°C (A)	I <sub>trip</sub> @25°C (A)	P <sub>d</sub> Typ. (W)	Maximum Time To Trip		Resistance		Agency Approval	
						Current (A)	Time (Sec)	R <sub>lmin</sub> (Ω)	R <sub>ltyp</sub> (Ω)	UL	TUV
SMD030L	60	100	0.30	0.60	1.500	1.5	3.0	0.600	4.800		
SMD050L	60	100	0.50	1.00	1.500	2.5	4.0	0.180	1.400		
SMD075L	33	100	0.75	1.50	1.500	8.0	0.3	0.100	1.000		
SMD075L-60V	60	100	0.75	1.50	1.500	8.0	0.3	0.100	1.000		
SMD100L	33	100	1.10	2.20	1.500	8.0	0.5	0.065	0.410		
SMD125L	33	100	1.25	2.50	1.500	8.0	2.0	0.050	0.250		
SMD150L	33	100	1.50	3.00	1.500	8.0	2.0	0.035	0.230		
SMD185L	33	100	1.85	3.70	1.500	8.0	2.5	0.030	0.150	✓	
SMD200L	16	100	2.00	4.00	1.500	8.0	4.5	0.020	0.120		
SMD200L-24V	16	100	2.00	4.00	1.500	8.0	4.5	0.020	0.120		
SMD250L	16	100	2.50	5.00	1.500	8.0	16.0	0.020	0.085		
SMD260L	6	100	2.60	5.20	1.500	8.0	10.0	0.014	0.075		
SMD300L	6	100	3.00	6.00	1.500	8.0	20.0	0.012	0.048	✓	
SMD300L-16V	16	100	3.00	6.00	1.500	8.0	20.0	0.012	0.048		
SMD500L	6	100	5.00	10.00	1.800	20.0	10.0	0.005	0.031		
SMD300L-13.2V	13.2	100	5.00	10.00	1.800	20.0	10.0	0.005	0.031		

**Order Information**

**Packaging**

SMD2920		300		Tape & Reel Quantity	
Product name	Hold	Max		SMD030L, 050L, 075L, 100L, 150L, 200L,	
Size 7555 mm / 2920 mils	Current	voltage		300L, 500L 2000 pcs/reel	
SMD: surface mount device	3.00A			SMD185L, 200L-24V 1500pcs/reel	

Recognition: SMD185L, 300L, UL Approved.

E201504/E319079



2015/863/EU



EN14582

