

**SEA&LAND ELECTRONIC CORP.**

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

PRODUCT: SMD series  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2026/4/13  
 PAGE NO.: 1 of 1

# Specification Sheet

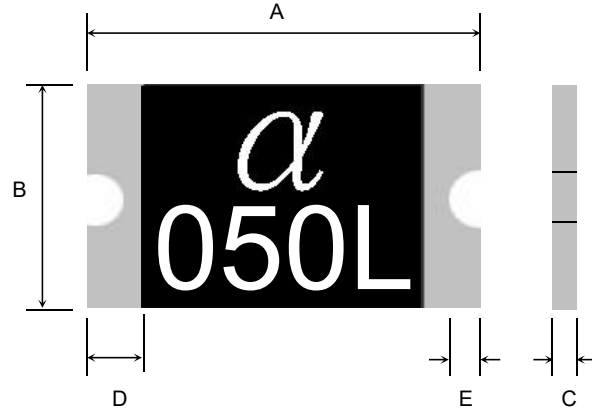
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

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
SMD100L-60V	6.73	7.98	4.80	5.44	0.60	1.30	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	0.60	1.30	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-13.2V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD300L-16V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD300L-24V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD400L	6.73	7.98	4.80	5.44	0.40	1.30	0.30
SMD400L-12V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD400L-13.2V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD400L-16V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD400L-24V	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-12V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD500L-13.2V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD500L-16V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD500L-24V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD600L	6.73	7.98	4.80	5.44	0.40	1.30	0.30
SMD600L-13.2V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD600L-16V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD600L-24V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD700L	6.73	7.98	4.80	5.44	0.40	1.30	0.30
SMD700L-12V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD700L-13.2V	6.73	7.98	4.80	5.44	0.40	1.30	0.30
SMD700L-16V	6.73	7.98	4.80	5.44	0.60	1.30	0.30
SMD800L	6.73	7.98	4.80	5.44	0.40	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>i_min</sub> (Ω)	R <sub>i_typ</sub> (Ω)	UL	CQC
SMD030L	60	100	0.30	0.60	1.5	1.5	3.0	0.600	4.800	✓	✓
SMD050L	60	100	0.50	1.00	1.5	2.5	4.0	0.180	1.400	✓	✓
SMD075L	33	100	0.75	1.50	1.5	8.0	0.3	0.100	1.000	✓	✓
SMD075L-60V	60	100	0.75	1.50	1.5	8.0	0.3	0.100	1.000	✓	✓
SMD100L	33	100	1.10	2.20	1.5	8.0	0.5	0.065	0.410	✓	✓
SMD100L-60V	60	100	1.10	2.20	1.5	8.0	0.5	0.065	0.410	✓	✓
SMD125L	33	100	1.25	2.50	1.5	8.0	2.0	0.050	0.250	✓	✓
SMD150L	33	100	1.50	3.00	1.5	8.0	2.0	0.035	0.230	✓	✓
SMD185L	33	100	1.85	3.70	1.5	8.0	2.5	0.030	0.150	✓	✓
SMD200L	16	100	2.00	4.00	1.5	8.0	4.5	0.020	0.120	✓	✓
SMD200L-24V	24	100	2.00	4.00	1.5	8.0	4.5	0.020	0.120	✓	✓
SMD250L	16	100	2.50	5.00	1.5	8.0	16.0	0.020	0.085	✓	✓
SMD260L	6	100	2.60	5.20	1.5	8.0	10.0	0.014	0.075	✓	✓
SMD300L	6	100	3.00	6.00	1.5	8.0	20.0	0.012	0.048	✓	✓
SMD300L-13.2V	13.2	100	3.00	6.00	1.5	8.0	20.0	0.012	0.048	✓	✓
SMD300L-16V	16	100	3.00	6.00	1.5	8.0	20.0	0.012	0.048	✓	✓
SMD300L-24V	24	100	3.00	6.00	1.5	8.0	20.0	0.012	0.048	✓	✓
SMD400L	6	100	4.00	8.00	1.8	16.0	20.0	0.012	0.035	✓	✓
SMD400L-12V	12	100	4.00	8.00	1.8	16.0	20.0	0.012	0.035	✓	✓
SMD400L-13.2V	13.2	100	4.00	8.00	1.8	16.0	20.0	0.012	0.035	✓	✓
SMD400L-16V	16	100	4.00	8.00	1.8	16.0	20.0	0.012	0.035	✓	✓
SMD400L-24V	24	100	4.00	8.00	1.8	16.0	20.0	0.012	0.035	✓	✓
SMD500L	6	100	5.00	10.00	1.8	20.0	10.0	0.005	0.031	✓	✓
SMD500L-12V	12	100	5.00	10.00	1.8	20.0	10.0	0.005	0.031	✓	✓
SMD500L-13.2V	13.2	100	5.00	10.00	1.8	20.0	10.0	0.005	0.031	✓	✓
SMD500L-16V	16	100	5.00	10.00	1.8	20.0	10.0	0.005	0.031	✓	✓
SMD500L-24V	24	100	5.00	10.00	1.8	20.0	10.0	0.005	0.031	✓	✓
SMD600L	6	100	6.00	12.00	1.8	25.0	8.0	0.004	0.026	✓	✓
SMD600L-13.2V	13.2	100	6.00	12.00	1.8	25.0	8.0	0.004	0.026	✓	✓
SMD600L-16V	16	100	6.00	12.00	1.8	25.0	8.0	0.004	0.026	✓	✓
SMD600L-24V	24	100	6.00	12.00	1.8	25.0	8.0	0.004	0.026	✓	✓
SMD700L	6	100	7.00	14.00	1.8	35.0	2.0	0.002	0.018	✓	✓
SMD700L-12V	12	100	7.00	14.00	1.8	35.0	2.0	0.002	0.018	✓	✓
SMD700L-13.2V	13.2	100	7.00	14.00	1.8	35.0	2.0	0.002	0.018	✓	✓
SMD700L-16V	16	100	7.00	14.00	1.8	35.0	2.0	0.002	0.018	✓	✓
SMD800L	6	100	8.00	16.00	1.8	35.0	2.5	0.001	0.010		✓

**Order Information**

**Packaging**

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

Recognition: SMD030L, 050L, 075L, 100L, 150L, 185L, 300L, 400L, 500L, 700L, UL Approved. E201504/E319079



CQC25001473187  
GB 4943.1-2022;IEC 60730-1 : 2013 15、17、J.15、J.17;GB/T 7153-2



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