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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD(2920) series
 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

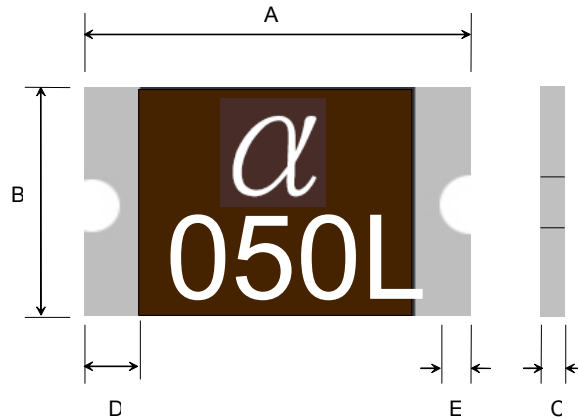


TABLE I. DIMENSIONS:

Model	A		B		C		D
	MIN	MAX	MIN	MAX	MIN	MAX	MIN
SMD030L	6.73	7.98	4.80	5.44	0.60	1.15	0.30
SMD050L	6.73	7.98	4.80	5.44	0.60	1.15	0.30
SMD075L	6.73	7.98	4.80	5.44	0.60	1.15	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	0.30	0.90	0.30
SMD200L	6.73	7.98	4.80	5.44	0.30	0.90	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

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 _{1 max} (Ω)
SMD030L	60	100	0.30	0.60	1.500	1.5	3.0	0.600	0.900	4.800
SMD050L	60	100	0.50	1.00	1.500	2.5	4.0	0.180	0.280	1.400
SMD075L	33	100	0.75	1.50	1.500	8.0	0.3	0.100	0.155	1.000
SMD100L	33	100	1.10	2.20	1.500	8.0	0.5	0.065	0.090	0.410
SMD125L	33	100	1.25	2.50	1.500	8.0	2.0	0.050	0.070	0.250
SMD150L	33	100	1.50	3.00	1.500	8.0	2.0	0.035	0.045	0.230
SMD185L	33	100	1.85	3.70	1.500	8.0	2.5	0.030	0.040	0.150
SMD200L	16	100	2.00	4.00	1.500	8.0	4.5	0.020	0.028	0.120
SMD250L	16	100	2.50	5.00	1.500	8.0	16.0	0.020	0.028	0.085
SMD260L	6	100	2.60	5.20	1.500	8.0	10.0	0.014	0.020	0.075
SMD300L-6V	6	40	3.00	6.00	1.500	8.0	20.0	0.012	0.017	0.048
SMD300L	16	100	3.00	6.00	1.500	8.0	20.0	0.012	0.017	0.048

Order Information

Packaging

SMD2920	300	-6V	Tape & Reel Quantity
Product name	Hold	Max	2000 pcs/reel
Size 7555 mm / 2920 mils	Current	voltage	
SMD: surface mount device	3.00A		

