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

PRODUCT: SMD050L  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2024-9-2  
 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

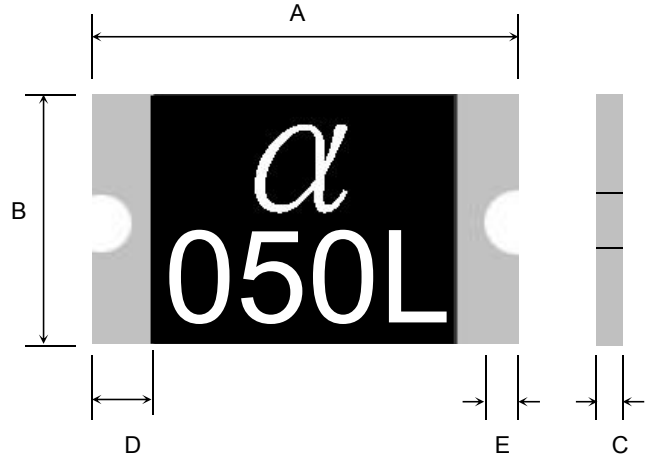


TABLE I. DIMENSIONS:

Model	A		B		C		D
	MIN	MAX	MIN	MAX	MIN	MAX	MIN
SMD050L	6.73	7.98	4.80	5.44	0.60	1.30	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)	$R_{1_{max}}$ (Ω)
SMD050L	60	100	0.50	1.00	1.5	2.5	4.0	0.180	1.400

### Order Information

### Packaging

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

Recognition: Agency Approved.

E201504/E319079



Regulation/Standard:

2015/865/EU  
 EN14582

