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**Techfuse
PTC Devices**

Resettable Fuse

PRODUCT: SMD2018-050

DOCUMENT: QR0429

ECN. NO.:

REV LETTER:

REV DATE: 2012-8-6

PAGE NO.: 1 of 1

Specification Sheet

Terminal Pad Solderability:

Meets EIA Specification RS186-9E

And ANSI/J-STD-002 Category 3.

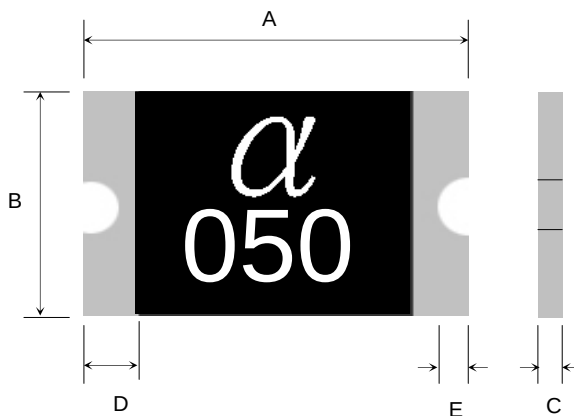
Terminal Pad Materials:

Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

α Alpha Logo
050 Part Identification

**TABLE I. DIMENSIONS:**

Model	A		B		C		D
	Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD2018-050	4.72	5.44	4.22	4.93	0.70	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)
SMD2018-050	60	100	0.55	1.20	1.0	2.5	3.00	0.200	1.000

Order Information**Packaging**

SMD2018	050	Tape & Reel Quantity	
Product name	Hold	Max	
Size 5045 mm / 2018 mils	Current	voltage	1500 pcs/reel
SMD: surface mount device	0.50A		

Recognition: UL Pending.