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

PRODUCT: SMD2018-050  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2021-3-10  
 PAGE NO.: 1 of 1

## Specification Sheet

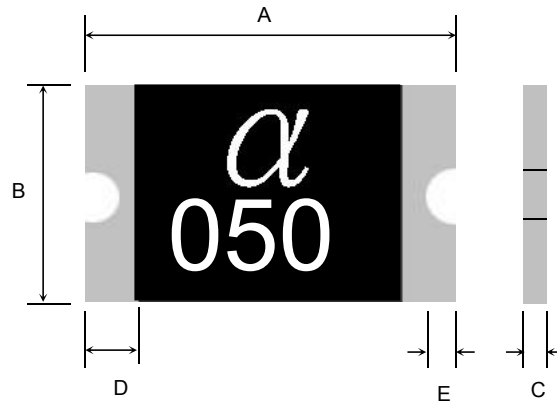
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

$\alpha$  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)	$R_{i_{min}}$ ( $\Omega$ )	$R_{1_{max}}$ ( $\Omega$ )
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	1500 pcs/reel
Size 5045 mm / 2018 mils	Current	voltage	
SMD: surface mount device	0.50A		

Recognition:

2015/863/EU  
 EN14582

