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

PRODUCT: SMD2018-100  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2014/12/27  
 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  
 100 Part Identification

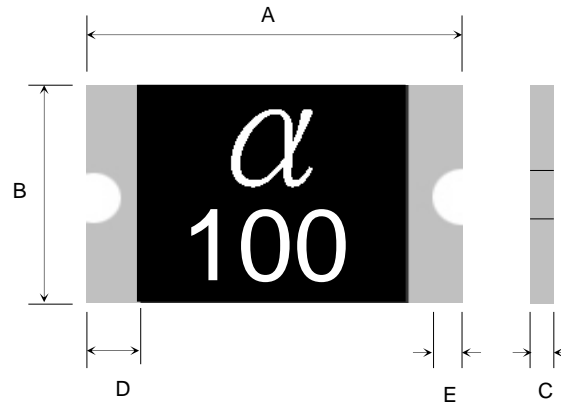


TABLE I. DIMENSIONS:

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD2018-100	4.72	5.44	4.22	4.93	0.60	1.10	0.30	0.25

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)	$R_{1min}$ ( $\Omega$ )	$R_{1max}$ ( $\Omega$ )
SMD2018-100	15	100	1.10	2.20	1.1	8.0	0.40	0.060	0.360

### Order Information

### Packaging

SMD2018	100	Tape & Reel Quantity	
Product name	Hold	Max	2500 pcs/reel
Size 5045 mm / 2018 mils	Current	voltage	
SMD: surface mount device	1.10A		

Recognition: UL Pending.