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**Techfuse
PTC Devices**

Resettable Fuse

PRODUCT: SMD2018-100

DOCUMENT: QR0429

ECN. NO.:

REV LETTER:

REV DATE: 2012-8-6

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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
100 Part Identification

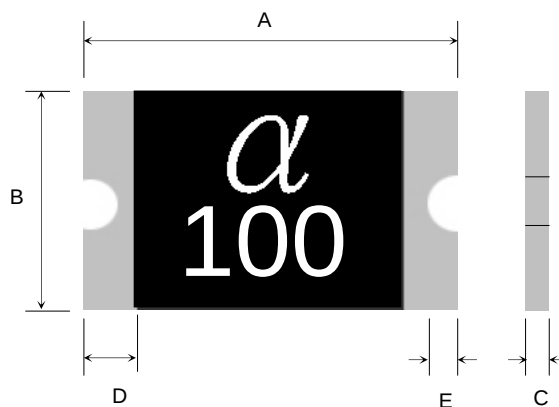


TABLE I. DIMENSIONS:

Model	A		B		C		D
	Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD2018-100	4.72	5.44	4.22	4.93	0.45	0.80	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)	$R_{\min}$ (Ω)	$R_{\max}$ (Ω)
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	
Size 5045 mm / 2018 mils	Current	voltage	2500 pcs/reel
SMD: surface mount device	1.10A		

Recognition: UL Pending.