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

PRODUCT: SMD2018-100-33V  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2011-3-10  
 PAGE NO.: 1 of 1

## Specification Sheet

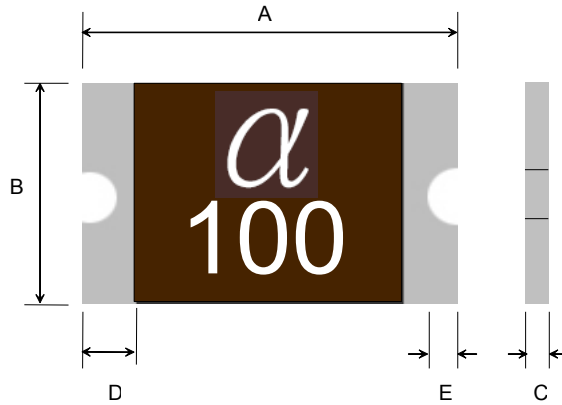
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

α Alpha Logo  
 100 Part Identification



**TABLE I. DIMENSIONS:**

Model	A		B		C		D
	Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD2018-100-33V	4.72	5.44	4.22	4.93	0.45	0.80	0.30

Unit:mm

**TABLE II. PERFORMANCE RATINGS:**

Model	V <sub>max</sub> (V)	I <sub>max</sub> (A)	I <sub>hold</sub> @25°C (A)	I <sub>trip</sub> @25°C (A)	P <sub>d</sub> Typ. (W)	Maximum Time To Trip		Resistance		
						Current (A)	Time (Sec)	R <sub>i min</sub> (Ω)	R <sub>I max</sub> (Ω)	R <sub>1 max</sub> (Ω)
SMD2018-100-33V	33	100	1.10	2.20	1.1	8.0	0.40	0.060	0.110	0.360

**Order Information**

**Packaging**

SMD2018	100	33	Tape & Reel Quantity
Product name	Hold	Max	100 1500 pcs/reel
Size 5045 mm / 2018 mils	Current	voltage	
SMD: surface mount device	1.10A		

Recognition: UL Pending.