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

PRODUCT: SMD2018-100-33V  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2026/4/1  
 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

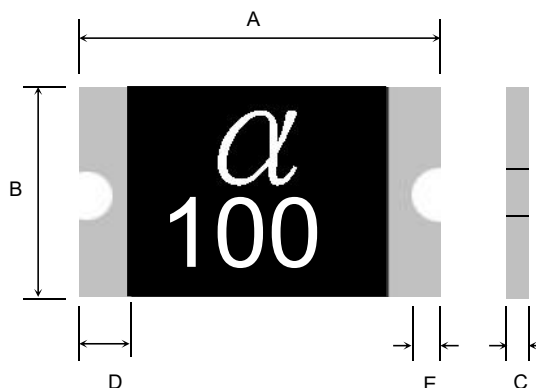


TABLE I. DIMENSIONS:

Model	A		B		C		D
	Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD2018-100-33V	4.72	5.44	4.22	4.93	0.60	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)	$R_{i_{min}}$ ( $\Omega$ )	$R_{1_{max}}$ ( $\Omega$ )
SMD2018-100-33V	33	100	1.10	2.20	1.1	8.0	0.40	0.060	0.360

### Order Information

### Packaging

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

Agency Approvals :



E201504(Alpha-Top)/E319079(Sea&Land)



CQC25001473187

GB 4943.1-2022; IEC 60730-1 : 2013 15、17、J.15、J.17; GB/T 7153-2002

Regulation/Standard:



2015/863/EU



EN14582