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

PRODUCT: mSMD050-33V  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2014/4/14  
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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:

$\alpha$  Alpha Logo  
 050 Part Identification

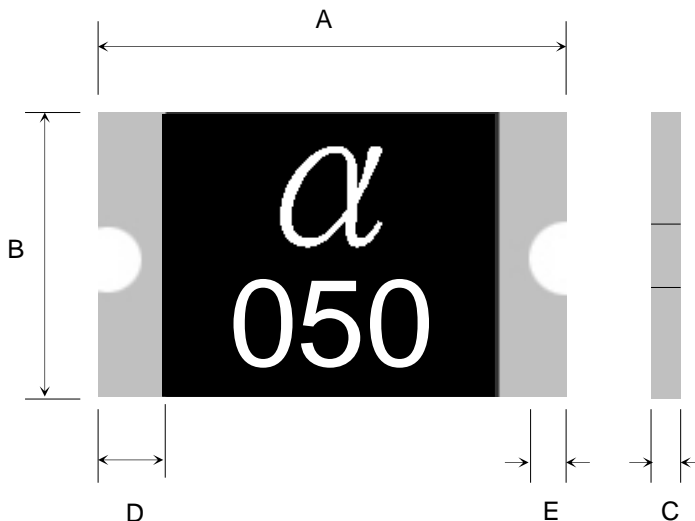


TABLE I. DIMENSIONS:

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
mSMD050-33V	4.37	4.73	3.07	3.41	0.60	1.30	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)	$R_{i_{min}}$ (Ω)	$R_{1_{max}}$ (Ω)
						mSMD050-33V	33.0	100	0.50

mSMD1812	050	-33V	Tape & Reel Quantity
Product name	Hold	Max	1500 pcs/reel
Size 4532 mm / 1812 mils	Current	voltage	
SMD: surface mount device	0.50A		

Recognition: UL Approved.

E201504/E319079

