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

PRODUCT: mSMD020

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.

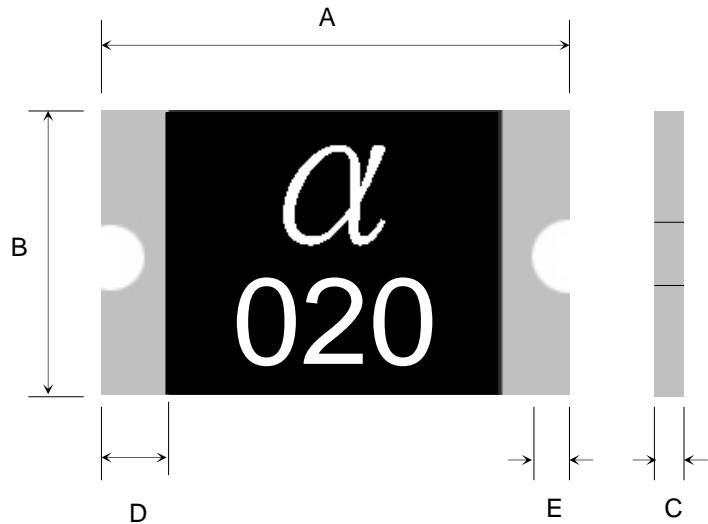
Terminal Pad Materials:

Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

$\alpha$  Alpha Logo  
 020 Part Identification



**TABLE I. DIMENSIONS:**

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
mSMD020	4.37	4.73	3.07	3.41	0.50	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)	$R_{i_{min}}$ ( $\Omega$ )	$R_{1_{max}}$ ( $\Omega$ )
mSMD020	30.0	100	0.20	0.40	0.8	8.0	0.02	0.350	5.000

mSMD1812	020	Tape & Reel Quantity	
Product name	Hold	Max	1500 pcs/reel
Size 4532 mm / 1812 mils	Current	voltage	
SMD: surface mount device	0.20A		

Recognition: UL Pending.