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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: mSMD020
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2011-3-10
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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
 020 Part Identification

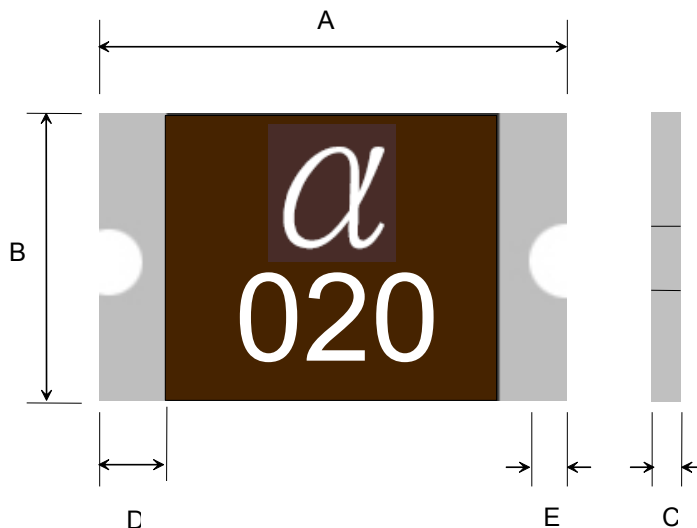


TABLE I. DIMENSIONS:

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	1.00	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 _{I_typ} (Ω)	R _{I_max} (Ω)
mSMD020	30.0	100	0.20	0.40	0.8	8.0	0.02	0.350	0.800	5.000

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

Recognition: UL Pending.