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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: nSMD020
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2023-1-3
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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:

Part Identification
 nSMD020 = αA

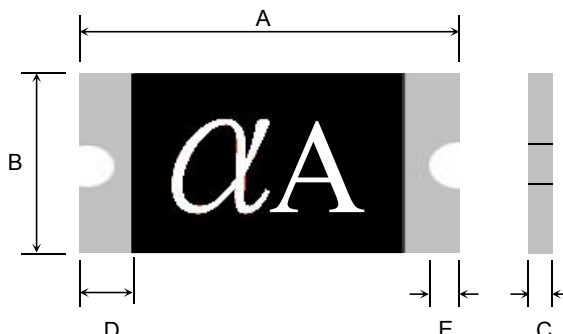


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD020	αA	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	Marking	V _{max} (Vdc)	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)
nSMD020	αA	24.0	100	0.20	0.46	0.6	8.0	0.08	0.350	2.700

Order Information

Packaging

SMD1206	020	Tape & Reel Quantity
Product name	Hold	Max
Size 3216 mm / 1206 mils	Current	voltage
SMD: surface mount device	0.20A	5000 pcs/reel

Recognition: UL Pending. E201504/E319079



2015/863/EU



EN14583

