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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: nSMD020-30V
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2023-1-3
 PAGE NO.: 1 of 1

Specification Sheet

Terminal Pad Solderability:
 Meets EIA Specification RS186-9E
 And ANSI/J-STD-002 Category 3.

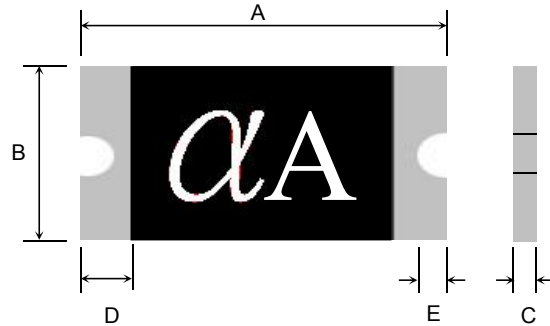
Terminal Pad Materials:
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification

nSMD020 = αA

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD020-30V	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)
nSMD020-30V	αA	30	100	0.20	0.46	0.6	8.0	0.08	0.350	2.700

Order Information**Packaging**

SMD1206	020-30V	Tape & Reel Quantity
Product name	Hold Max	5000 pcs/reel
Size 3216 mm / 1206 mils	Current voltage	
SMD: surface mount device	0.20A	

Recognition: UL approved. E201504/E319079

2015/863/EU
 EN14582

