

SEA&LAND ELECTRONIC CORP.			PRODUCT:	nSMD020
13F., No.120-10,			DOCUMENT:	QR0429
Sec. 3, Zhongshan Rd., Zhonghe Dist.,New Taipei City 235,			ECN. NO.:	
Taiwan			REV LETTER:	
Tel.: 886-2-8221-2567			REV DATE:	2025/10/1
Fax.: 886-2-2225-7268			PAGE NO.:	1 of 1
Techfuse				
PTC Devices				
Resettable Fuse				

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

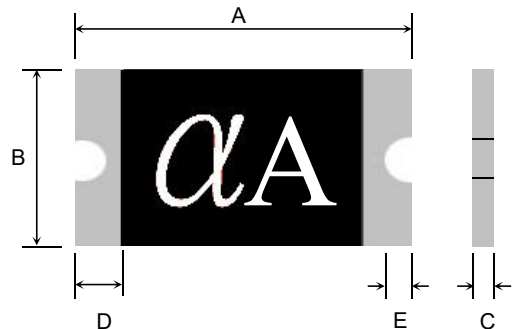


TABLE I. DIMENSIONS:

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	5000 pcs/reel
SMD: surface mount device	0.20A		

Agency Approvals :



E201504(Alpha-Top)/E319079(Sea&Land)



J 50656626



CQC25001473187

GB 4943.1-2022;IEC 60730-1 : 2013 15、17、J.15、J.17;GB/T 7153-2002

Regulation/Standard:



2015/863/EU



EN14582