

**SEA&LAND ELECTRONIC CORP.**

13F.,No.120-10,  
 Sec.3,Zhongshan Rd.,Zhonghe City,Taipei County,  
 Taiwan, R.O.C.  
 Tel.: 886-2-8221-2567  
 Fax.: 886-2-2225-7268

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

PRODUCT: nSMD025  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2011-3-10  
 PAGE NO.: 1 of 1

# Specification Sheet

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

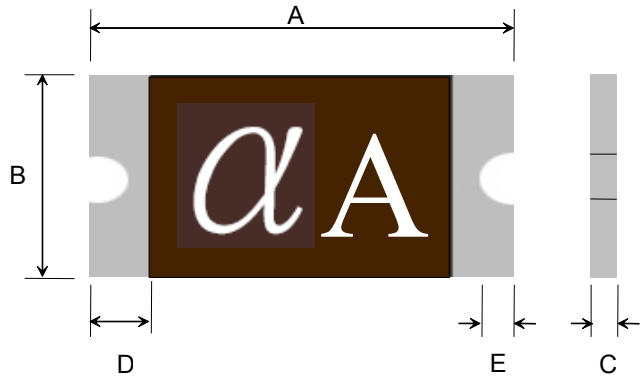
Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

**Marking:**

Part Identification

nSMD025 = α A

**TABLE I. DIMENSIONS**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD025	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 <sub>max</sub> (Vdc)	I <sub>max</sub> (A)	I <sub>hold</sub> @25°C (A)	I <sub>trip</sub> @25°C (A)	P <sub>d</sub> Typ. (W)	Maximum Time To Trip		Resistance		
							Current (A)	Time (Sec)	R <sub>Imin</sub> (Ω)	R <sub>I<sub>typ</sub></sub> (Ω)	R <sub>I<sub>max</sub></sub> (Ω)
nSMD025	αA	16.0	100	0.25	0.50	0.6	8.0	0.08	0.350	0.480	2.500

**Order Information****Packaging**

SMD1206	025	Tape & Reel Quantity	
Product name	Hold	Max	5000 pcs/reel
Size 3216 mm / 1206 mils	Current	voltage	
SMD: surface mount device	0.25A		

Recognition: UL Approved.

E201504/E319079

