

**SEA&LAND ELECTRONIC CORP.**

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

PRODUCT: nSMD010  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2021-11-23  
 PAGE NO.: 1 of 1

# Specification Sheet

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

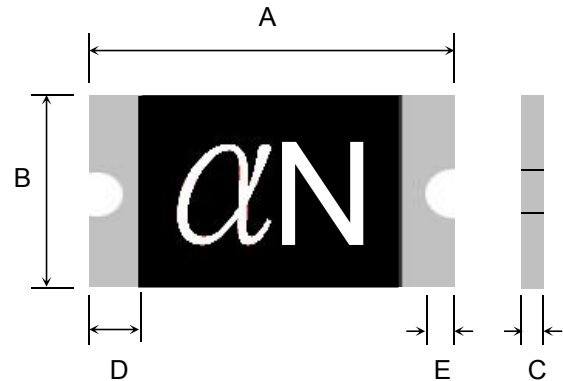
Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

**Marking:**

Part Identification

nSMD010 =  $\alpha$  N

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD010	$\alpha$ N	3.00	3.50	1.50	1.80	0.60	1.10	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)	$R_{i_{min}}$	$R_{1_{max}}$
									( $\Omega$ )	( $\Omega$ )
nSMD010	$\alpha$ N	60	100	0.10	0.25	0.4	0.5	1.00	1.600	15.000

**Order Information****Packaging**

SMD1206	010	Tape & Reel Quantity
Product name	Hold Max	3500 pcs/reel
Size 3216 mm / 1206 mils	Current voltage	
SMD: surface mount device	0.10A	

Recognition:

E201504/E319079



2015/863/EU  
 EN14582

