

SEA&LAND ELECTRONIC CORP.

13F., No.120-10,
 Sec. 3, Zhongshan Rd., Zhonghe Dist., New Taipei City 235,
 Taiwan
 Tel.: 886-2-8221-2567
 Fax.: 886-2-2225-7268

Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: nSMD012
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2019/6/17
 PAGE NO.: 1 of 1

Specification Sheet

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

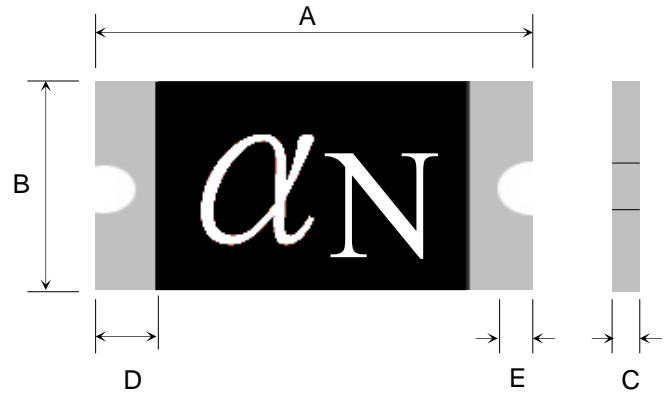
Terminal Pad Materials:
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification

nSMD012 = α N

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD012	α 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)	$R_{i_{min}}$ (Ω)	$R_{1_{max}}$ (Ω)
nSMD012	α N	60	100	0.12	0.29	0.4	0.5	1.00	1.600	15.000

Order Information**Packaging**

SMD1206	012	Tape & Reel Quantity	
Product name	Hold	Max	3500 pcs/reel
Size 3216 mm / 1206 mils	Current	voltage	
SMD: surface mount device	0.12A		

Recognitio UL Approved.

E201504/E319079

