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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: nSMD010
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2011-3-10
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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 = α N

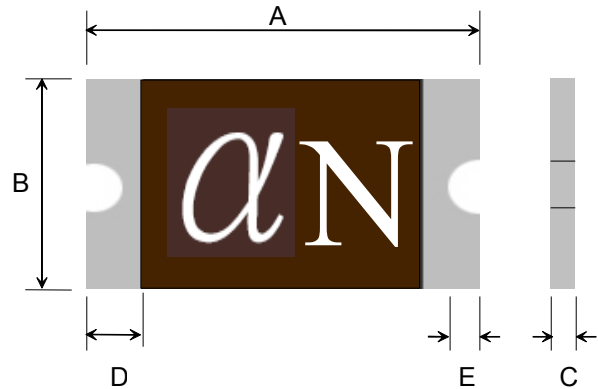


TABLE I. DIMENSIONS

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD010	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)	$R_{I_{typ}}$ (Ω)	$R_{I_{max}}$ (Ω)
nSMD010	α N	60	100	0.10	0.25	0.4	0.5	1.00	1.600	6.000	15.000

Order Information

Packaging

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

Recognition: UL Pending.