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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: nSMD005
 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.

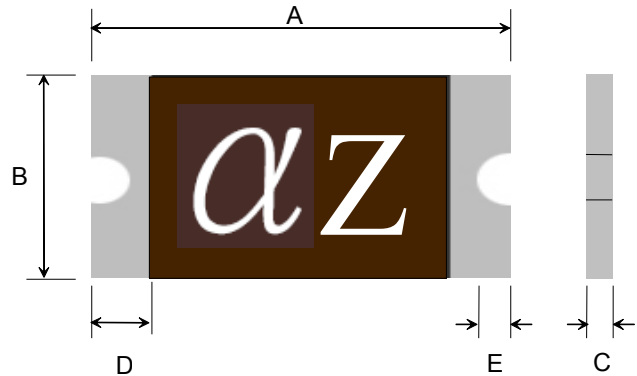
Terminal Pad Materials:
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification

nSMD005 = αZ

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD005	αZ	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 _{1_max} (Ω)

Order Information**Packaging**

SMD1206	005	Tape & Reel Quantity
Product name	Hold Max	3500 pcs/reel
Size 3216 mm / 1206 mils	Current voltage	
SMD: surface mount device	0.05A	

Recognition: UL Pending.