

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: nSMD005
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2020/12/2
 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

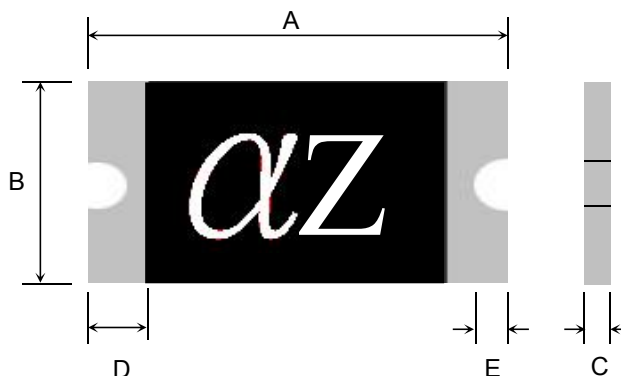


TABLE I. DIMENSIONS:

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)
nSMD005	αZ	60	100	0.05	0.15	0.4	0.25	1.5	3.600	10.000	50.000

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 Approved.

E201504/E319079

