

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: SMD1210-175

DOCUMENT: QR0429

ECN. NO.:

REV LETTER:

REV DATE: 2012-8-3

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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

SMD1210-175 = α N

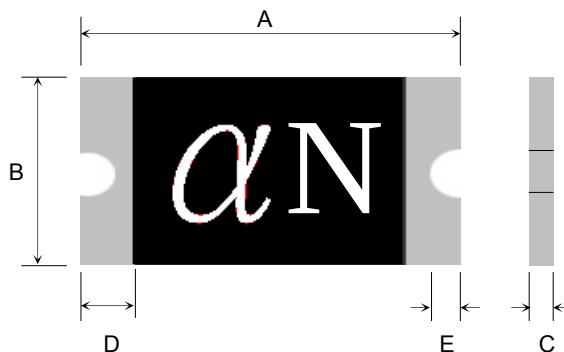


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD1210-175	α N	3.00	3.43	2.35	2.80	0.50	1.20	0.30

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	Marking	$V_{\max}$ (V)	$I_{\max}$ (A)	I_{hold} @25°C (A)	I_{trip} @25°C (A)	P_d Typ. (W)	Maximum Time To Trip		Resistance	
							Current (A)	Time (Sec)	$R_{\min}$ (Ω)	$R_{\max}$ (Ω)
SMD1210-175	α N	6	100	1.75	3.50	0.8	8.0	0.60	0.020	0.080

Order Information

Packaging

SMD1210	175	Tape & Reel Quantity	
Product name	Hold	Max	
Size 3225 mm / 1210 mils	Current	voltage	4500 pcs/reel
SMD: surface mount device	1.75A		

Recognition: UL Pending.