

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: 2026/3/27
 PAGE NO.: 1 of 1

Specification Sheet

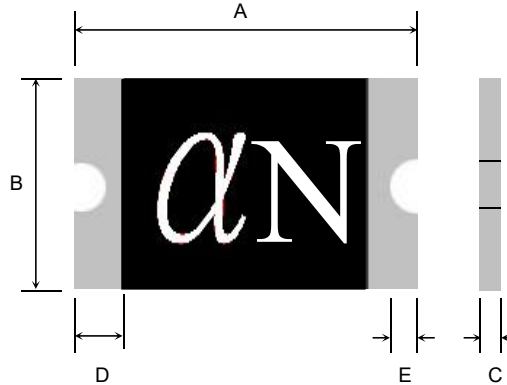
Terminal Pad Solderability:
 Meets EIA Specification RS186-9E
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification
 SMD1210-175 = αN

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD1210-175	αN	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10

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 _{i_min} (Ω)	R _{1_max} (Ω)
SMD1210-175	αN	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
SMD: surface mount device	1.75A	4500 pcs/reel

Agency Approvals :

CQC25001473187

GB 4943.1-2022;IEC 60730-1 : 2013 15、17、J.15、J.17;GB/T 7153-2002

Regulation/Standard:

2015/863/EU



EN14582