

**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 series  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2014/12/27  
 PAGE NO.: 1 of 1

## Specification Sheet

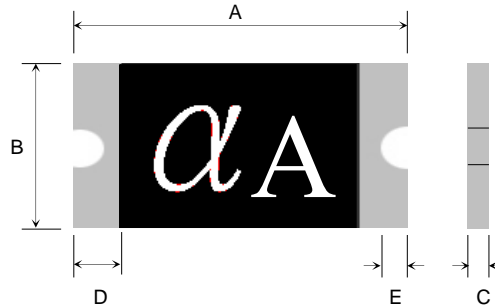
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

**Marking:**

Part Identification  
 SMD1210-005 = αA



**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD1210-005	αA	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10
SMD1210-010	αB	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10
SMD1210-020	αC	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10
SMD1210-025	αC	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10
SMD1210-035	αD	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10
SMD1210-050	αF	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10
SMD1210-075	αG	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10
SMD1210-100	αH	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10
SMD1210-110	αH	3.00	3.43	2.35	2.80	0.40	0.90	0.30	0.10
SMD1210-150	αL	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10
SMD1210-175	αN	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10
SMD1210-200	αS	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 <sub>max</sub> (V)	I <sub>max</sub> (A)	I <sub>hold</sub> @25°C (A)	I <sub>trip</sub> @25°C (A)	P <sub>d</sub> Typ. (W)	Maximum Time To Trip		Resistance	
							Current (A)	Time (Sec)	R <sub>i min</sub> (Ω)	R <sub>1 max</sub> (Ω)
SMD1210-005	αA	30	100	0.05	0.15	0.6	0.25	1.50	2.800	50.000
SMD1210-010	αB	30	100	0.10	0.30	0.6	0.50	0.60	0.800	15.000
SMD1210-020	αC	30	100	0.20	0.40	0.6	8.0	0.02	0.400	5.000
SMD1210-025	αC	30	100	0.25	0.50	0.6	8.0	0.02	0.400	4.500
SMD1210-035	αD	6.0	100	0.35	0.75	0.6	8.0	0.20	0.200	1.300
SMD1210-050	αF	13.2	100	0.50	1.00	0.6	8.0	0.10	0.180	0.900
SMD1210-075	αG	6.0	100	0.75	1.50	0.6	8.0	0.10	0.070	0.400
SMD1210-100	αH	6.0	100	1.00	1.80	0.6	8.0	0.30	0.055	0.230
SMD1210-110	αH	6.0	100	1.10	2.20	0.6	8.0	0.30	0.050	0.210
SMD1210-150	αL	6.0	100	1.50	3.00	0.6	8.0	0.50	0.030	0.110
SMD1210-175	αN	6.0	100	1.75	3.50	0.8	8.0	0.60	0.020	0.080
SMD1210-200	αS	6.0	100	2.00	4.00	0.8	8.0	1.00	0.015	0.070

**Order Information**

**Packaging**

SMD1210	010	Tape & Reel Quantity	
Product name	Hold	Max	050,075 4000 pcs/reel
Size 3225 mm / 1210 mils	Current	voltage	The others 4500 pcs/reel
SMD: surface mount device	0.10A		

Recognition: SMD1210-050 : UL Approved.

E201504/E319079



单击下面可查看定价，库存，交付和生命周期等信息

[>>SEA-LAND\(台湾陆海\)](#)