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**Techfuse**  
**PTC Devices**  
 Resettable Fuse

PRODUCT: SMD1210-110  
 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  
 SMD1210-110 = αH

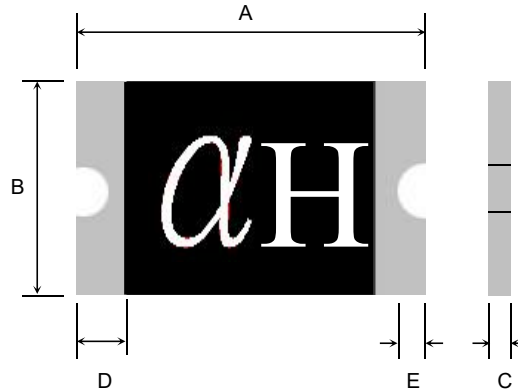


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D		E	
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
SMD1210-110	αH	3.00	3.43	2.35	2.80	0.40	0.09	0.30	0.10	0.10	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)
SMD1210-110	αH	6	100	1.1	2.20	0.6	8	0.30	0.050	0.210

### Order Information

### Packaging

SMD1210	110	Tape & Reel Quantity
Product name	Hold Max	4500 pcs/reel
Size 3225 mm / 1210 mils	Current voltage	
SMD: surface mount device	1.10A	

Agency Approvals :



E201504(Alpha-Top)/E319079(Sea&Land)



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