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

PRODUCT: SMD1210-150  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2025/9/25  
 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  
 SMD1210-150 =  $\alpha L$

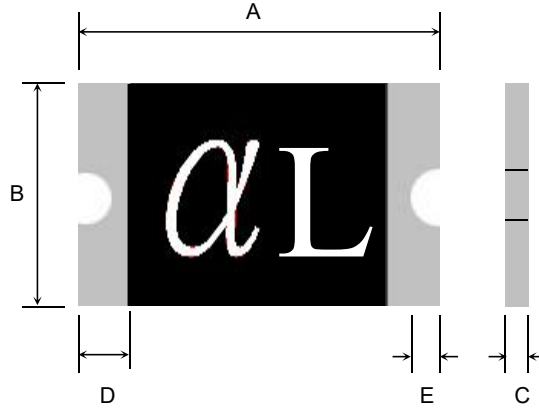


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E	Unit:mm
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.	
SMD1210-150	$\alpha L$	3.00	3.43	2.35	2.80	0.50	1.20	0.30	0.10	

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)	$R_{i_{min}}$ ( $\Omega$ )	$R_{1_{max}}$ ( $\Omega$ )
SMD1210-150	$\alpha L$	6	100	1.50	3.00	0.6	8.0	0.50	0.030	0.110

### Order Information

### Packaging

SMD1210	150	Tape & Reel Quantity
Product name	Hold Max	4500 pcs/reel
Size 3225 mm / 1210 mils	Current voltage	
SMD: surface mount device	1.50A	

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