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

PRODUCT: SL1210175  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2026/4/15  
 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

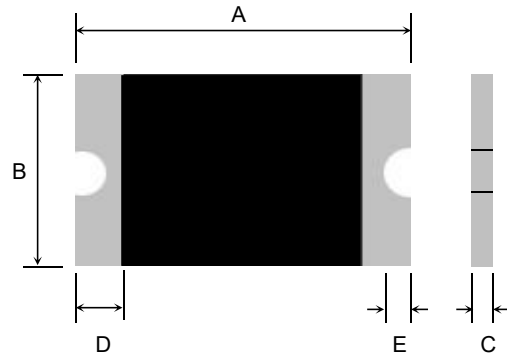


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SL1210175		3.00	3.50	2.35	2.90	0.40	0.80	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)
SL1210175		6	50	1.75	3.50	1.2	8.0	1.0	0.0050	0.0450

### Order Information

### Packaging

SL1210	175	Tape & Reel Quantity
Product name	Hold Max	4000 pcs/reel
Size 3225 mm / 1210 mils	Current voltage	
SL: surface mount device	1.75A	

Agency Approvals :



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



J 50674174

Regulation/Standard:



2015/863/EU



EN14582