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

PRODUCT: SL1210450-12V  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2023-7-14  
 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

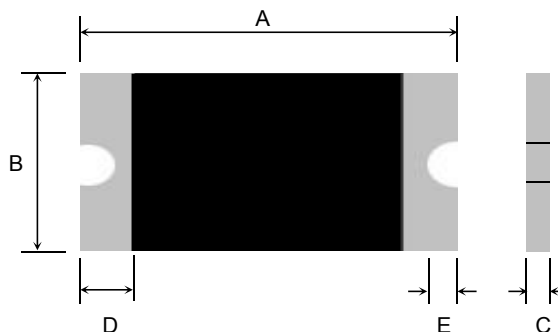


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SL1210450-12V		3.00	3.50	2.35	2.90	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)
SL1210450-12V		12	50	4.50	9.00	1.5	16.0	5.0	0.0010	0.0140

### Order Information

### Packaging

SL1210	450-12V	Tape & Reel Quantity
Product name	Hold Max	4000 pcs/reel
Size 3225 mm / 1210 mils	Current voltage	
SL: surface mount device	4.50A	

Recognition:

E201504/E319079



2015/863/EU



EN14582

