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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SL1210250
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2026/4/15
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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

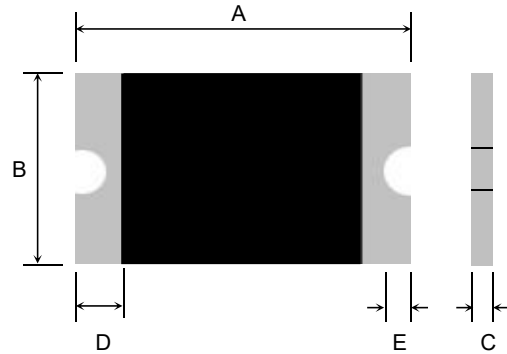


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SL1210250		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)
SL1210250		6	50	2.50	5.00	1.2	8.0	5.0	0.0030	0.0300

Order Information

Packaging

SL1210	250	Tape & Reel Quantity
Product name	Hold	Max
Size 3225 mm / 1210 mils	Current	voltage
SL: surface mount device	2.50A	4000 pcs/reel

Agency Approvals :



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



J 50674174

Regulation/Standard:



2015/863/EU



EN14582