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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SL1210175
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2025-2-19
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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

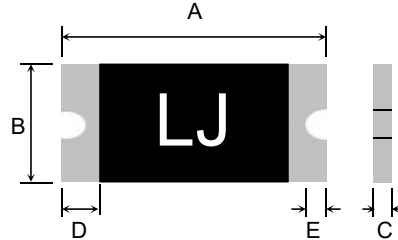


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SL1210175	LJ	3.00	3.50	2.35	2.85	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	LJ	6	50	1.75	4.50	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		

Recognition:

2015/863/EU



EN14582

