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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SL0603100-12V
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2025/2/8
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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

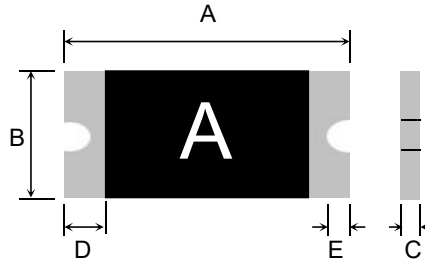


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Max.	Max.	Min.	Min.
SL0603100-12V	A	1.45	1.90	0.65	1.00	0.40	1.00	0.2	0.10

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	Marking	V_{max} (Vdc)	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)
SL0603100-12V	A	12	50	1.0	3.0	1.0	8.0	0.5	0.008	0.120

Order Information

Packaging

SL0603	100-12V	Tape & Reel Quantity
Product name	Hold Max	4000 pcs/reel
Size 1508 mm / 0603 mils	Current voltage	
SL: surface mount device	1.00A	

Recognition: UL approved. E201504/E319079

2015/863/EU

EN14582

