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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SL0603050
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER: A
 REV DATE: 2026/4/28
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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

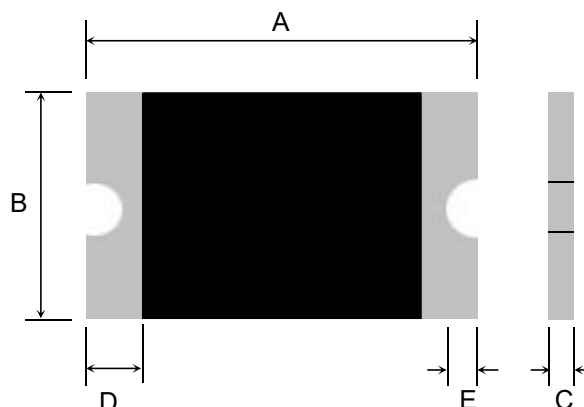


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
SL0603050		~	1.90	~	1.00	~	0.80	0.20

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)
SL0603050		6	50	1.0	2.5	1.0	8.0	0.5	0.0200	0.3500

Order Information

Packaging

SL0603	050	Tape & Reel Quantity
Product name	Hold	4,000 pcs/reel
Size 1508 mm / 0603 mils	Current	
SL: surface mount device	0.50A	

Recognition:

2015/863/EU



EN14582

