

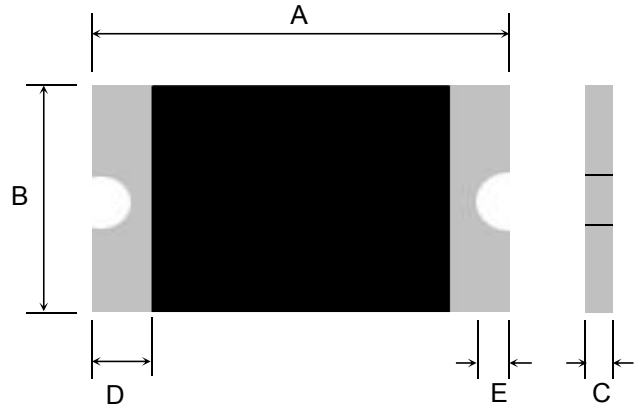
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**Techfuse**  
**PTC Devices**  
 Resettable Fuse

PRODUCT: SL0402050  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER: A  
 REV DATE: 2023-1-5  
 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
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
SL0402050		~	1.20	~	0.80	~	0.70	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)
SL0402050		6	40	0.50	1.00	0.5	8.0	0.1	0.0400	0.4000

**Order Information****Packaging**

SL0402	050	Tape & Reel Quantity
Product name	Hold	XXXX pcs/reel
Size 1005 mm / 0402 mils	Current	
SL: surface mount device	0.50A	

Recognition:

2015/863/EU



EN14582

