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

PRODUCT: SL0603-550  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER: A  
 REV DATE: 2021-9-17  
 PAGE NO.: 1 of 1

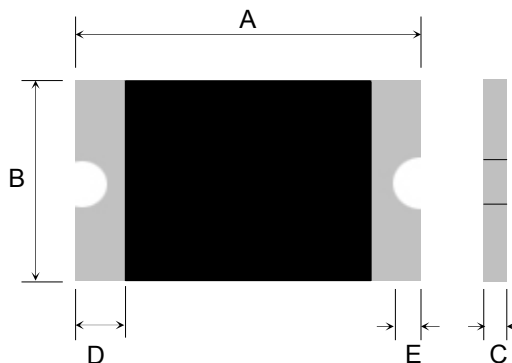
# Specification Sheet

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	A	B	C	D	E
	Max.	Max.	Max.	Min.	Min.
SL0603-550	1.90	1.00	1.40	0.20	0.10

Unit:mm

**TABLE II. PERFORMANCE RATINGS:**

Model	$V_{max}$ (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)
SL0603-550	6.0	50	5.50	11.0	1.5	16.0	5.0	0.008	0.011

**Order Information****Packaging**

SL0603-550	550	Tape & Reel Quantity	
Product name	Hold	Max	3,000 pcs/reel
Size 1508 mm / 0603 mils	Current	voltage	
SMD: surface mount device	5.50A		

Agency Approvals:

Regulation/Standard:  2015/863/EU

 EN14582