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

PRODUCT: SL0603175-12V  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2023-5-26  
 PAGE NO.: 1 of 1

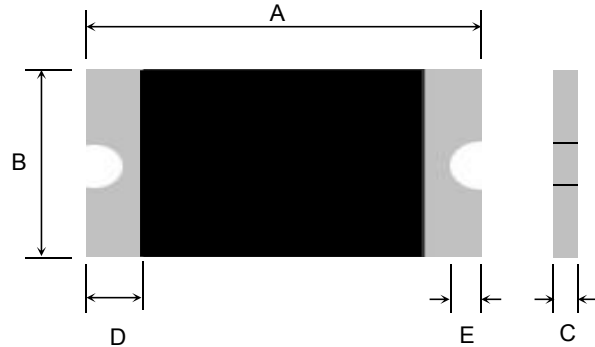
# Specification Sheet

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	E	Unit:mm
		Min.	Max.	Min.	Max.	Max.	Max.	Min.	Min.	
SL0603175-12V		1.45	1.90	0.65	1.00	0.50	1.20	0.2	0.10	

**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)
SL0603175-12V		12	50	1.75	3.50	1.0	8.0	0.50	0.0050	0.0700

**Order Information****Packaging**

SL0603	175-12V	Tape & Reel Quantity	
Product name	Hold	Max	4000 pcs/reel
Size 1508 mm / 0603 mils	Current	voltage	
SL: surface mount device	1.75A		

Recognition: UL approved. E201504/E319079

2015/863/EU

EN14582

