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

PRODUCT: SMD0805-050-13.2V  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2026/3/18  
 PAGE NO.: 1 of 1

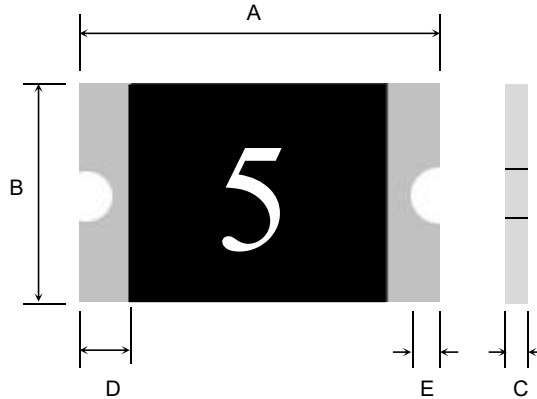
# Specification Sheet

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  
 5 = 050

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD0805-050-13.2V	5	1.90	2.20	1.20	1.50	0.50	1.20	0.20	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)
SMD0805-050-13.2V	5	13	100	0.50	1.00	0.50	8.0	0.10	0.150	0.850

**Order Information****Packaging**

SMD0805	050-13.2V	Tape & Reel Quantity	
Product name	Hold Max	5,000 pcs/reel	
Size 2012 mm / 0805 mils	Current voltage		
SMD: surface mount device	0.50A		

Agency Approvals :



E201504(Alpha-Top)/E319079(Sea&amp;Land)



CQC25001473187

GB 4943.1-2022; IEC 60730-1 : 2013 15、17、J.15、J.17; GB/T 7153-2002

Regulation/Standard:



2015/863/EU



EN14582