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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD0805-050-12V
 DOCUMENT: QR0429
 ECN. NO.:
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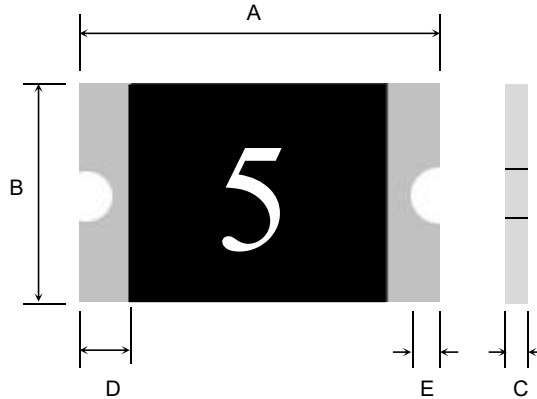
Specification Sheet

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
 5 = 050

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD0805-050-12V	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)
SMD0805-050-12V	5	12	100	0.50	1.00	0.50	8.0	0.10	0.150	0.850

Order Information**Packaging**

SMD0805	050-12V	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&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