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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD0805-050-12V
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER: A
 REV DATE: 2023-1-3
 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

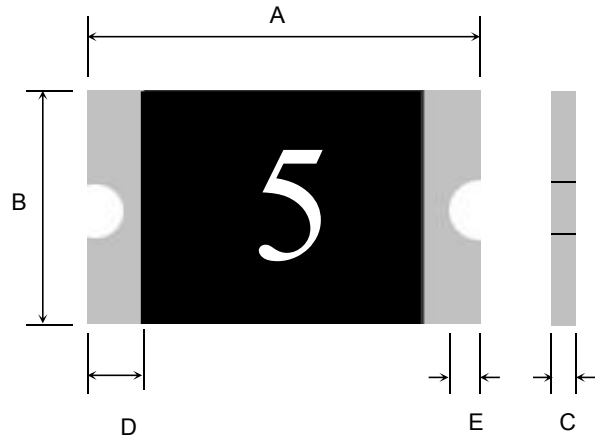


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD0805-050-12V	5	1.90	2.20	1.20	1.50	0.50	1.10	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	0.5	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		

Recognition: UL approved. E201504/E319079



2015/863/EU



EN14582

