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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD0603-050
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER: B
 REV DATE: 2014/3/31
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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

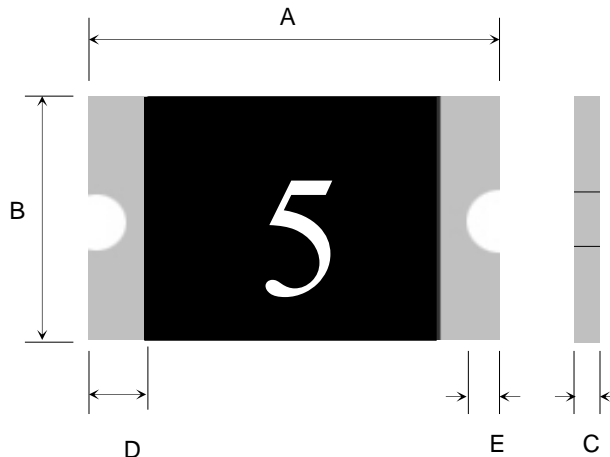


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD0603-050	5	1.45	1.85	0.65	1.05	0.50	1.10	0.15	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)
SMD0603-050	5	6.0	40	0.50	1.00	0.50	8.0	0.10	0.100	0.800

Order Information

Packaging

SMD0603		050		Tape & Reel Quantity	
Product name	Hold	Max			
Size 1508 mm / 0603 mils	Current	voltage	5,000 pcs/reel		
SMD: surface mount device	0.50A				

Recognition: UL Approved.

E201504/E319079

