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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD0603-010
 DOCUMENT: QR0429
 ECN NO.:
 REV LETTER: A
 REV DATE: 2020/12/16
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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
 1 = 010

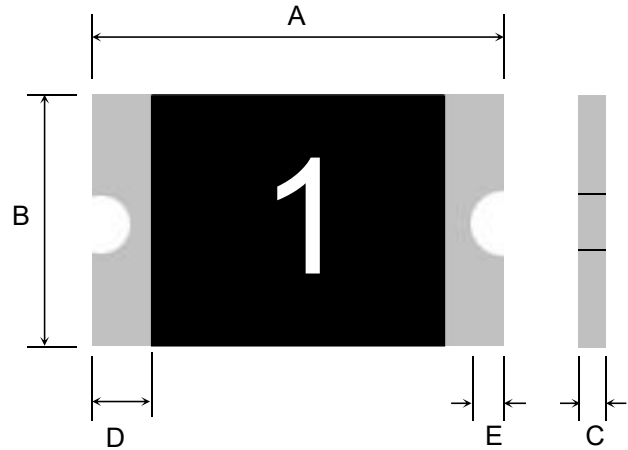


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD0603-010	1	1.45	1.85	0.65	1.05	0.40	1.00	0.15

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)
SMD0603-010	1	24.0	40	0.10	0.30	0.50	0.5	1.00	0.900	10.000

Order Information

Packaging

SMD0603	010	Tape & Reel Quantity	
Product name	Hold	Max	5,000 pcs/reel
Size 1508 mm / 0603 mils	Current	voltage	
SMD: surface mount device	0.10A		

Agency Approvals:



E201504/319079

Regulation/Standard:



2015/863/EU



EN14582