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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD0603-100
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER: A
 REV DATE: 2026/2/23
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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
 0= 100

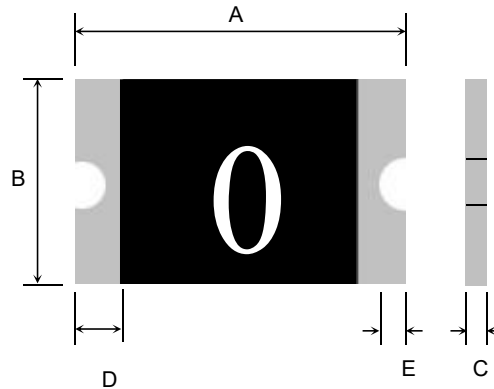


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD0603-100	0	1.45	1.85	0.65	1.05	0.60	1.20	0.15	0.08

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_{Imin} (Ω)	$R_{I max}$ (Ω)
SMD0603-100	0	6	40	1.00	2.00	0.5	8.0	0.10	0.050	0.300

Order Information

Packaging

SMD0603	100	Tape & Reel Quantity
Product name	Hold	Max
Size 1508 mm / 0603 mils	Current	voltage
SMD: surface mount device	1.00A	5,000 pcs/reel

Recognition: UL approved.

2015/863/EU



EN14582

