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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD0603-003-48V
 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
 X= 004

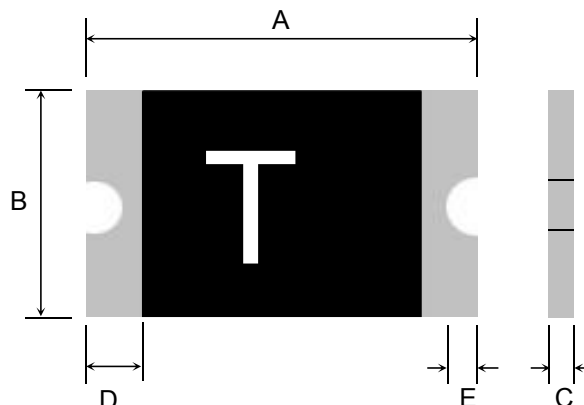


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD0603-003-48V	T	1.45	1.85	0.65	1.05	0.50	1.20	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)
SMD0603-003-48V	T	48	20	0.03	0.10	0.5	0.2	1.00	6.000	50.000

Order Information

Packaging

SMD0603	003-48V	Tape & Reel Quantity
Product name	Hold Max	5,000 pcs/reel
Size 1508 mm / 0603 mils	Current voltage	
SMD: surface mount device	0.03A	

E201504/E319079



2015/863/EU



EN14582

