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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD0603-005
 DOCUMENT: QR0429
 ECN. NO.:
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Specification Sheet

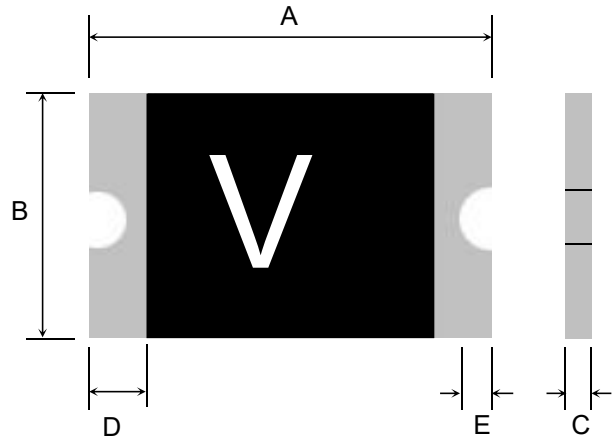
Terminal Pad Solderability:
 Meets EIA Specification RS186-9E
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification
 V= 005

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD0603-005	V	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)
SMD0603-005	V	24.0	40	0.05	0.20	0.50	0.5	1.00	2.000	25.000

Order Information**Packaging**

SMD0603	005	Tape & Reel Quantity	
Product name	Hold	Max	5,000 pcs/reel
Size 1508 mm / 0603 mils	Current	voltage	
SMD: surface mount device	0.05A		

Agency Approvals:

**E201504/319079**

Regulation/Standard:

**2015/863/EU****EN14582**