

**SEA&LAND ELECTRONIC CORP.**

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**Techfuse**  
**PTC Devices**  
 Resettable Fuse

PRODUCT: SMD0603-005  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER: B  
 REV DATE: 2014/3/31  
 PAGE NO.: 1 of 1

# Specification Sheet

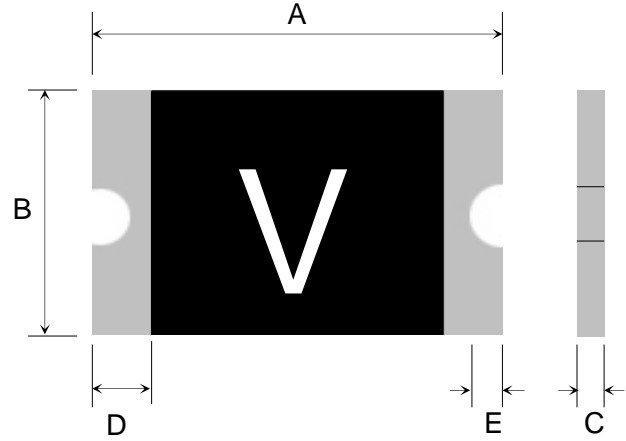
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

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	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD0603-005	V	1.45	1.85	0.65	1.05	0.40	1.00	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)	$R_{i_{min}}$ ( $\Omega$ )	$R_{1_{max}}$ ( $\Omega$ )
SMD0603-005	V	15.0	40	0.05	0.20	0.50	0.5	1.00	2.000	10.000

**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		

Recognition: UL Pending.