

**SEA&LAND ELECTRONIC CORP.**

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

PRODUCT: SMD0603-010  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER: A  
 REV DATE: 2011-3-29  
 PAGE NO.: 1 of 1

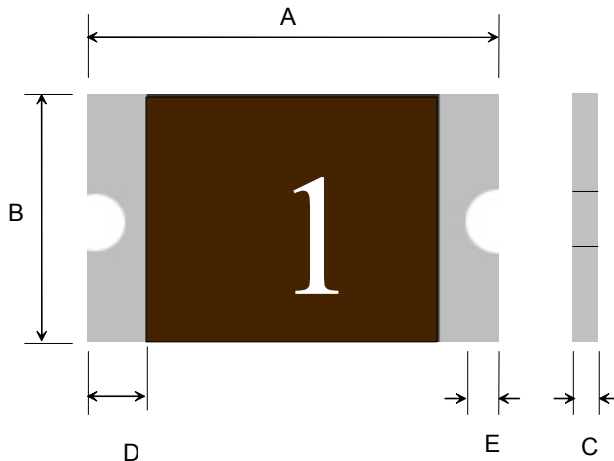
# Specification Sheet

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  
 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 RATING:**

Model	Marking	V <sub>max</sub> (Vdc)	I <sub>max</sub> (A)	I <sub>hold</sub> @25°C (A)	I <sub>trip</sub> @25°C (A)	P <sub>d</sub> Typ. (W)	Maximum Time To Trip		Resistance	
							Current (A)	Time (Sec)	R <sub>i_min</sub> (Ω)	R <sub>1_max</sub> (Ω)
SMD0603-010	1	15.0	40	0.10	0.30	0.50	0.5	1.00	0.900	6.000

**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	

Recognition: UL Pending.