

**SEA&LAND ELECTRONIC CORP.**

13F.,No.120-10,  
 Sec.3,Zhongshan Rd.,Zhonghe City,Taipei County,  
 Taiwan, R.O.C.  
 Tel.: 886-2-8221-2567  
 Fax.: 886-2-2225-7268

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

PRODUCT: SMD0805-100  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2011-3-10  
 PAGE NO.: 1 of 1

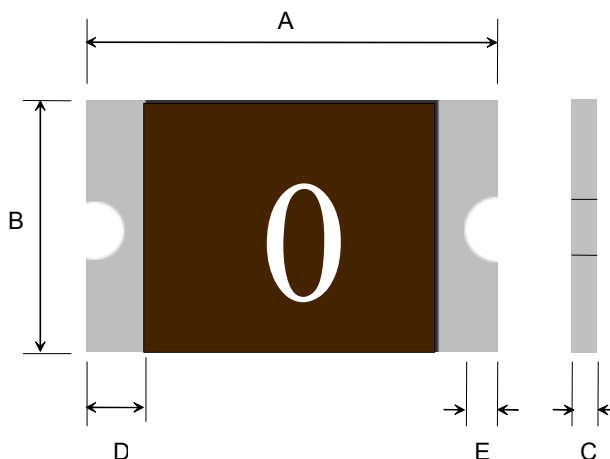
# Specification Sheet

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  
 0 = 100



**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD0805-100	0	2.00	2.20	1.20	1.50	0.50	1.10	0.20	0.10

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</sub> min (Ω)	R <sub>i</sub> typ (Ω)	R <sub>1</sub> max (Ω)
SMD0805-100	0	6.0	100	1.00	1.95	0.60	8.0	0.30	0.060	0.120	0.230

**Order Information**

**Packaging**

SMD0805		100		Tape & Reel Quantity	
Product name	Hold	Max			
Size 2012 mm / 0805 mils	Current	voltage		100	4,000 pcs/reel
SMD: surface mount device	1.00A				

Recognition: UL / TÜV, Approved. E201504/E319079



R50141892

