

SEA&LAND ELECTRONIC CORP.

13F., No.120-10,
Sec. 3, Zhongshan Rd., Zhonghe Dist., New Taipei City 235,
Taiwan
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: 2012-8-2
PAGE NO.: 1 of 1

Specification Sheet

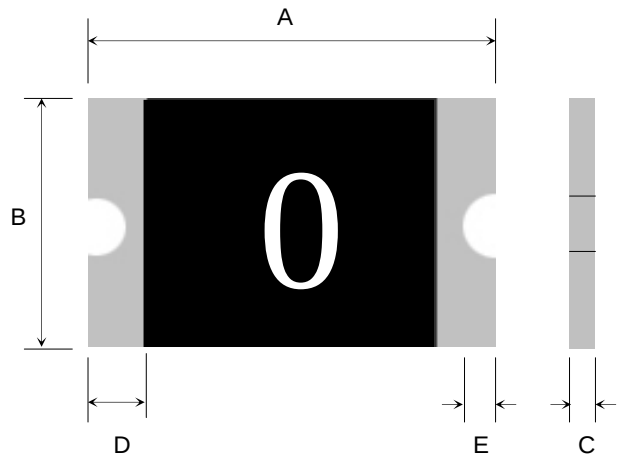
Terminal Pad Solderability:
Meets EIA Specification RS186-9E
And ANSI/J-STD-002 Category 3.

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 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)
SMD0805-100	0	6.0	100	1.00	1.95	0.60	8.0	0.30	0.060	0.230

Order Information**Packaging**

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

Recognition: UL / TÜV, Approved. E201504/E319079



R50141892

