

**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: SMD0805-025  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2012-11-27  
 PAGE NO.: 1 of 1

# Specification Sheet

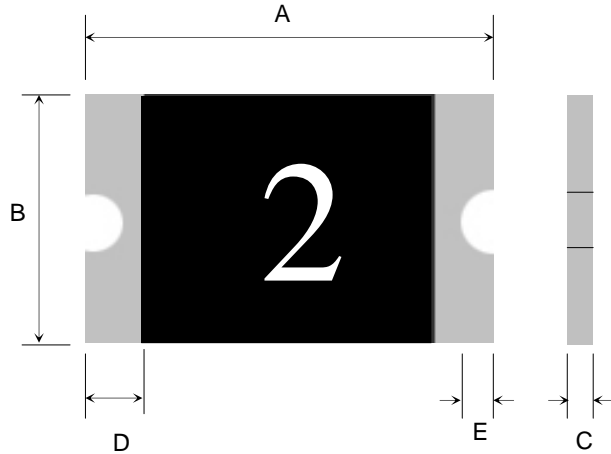
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

**Marking:**

Part Identification  
 2 = 025

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD0805-025	2	2.00	2.20	1.20	1.50	0.50	1.00	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	Time	$R_{i_{min}}$	$R_{1_{max}}$
							(A)	(Sec)	( $\Omega$ )	( $\Omega$ )
SMD0805-025	2	9.0	100	0.25	0.55	0.50	8.0	0.02	0.600	3.000

**Order Information****Packaging**

SMD0805	025	Tape & Reel Quantity	
Product name	Hold	Max	5,000 pcs/reel
Size 2012 mm / 0805 mils	Current	voltage	
SMD: surface mount device	0.25A		

Recognition: UL pending.