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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD0805-025
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2013-4-2
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Specification Sheet

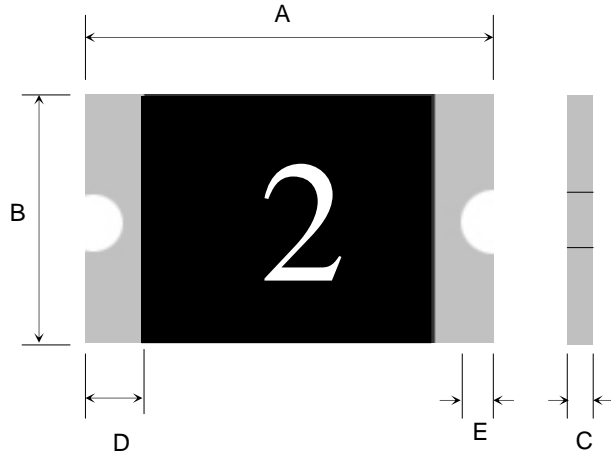
Terminal Pad Solderability:
 Meets EIA Specification RS186-9E
 And ANSI/J-STD-002 Category 3.

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)	(Ω)	(Ω)
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.