

Sea & Land Integrated Corp.

12F, 171-1 Sec. 2, Ta-Tung Road,
Hsi-Chih City, Taipei Hsien,
Taiwan, R.O.C.
Tel.: 886-2-8692-6001
Fax.: 886-2-8692-6080

Techfuse
PTC Devices
Resettable Fuse



PRODUCT: SMD0805-020
DOCUMENT: QR0429
ECN. NO.:
REV LETTER:
REV DATE: 7/1/2008
PAGE NO.: 1 of 1

Specification Sheet

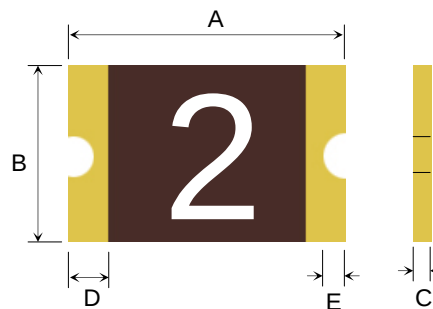
Terminal Pad Solderability:
Meets EIA Specification RS186-9E
And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:
Gold-Plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification
2 = 020

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
SMD0805-020	2	2.00	2.20	1.20	1.50	0.45	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 (A)	Time (Sec)	$R_{i_{min}}$ (Ω)	$R_{i_{typ}}$ (Ω)	$R_{1_{max}}$ (Ω)
SMD0805-020	2	9.0	100	0.20	0.50	0.50	8.0	0.02	0.650	1.700	3.500

Recognition: UL Approved.