

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: mSMD010
 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:

α Alpha Logo
 010 Part Identification

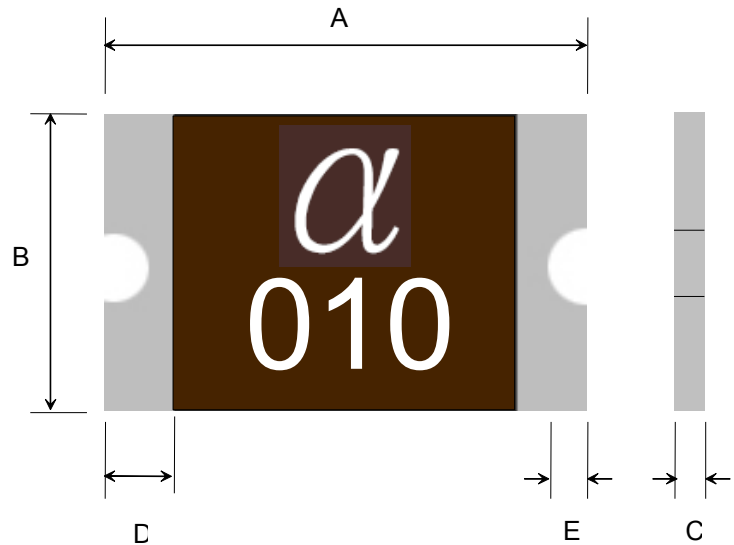


TABLE I. DIMENSIONS:

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
mSMD010	4.37	4.73	3.07	3.41	0.50	1.00	0.30	0.25

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	V_{max} (V)	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)
mSMD010	30.0	100	0.10	0.30	0.8	0.5	1.50	0.750	2.000	15.000

Order Information

Packaging

mSMD1812	010	Tape & Reel Quantity	
Product name	Hold	Max	
Size 4532 mm /1812 mils	Current	voltage	
SMD: surface mount device	0.10A		010 1500 pcs/reel

Recognition: UL Pending.