

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: mSMD030
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2014/12/27
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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:

α Alpha Logo
 030 Part Identification

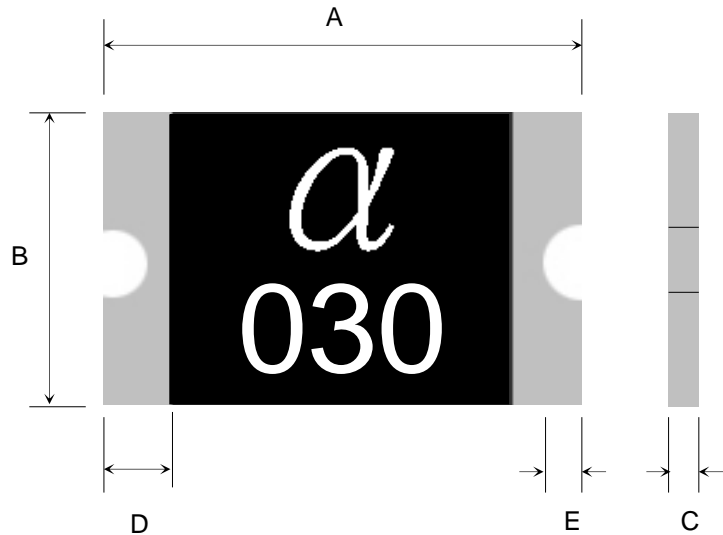


TABLE I. DIMENSIONS:

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
mSMD030	4.37	4.73	3.07	3.41	0.50	1.30	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)	$R_{1_{max}}$ (Ω)
mSMD030	30.0	100	0.30	0.60	0.8	8.0	0.10	0.250	3.000

mSMD1812	030	Tape & Reel Quantity	
Product name	Hold	Max	
Size 4532 mm / 1812 mils	Current	voltage	
SMD: surface mount device	0.30A	1500 pcs/reel	

Recognition: UL Pending.