

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: SMD2018-050

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
050 Part Identification

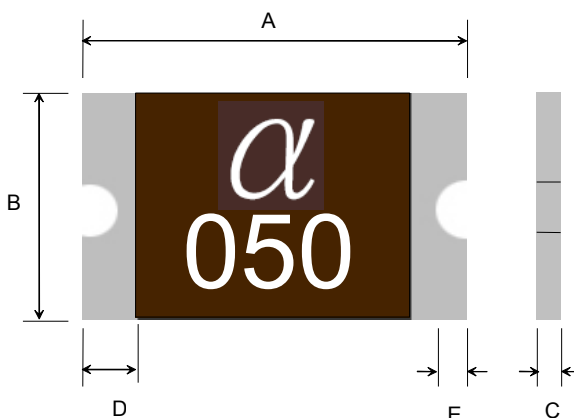


TABLE I. DIMENSIONS:

Model	A		B		C		D
	Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD2018-050	4.72	5.44	4.22	4.93	0.70	1.30	0.30

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)
SMD2018-050	60	100	0.55	1.20	1.0	2.5	3.00	0.200	0.600	1.000

Order Information

Packaging

SMD2018	050	Tape & Reel Quantity	
Product name	Hold	Max	
Size 5045 mm / 2018 mils	Current	voltage	050 1500 pcs/reel
SMD: surface mount device	0.50A		

Recognition: UL Pending.