

**SEA&LAND ELECTRONIC CORP.**

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**Techfuse**  
**PTC Devices**  
 Resettable Fuse

PRODUCT: mSMD150-12V  
 DOCUMENT:QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2011-3-10  
 PAGE NO.: 1 of 1

# Specification Sheet

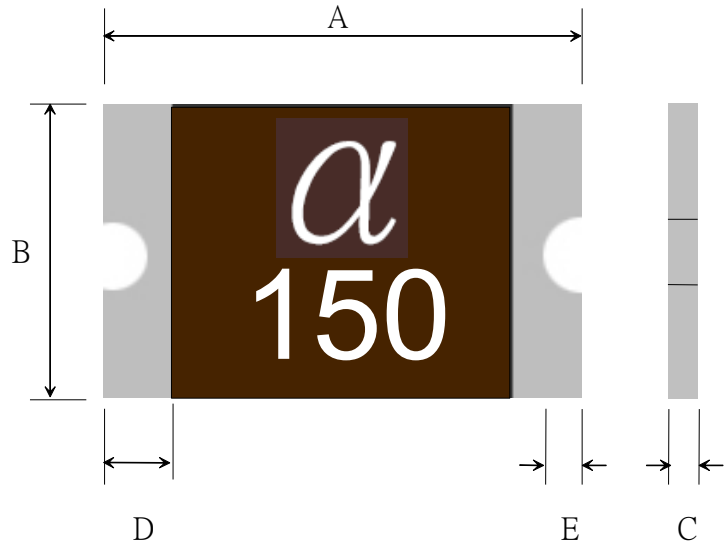
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

α Alpha Logo  
 150 Part Identification

**TABLE I. DIMENSIONS:**

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
mSMD150-12V	4.37	4.73	3.07	3.41	0.30	0.80	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)	$Ri_{min}$ (Ω)	$Ri_{typ}$ (Ω)	$R1_{max}$ (Ω)
mSMD150-12V	12.0	100	1.50	3.00	0.8	8.0	0.50	0.040	0.055	0.160

**Order Information****Packaging**

mSMD1812	150	-12	Tape & Reel Quantity
Product name	Hold	Max	150 1500 pcs/reel
Size 4532 mm /1812 mils	Current	voltage	
SMD: surface mount device	1.50A		

Recognition: UL Pending.