

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

## Specification Sheet

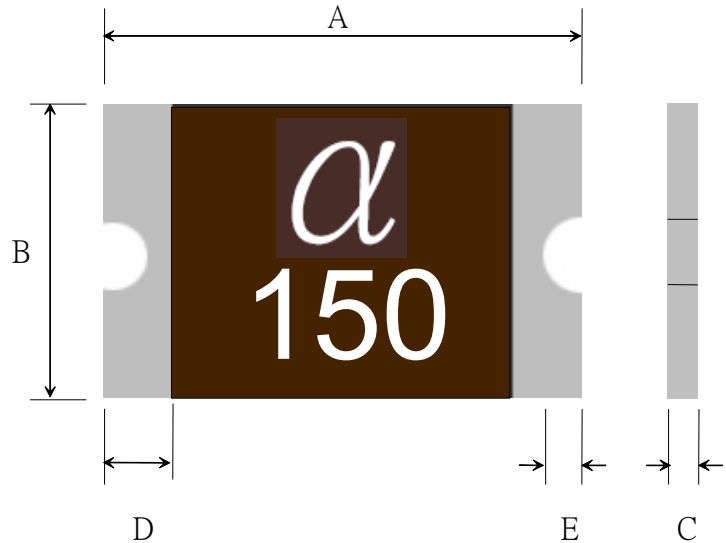
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

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 <sub>max</sub> (V)	I <sub>max</sub> (A)	I <sub>hold</sub> @25°C (A)	I <sub>trip</sub> @25°C (A)	P <sub>d</sub> Typ. (W)	Maximum Time To Trip		Resistance		
						Current (A)	Time (Sec)	R <sub>i_min</sub> (Ω)	R <sub>i_typ</sub> (Ω)	R <sub>1_max</sub> (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.