

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
 050 Part Identification

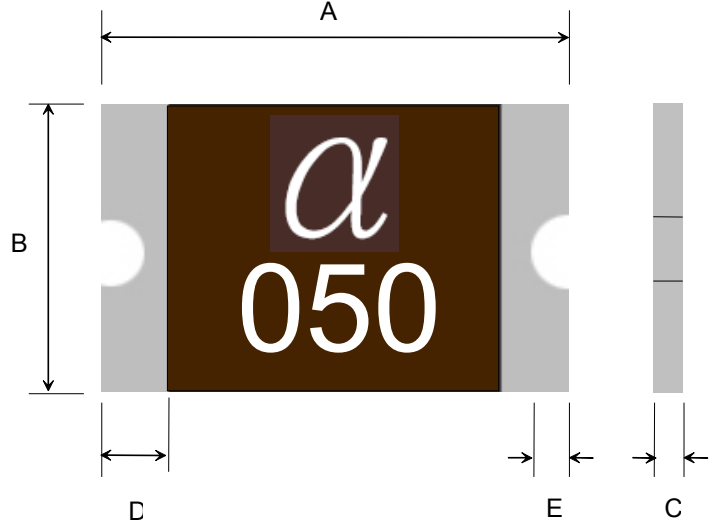


TABLE I. DIMENSIONS:

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
mSMD050-30V	4.37	4.73	3.07	3.41	0.70	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 _{I_typ} (Ω)	R _{I_max} (Ω)
mSMD050-30V	30.0	100	0.50	1.00	0.8	8.0	0.15	0.150	0.250	1.000

mSMD1812	050	-30	Tape & Reel Quantity
Product name	Hold	Max	050 1500 pcs/reel
Size 4532 mm / 1812 mils	Current	voltage	
SMD: surface mount device	0.50A		

Recognition: UL Pending.