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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: mSMD050

DOCUMENT: QR0429

ECN. NO.:

REV LETTER:

REV DATE: 2012-8-6

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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
 050 Part Identification

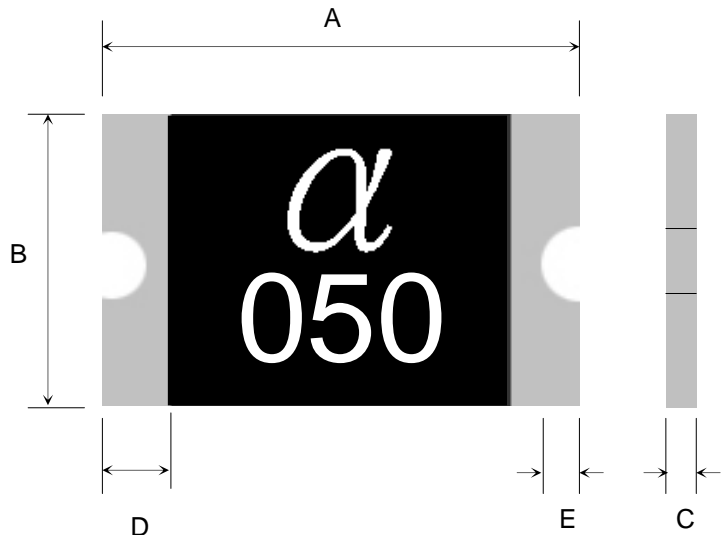


TABLE I. DIMENSIONS:

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
mSMD050	4.37	4.73	3.07	3.41	0.40	0.90	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)
mSMD050	15.0	100	0.50	1.00	0.8	8.0	0.15	0.150	1.000

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

Recognition: UL Approved.

E201504/E319079

