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

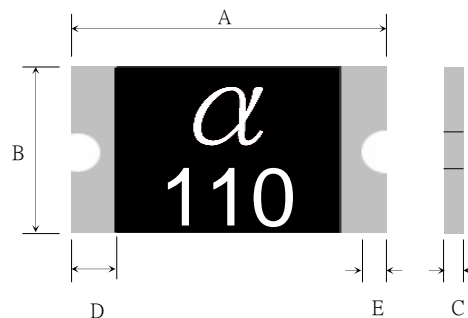
 PRODUCT: mSMD series  
 DOCUMENT: QR0429  
 ECN NO.:  
 REV LETTER:  
 REV DATE: 2014/12/27  
 PAGE NO.: 1 of 1

## 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:

$\alpha$  Alpha Logo  
 110 Part Identification


**TABLE I. DIMENSIONS:**

Model	A		B		C		D	E
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
mSMD010	4.37	4.73	3.07	3.41	0.50	1.00	0.30	0.25
mSMD014	4.37	4.73	3.07	3.41	0.50	1.00	0.30	0.25
mSMD020	4.37	4.73	3.07	3.41	0.50	1.30	0.30	0.25
mSMD030	4.37	4.73	3.07	3.41	0.50	1.30	0.30	0.25
mSMD050	4.37	4.73	3.07	3.41	0.40	0.90	0.30	0.25
mSMD050-33V	4.37	4.73	3.07	3.41	0.60	1.30	0.30	0.25
mSMD075	4.37	4.73	3.07	3.41	0.40	0.90	0.30	0.25
mSMD100	4.37	4.73	3.07	3.41	0.40	0.90	0.30	0.25
mSMD110	4.37	4.73	3.07	3.41	0.40	0.90	0.30	0.25
mSMD110-16V	4.37	4.73	3.07	3.41	0.60	1.30	0.30	0.25
mSMD125	4.37	4.73	3.07	3.41	0.60	1.30	0.30	0.25
mSMD150	4.37	4.73	3.07	3.41	0.40	0.90	0.30	0.25
mSMD150-16V	4.37	4.73	3.07	3.41	0.60	1.30	0.30	0.25
mSMD160	4.37	4.73	3.07	3.41	0.40	0.90	0.30	0.25
mSMD200	4.37	4.73	3.07	3.41	0.60	1.30	0.30	0.25
mSMD260	4.37	4.73	3.07	3.41	0.60	1.30	0.30	0.25
mSMD300	4.37	4.73	3.07	3.41	0.50	1.30	0.30	0.25
mSMD350	4.37	4.73	3.07	3.41	0.50	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)	$R_{1_{max}}$ (Ω)
mSMD014	60.0	100	0.14	0.34	0.8	1.5	0.15	0.650	6.000
mSMD020	30.0	100	0.20	0.40	0.8	8.0	0.02	0.350	5.000
mSMD030	30.0	100	0.30	0.60	0.8	8.0	0.10	0.250	3.000
mSMD050	15.0	100	0.50	1.00	0.8	8.0	0.15	0.150	1.000
mSMD050-33V	33.0	100	0.50	1.00	0.8	8.0	0.15	0.150	1.000
mSMD075	13.2	100	0.75	1.50	0.8	8.0	0.20	0.090	0.450
mSMD100	8.0	100	1.00	1.80	0.8	8.0	0.30	0.055	0.270
mSMD110	8.0	100	1.10	2.20	0.8	8.0	0.30	0.050	0.250
mSMD125	16.0	100	1.25	2.50	0.8	8.0	0.40	0.050	0.140
mSMD150	8.0	100	1.50	3.00	0.8	8.0	0.50	0.040	0.160
mSMD160	8.0	100	1.60	2.80	0.8	8.0	1.00	0.030	0.130
mSMD200	8.0	100	2.00	4.00	0.8	8.0	2.00	0.020	0.100
mSMD260	8.0	100	2.60	5.00	0.8	8.0	2.50	0.015	0.050
mSMD300	8.0	100	3.00	5.00	0.8	8.0	4.00	0.012	0.040
mSMD350	6.0	100	3.50	6.00	2.0	10.0	4.00	0.008	0.030

**Order Information**

mSMD	110	Packaging
Product name	Hold	Max
Size 4532 mm / 1812 mils	Current	voltage
SMD : surface mount device	1.10A	1500 pcs/reel

Tape &amp; reel packaging per EIA481-1

Recognition: mSMD010, 050, 075, 110, 150, 200, 260 UL Approved E201504/E319079



单击下面可查看定价，库存，交付和生命周期等信息

[>>SEA-LAND\(台湾陆海\)](#)