

SEA&LAND ELECTRONIC CORP.

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Techfuse
PTC Devices
Resettable Fuse

PRODUCT: mSMD014
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
014 Part Identification

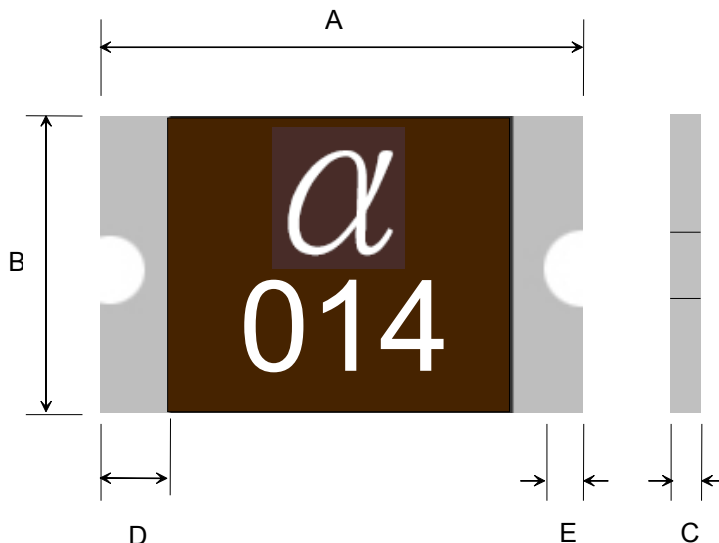


TABLE I. DIMENSIONS:

| Model | A | | B | | C | | D | E |
|---------|------|------|------|------|------|------|------|------|
| | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Min. |
| mSMD014 | 4.37 | 4.73 | 3.07 | 3.41 | 0.50 | 1.00 | 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 _{1_max} (Ω) |
| mSMD014 | 60.0 | 100 | 0.14 | 0.34 | 0.8 | 1.5 | 0.15 | 0.650 | 1.500 | 6.000 |

Order Information

Packaging

| mSMD1812 | 014 | Tape & Reel Quantity | |
|---------------------------|---------|----------------------|-------------------|
| Product name | Hold | Max | |
| Size 4532 mm /1812 mils | Current | voltage | 014 1500 pcs/reel |
| SMD: surface mount device | 0.14A | | |

Recognition: UL Pending.