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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: mSMD014
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2026/3/20
 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

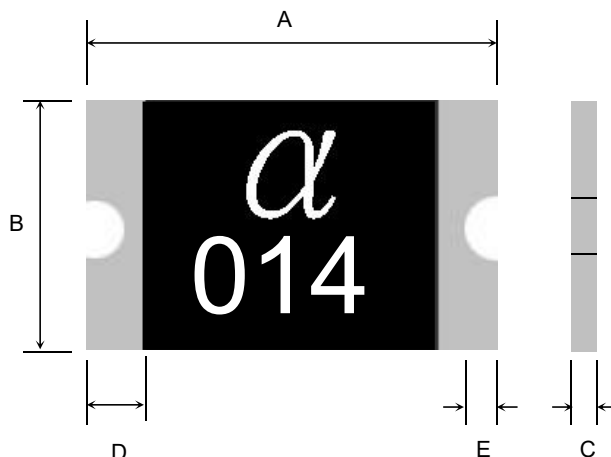


TABLE I. DIMENSIONS:

| 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) | $R_{1_{max}}$ (Ω) |
| mSMD014 | 60 | 100 | 0.14 | 0.34 | 0.8 | 1.5 | 0.15 | 0.650 | 6.000 |

Order Information

Packaging

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

Recognition:

Agency Approvals :  E201504/E319079

 R 50481056



CQC25001473187

GB 4943.1-2022; IEC 60730-1 : 2013 15、17、J.15、J.17; GB/T 7153-200

Regulation/Standard: 2015/863/EU



EN14582

