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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD0805-010-60V
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER: A
 REV DATE: 2023-1-3
 PAGE NO.: 1 of 1

Specification Sheet

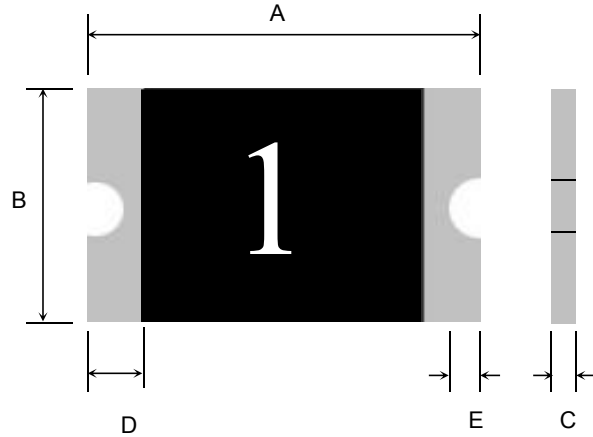
Terminal Pad Solderability:
 Meets EIA Specification RS186-9E
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification
 1 = 010

**TABLE I. DIMENSIONS:**

| Model | Marking | A | | B | | C | | D | E |
|-----------------|---------|------|------|------|------|------|------|------|------|
| | | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Min. |
| SMD0805-010-60V | 1 | 1.90 | 2.20 | 1.20 | 1.50 | 0.60 | 1.50 | 0.20 | 0.10 |

Unit:mm

TABLE II. PERFORMANCE RATINGS:

| Model | Marking | V_{max} (Vdc) | 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) |
| SMD0805-010-60V | 1 | 60 | 100 | 0.10 | 0.30 | 0.5 | 0.5 | 1.50 | 1.000 | 6.000 |

Order Information**Packaging**

| SMD0805 | 010-60V | Tape & Reel Quantity | |
|---------------------------|---------|----------------------|----------------|
| Product name | Hold | Max | 4,000 pcs/reel |
| Size 2012 mm / 0805 mils | Current | voltage | |
| SMD: surface mount device | 0.10A | | |

Recognition: UL approved. E201504/E319079



2015/863/EU



EN14582

