

SEA&LAND ELECTRONIC CORP.

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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD0603-010
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER: A
 REV DATE: 2020/12/16
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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:

Part Identification
 1= 010

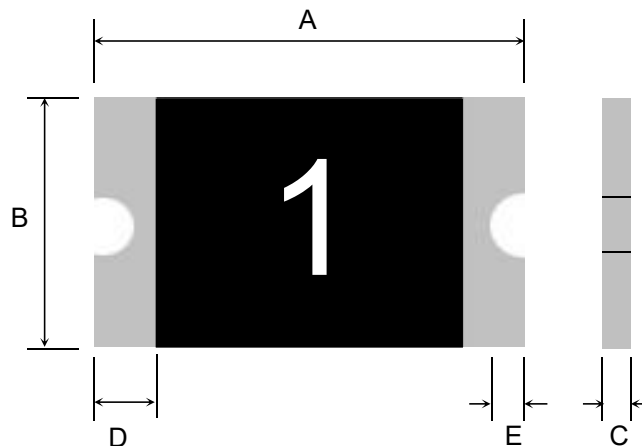


TABLE I. DIMENSIONS:

| Model | Marking | A | | B | | C | | D |
|-------------|---------|------|------|------|------|------|------|------|
| | | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| SMD0603-010 | 1 | 1.45 | 1.85 | 0.65 | 1.05 | 0.40 | 1.00 | 0.15 |

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) |
| SMD0603-010 | 1 | 15.0 | 40 | 0.10 | 0.30 | 0.50 | 0.5 | 1.00 | 0.900 | 6.000 |

Order Information

Packaging

| SMD0603 | 010 | Tape & Reel Quantity |
|---------------------------|--------------|----------------------|
| Product name | Hold Current | 5,000 pcs/reel |
| Size 1508 mm / 0603 mils | Max voltage | |
| SMD: surface mount device | 0.10A | |

Agency Approvals:



E201504/319079

Regulation/Standard:



2015/863/EU



EN14582