

**SEA&LAND ELECTRONIC CORP.**

13F., No.120-10,  
Sec. 3, Zhongshan Rd., Zhonghe Dist., New Taipei City 235,  
Taiwan  
Tel.: 886-2-8221-2567  
Fax.: 886-2-2225-7268

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

PRODUCT: SMD0603-001-60V  
DOCUMENT: QR0429  
ECN. NO.:  
REV LETTER: A  
REV DATE: 2025/9/25  
PAGE NO.: 1 of 1

## Specification Sheet

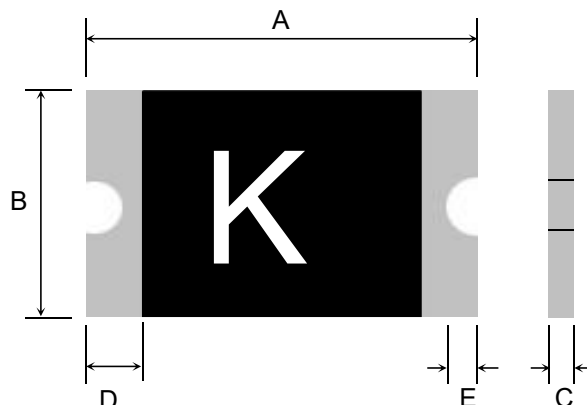
Terminal Pad Solderability:  
Meets EIA Specification RS186-9E  
And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

**Marking:**

Part Identification  
X= 004

**TABLE I. DIMENSIONS:**

| Model           | Marking | A    |      | B    |      | C    |      | D    |
|-----------------|---------|------|------|------|------|------|------|------|
|                 |         | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| SMD0603-001-60V | K       | 1.45 | 1.85 | 0.65 | 1.05 | 0.50 | 1.20 | 0.15 |

Unit:mm**TABLE II. PERFORMANCE RATINGS:**

| Model           | Marking | $V_{max}$<br>(Vdc) | $I_{max}$<br>(A) | $I_{hold}$<br>@25°C<br>(A) | $I_{trip}$<br>@25°C<br>(A) | $P_d$<br>Typ.<br>(W) | Maximum<br>Time To Trip |               | Resistance                    |                               |
|-----------------|---------|--------------------|------------------|----------------------------|----------------------------|----------------------|-------------------------|---------------|-------------------------------|-------------------------------|
|                 |         |                    |                  |                            |                            |                      | Current<br>(A)          | Time<br>(Sec) | $R_{i_{min}}$<br>( $\Omega$ ) | $R_{1_{max}}$<br>( $\Omega$ ) |
| SMD0603-001-60V | K       | 60                 | 20               | 0.01                       | 0.04                       | 0.5                  | 0.2                     | 1.00          | 15.000                        | 100.000                       |

**Agency Approvals :****E201504(Alpha-Top)/E319079(Sea&Land)****CQC25001473187****GB 4943.1-2022;IEC 60730-1 : 2013 15、17、J.15、J.17;GB/T 7153-2002****Regulation/Standard:****2015/863/EU****EN14582**