

**SEA&LAND ELECTRONIC CORP.**

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**Techfuse**

**PTC Devices**

Resettable Fuse

PRODUCT: SL0805200-8V

DOCUMENT: QR0429

ECN. NO.:

REV LETTER: A

REV DATE: 2023-6-13

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## Specification Sheet

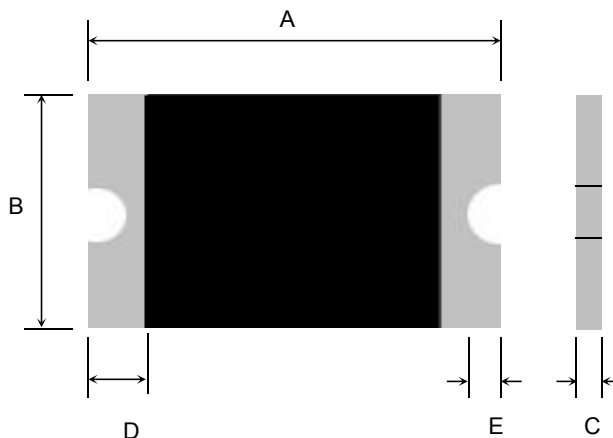
Terminal Pad Solderability:  
Meets EIA Specification RS186-9E  
And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification



**TABLE I. DIMENSIONS:**

| Model        | Marking | A    |      | B    |      | C    |      | D    |
|--------------|---------|------|------|------|------|------|------|------|
|              |         | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| SL0805200-8V |         | 1.90 | 2.5  | 1.2  | 1.8  | 0.5  | 1.0  | 0.2  |

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>(Ω) | $R_{1_{max}}$<br>(Ω) |
| SL0805200-8V |         | 8                  | 50               | 2.00                       | 4.00                       | 1.0                  | 8.0                     | 5.0           | 0.0040               | 0.0450               |

### Order Information

### Packaging

| SL0805                   | 200-8V  | Tape & Reel Quantity |
|--------------------------|---------|----------------------|
| Product name             | Hold    | 4,000 pcs/reel       |
| Size 2012 mm / 0805 mils | Current |                      |
| SL: surface mount device | 2.00A   |                      |

Recognition:

UL Pending.

E201504/E319079



2015/863/EU



EN14582

