

**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: SMD100L  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2014/12/29  
 PAGE NO.: 1 of 1

## Specification Sheet

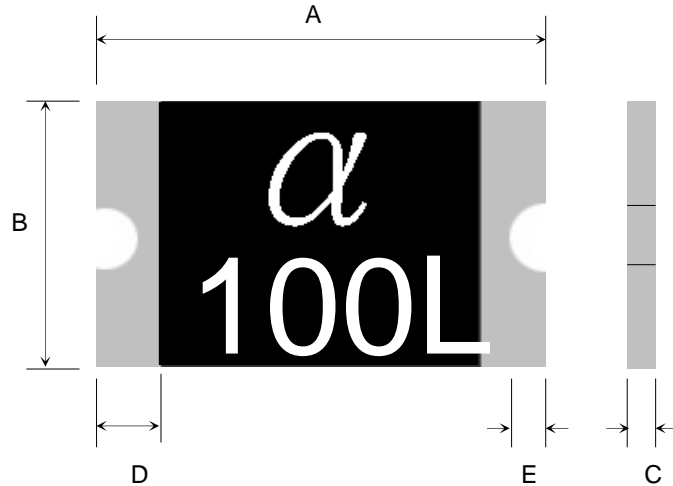
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

$\alpha$  Alpha Logo  
 100L Part Identification



**TABLE I. DIMENSIONS:**

| Model   | A    |      | B    |      | C    |      | D    | E    |
|---------|------|------|------|------|------|------|------|------|
|         | MIN  | MAX  | MIN  | MAX  | MIN  | MAX  | MIN  | MIN  |
| SMD100L | 6.73 | 7.98 | 4.80 | 5.44 | 0.50 | 1.30 | 0.30 | 0.25 |

Unit:mm

**TABLE II. PERFORMANCE RATINGS:**

| Model   | $V_{max}$<br>(V) | $I_{max}$<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) |
| SMD100L | 33               | 100              | 1.10                       | 2.20                       | 1.500                | 8.0                     | 0.5           | 0.065                | 0.410                |

### Order Information

### Packaging

| SMD2920                   | 100     | Tape & Reel Quantity |               |
|---------------------------|---------|----------------------|---------------|
| Product name              | Hold    | Max                  | 2000 pcs/reel |
| Size 7555 mm / 2920 mils  | Current | voltage              |               |
| SMD: surface mount device | 1.10A   |                      |               |

Recognition: UL Pending.