

## 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 Logo  
 Part Identification

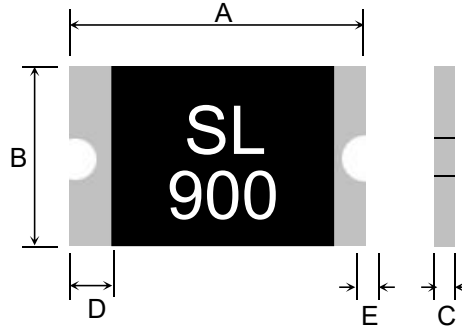


TABLE I. DIMENSIONS:

| Model     | A    |      | B    |      | C    |      | D    | E    |
|-----------|------|------|------|------|------|------|------|------|
|           | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Min. |
| SL1812900 | 4.37 | 4.73 | 3.07 | 3.41 | 0.60 | 1.30 | 0.30 | 0.15 |

Unit:mm

TABLE II. PERFORMANCE RATINGS:

| Model     | Marking | $V_{max}$<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) |
| SL1812900 | SL900   | 6                | 50               | 9.00                       | 18.00                      | 1.5                  | 45.0                    | 5.0           | 0.0005               | 0.0050               |

### Order Information

### Packaging

| SL1812                   | 900     | Tape & Reel Quantity |               |
|--------------------------|---------|----------------------|---------------|
| Product name             | Hold    | Max                  | 1500 pcs/reel |
| Size 4532 mm /1812 mils  | Current | voltage              |               |
| SL: surface mount device | 9.00A   |                      |               |

Recognition:

2015/863/EU

EN14582

