

**SEA&LAND ELECTRONIC CORP.**

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

PRODUCT: SMD1210-005

DOCUMENT: QR0429

ECN. NO.:

REV LETTER:

REV DATE: 2011-3-10

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:

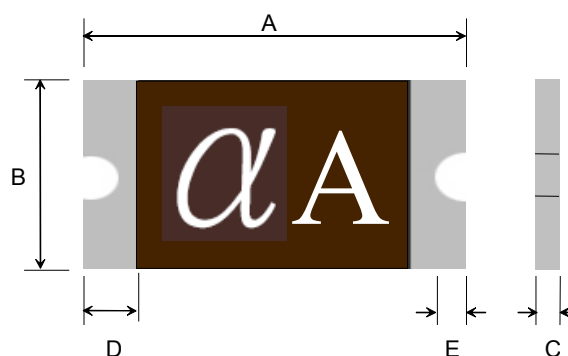
Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification

SMD1210-005 =  $\alpha$  A



**TABLE I. DIMENSIONS:**

| Model       | Marking    | A    |      | B    |      | C    |      | D    |
|-------------|------------|------|------|------|------|------|------|------|
|             |            | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| SMD1210-005 | $\alpha$ A | 3.00 | 3.43 | 2.35 | 2.80 | 0.30 | 0.80 | 0.30 |

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>( $\Omega$ ) | $R_{i_{typ}}$<br>( $\Omega$ ) | $R_{1_{max}}$<br>( $\Omega$ ) |
| SMD1210-005 | $\alpha$ A | 30               | 100              | 0.05                       | 0.15                       | 0.6                  | 0.25                    | 1.50          | 2.800                         | 25.000                        | 50.000                        |

### Order Information

### Packaging

| SMD1210                   |  | 0.05    |         | Tape & Reel Quantity |  |
|---------------------------|--|---------|---------|----------------------|--|
| Product name              |  | Hold    | Max     | 005 4500 pcs/reel    |  |
| Size 3225 mm / 1210 mils  |  | Current | voltage |                      |  |
| SMD: surface mount device |  | 0.05A   |         |                      |  |

Recognition: UL Pending.