

**Ceramic  
 PTC Device**

*R-line thermistors*

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**SCA-550-651ATM**

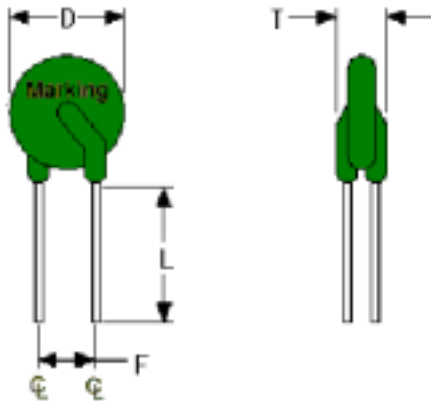
**Features**

- Radial leaded devices
- Flame retardant silicon resin insulating material meets UL94 V-0 requirements
- Lead-free soldering
- Rapid switching and rapid resuming



**Product Dimensions (mm)**

| Part number    | D    | T    | F    | L    | Lead    |
|----------------|------|------|------|------|---------|
|                | Max. | Max. | Typ. | Min. | Size( ) |
| SCA-550-651ATM | 10.0 | 5.0  | 5.0  | 3.5  | 0.6     |



Marking system

**SCA-Product family**

**550-Resistance Value**

\* Lead materials: Tin-plate metal wire.

**Electrical Characteristics**

| Part number    | R(25 )   | V <sub>max</sub>   | I <sub>H</sub> | I <sub>T</sub> | T <sub>f</sub> | Overload Type | Overload Type | Overload Type | Overload Type |
|----------------|----------|--------------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|
|                | ( )      | (V <sub>Ac</sub> ) | (mA)           | (mA)           | ( )            |               |               |               |               |
| SCA-550-651ATM | 55 ± 20% | 650                | 60             | 120            | 80             |               |               |               |               |

R(25 )=Device resistance at 25

V<sub>max</sub>=Maximum voltage device can withstand without damage at rated current.

I<sub>H</sub>=Hold current: maximum current at which the device will not trip at 25 still air.

I<sub>T</sub>=Trip current: minimum current at which the device will always trip at 25 still air.

T<sub>f</sub>=Curie Point.

Overload Type : 250V, 3A, 60s on, 600s off, 10 times. | R/R| 10%

Overload Type : 10/1000 μs, 1.5KV, interval 1min, 30 times. | R/R| 30%

Overload Type : 650V, Rs 600 , 1s on, 60s off, 10 times. | R/R| 20%

Overload Type : 650V, Rs 10 , 30 min. no arcing, no flame

**Switching Time VS Switching Current**

| Part number    | @25         |            |           |          |
|----------------|-------------|------------|-----------|----------|
|                | 0.35A→0.15A | 0.5A→0.15A | 1.0A→0.5A | 2.0→0.5A |
| SCA-550-651ATM | 3.85        | 2.02       | 0.7       | 0.4      |

**Package Information**

Bulk: 200pcs per bag.

Tape & Reel: 1000pcs per reel.