

**Ceramic  
 PTC Device**

*R-line thermistors*

**Shanghai Wayon Thermo/Electro Materials Co.,Ltd.**

15, Lane 1750, Donggao Road, Shanghai 201208, P. R. China

Tel: 86-21-58652154 58995165

Fax: 86-21-58651424

E-mail: [market@way-on.com](mailto:market@way-on.com)

[Http://www.way-on.com](http://www.way-on.com)



**SCC-1R0-240ASM**

**Features**

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

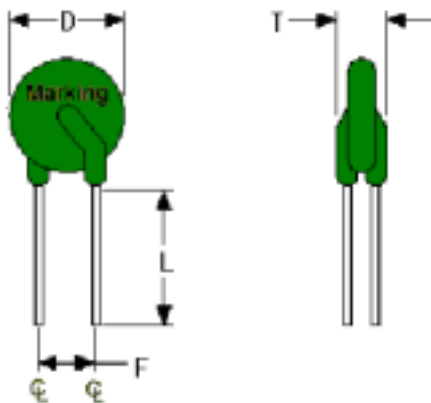


**Typical applications**

- Motor of automobiles
- Low voltage electric implement
- Consumer electronics
- Low voltage power supplies

**Product Dimensions (mm)**

| Part number    | D    | T    | F    | L    | Lead    |
|----------------|------|------|------|------|---------|
|                | Max. | Max. | Typ. | Min. | Size( ) |
| SCC-1R0-240ASM | 14.0 | 4.0  | 10.0 | 10.0 | 0.6     |



Marking system

**SCC-Product family**

**1R0-Resistance Value**

\* Lead materials: Tin-plate metal wire.

**Electrical Characteristics**

| Part number    | R(25 )<br>( ) | V <sub>max</sub><br>(V <sub>Dc</sub> ) | I <sub>H</sub><br>(mA) | I <sub>T</sub><br>(mA) | T <sub>f</sub><br>( ) | I <sub>max</sub><br>(A) |
|----------------|---------------|----------------------------------------|------------------------|------------------------|-----------------------|-------------------------|
| SCC-1R0-240ASM | 1.0 ± 20%     | 24                                     | 600                    | 1200                   | 70                    | 5.0                     |

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.

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

**Package Information**

Bulk: 200pcs per bag.