

**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-1R0-160AZM**

**Features**

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

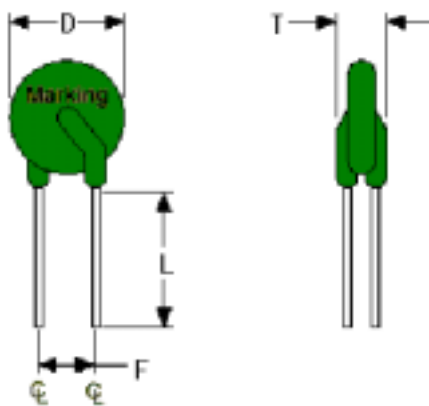


**Typical applications**

- 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-1R0-160AZM	10.0	3.0	5.0	20.0	0.6



Marking system

**SCC-Product family**

**1R0-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>	I <sub>max</sub>
	( )	(V <sub>Dc</sub> )	(mA)	(mA)	( )	(A)
SCC-1R0-160AZM	1.0 ± 20%	16	650	1250	150	3.0

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.