

**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

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



SCA-180-251AUM

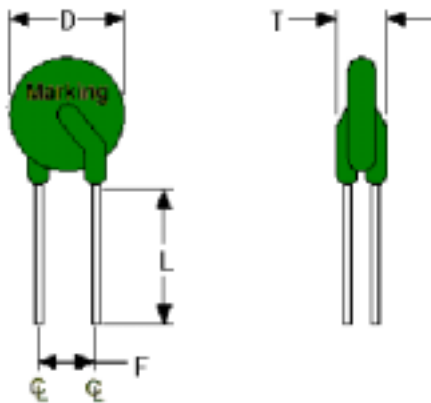
Features

- 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	引线
	Max.	Max.	Typ.	Min.	Size()
SCA-180-251AUM	7.5	5.0	5.0	5.0	0.6



Marking system

SCA-Product family

180-Resistance Value

* Lead materials: Tin-plate metal wire.

Electrical Characteristics

Part number	R(25) ()	V _{max} (V _{Ac})	I _H (mA)	I _T (mA)	T _f ()	Overload Type	Overload Type	Overload Type
SCA-180-251AUM	18 ± 20%	250	120	240	120			

R(25)=Device resistance at 25

V_{max}=Maximum voltage device can withstand without damage at rated current.

I_H=Hold current: maximum current at which the device will not trip at 25 still air.

I_T=Trip current: minimum current at which the device will always trip at 25 still air.

T_f=Curie Point.

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

Overload Type : 10/310 μ s, 1.5KV, interval 3min, 10 times. | R/R| 30%

Overload Type : 220V, Rs 10 , 30 min. no arcing, no flame

Package Information

Bulk: 200pcs per bag.

Tape & Reel: 1000pcs per reel.