

**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)



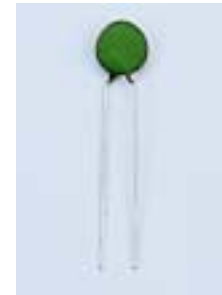
SCD-501-551AVN

Features

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

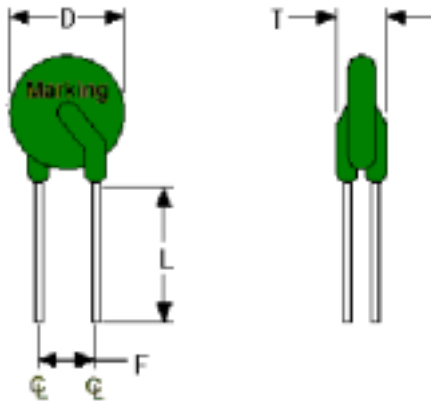
Typical Applications

- High voltage electric implement
- Digital multimeter
- Intelligent power-meter
- Test equipment



Product Dimensions (mm)

Part number	D	T	F	L	Lead
	Max.	Max.	Typ.	Min.	Size()
SCD-501-551AVN	9.5	7.0	5.0	10.0	0.6



Mark

SCD-Product family

501-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 ()	I _{max} (A)
SCD-501-551AVN	500 ± 25%	550	25	55	100	0.5

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.

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

Part numbering system : SCD-102-102ARN
 1 2 3 4 5 6

1. Series code

2. Resistance @25 () 2 significant digits + multiplier e.g: 102=1000

3. Max. voltage 2 significant digits + multiplier e.g : 102=1000V

4.Product form A. leaded disks with coating B. disk C. leaded disks without coating D. reel tape

5. Tf R:<60 S:70 T:80 U:90 V:100 W:110 X:120 Y:>120

6. Resistance tolerance K: ± 10% L: ± 15% M: ± 20% N: ± 25% P: ± 30%

Package Information

Bulk: 200pcs per bag.