

**Ceramic
 PTC Device**

R-line thermistors

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SCB-181-501ATM

Features

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

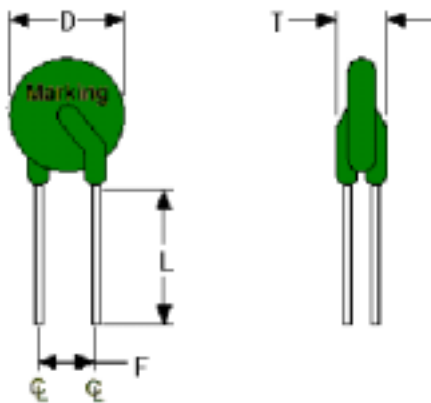


Typical Application

- Industrial controls
- Power supplies
- Instrument
- Test Equipment

Product Dimensions (mm)

Part number	D	T	F	L	Lead
	Max.	Max.	Typ.	Min.	Size()
SCB-181-501ATM	9.0	5.0	5.0	10.0	0.6



Marking system

SCB-Product family

181-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)
SCB-181-501ATM	185 ± 20%	500	25	55	80	0.2

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.

Package Information

Bulk: 200pcs per bag.