

**Ceramic  
 PTC Device**

*Cuboid thermistors*

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**SCG-5R0-501BTP**

**Features**

- Cuboid devices
- Rapid resuming
- Better stability
- Great current impact endurance

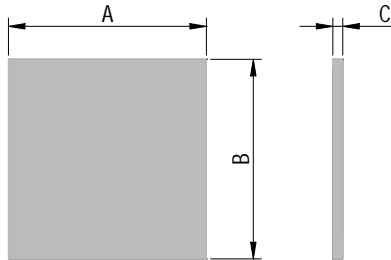
**Typical Applications**

- Automobile air conditioning
- Direct current power supplies
- Heater



**Product Dimensions (mm)**

Part number	A mm	B mm	C mm
SCG-5R0-501BTP	30.0	30.0	2.2



**Marking system**

**SCG-Product family  
 5R0- Resistance Value**

**Electrical Characteristics**

Part number	R(25 ) ( )	V <sub>max</sub> (V <sub>Ac</sub> )	I <sub>H</sub> (A)	I <sub>T</sub> (A)	I <sub>max</sub> (A)	T <sub>f</sub> ( )
SCG-5R0-501BTP	5.0 ± 20%	500	0.65	1.3	6.0	80

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.

**Package Information**

Bulk: 200pcs per bag.