

**Ceramic
 PTC Device**

Cuboid thermistors

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SCG-5R0-501BXP

Features

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

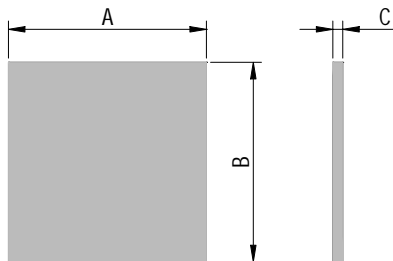
Typical Applications

- Automobile air conditioning
- Direct current power supplies
- Heater



Product Dimensions (mm)

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



Marking system

SCG-Product family
5R0- Resistance Value

Electrical Characteristics

Part number	R(25) ()	V _{max} (V _{Ac})	I _H (A)	I _T (A)	I _{max} (A)	T _f ()
SCG-5R0-501BXP	5.0 ± 20%	500	0.8	1.6	6.0	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.

Package Information

Bulk: 200pcs per bag.