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Ceramic PTC Device

R-line thermistors

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SCB-501-601AXN

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	Т	F	L	Lead		
	Max.	Max.	Тур.	Min.	Size()		
SCB-501-601AXN	6.5	5.0	5.0	10.0	0.6		
◄ —D →	⊺	٢	Marking system				
Marking		ę	SCB-Product family				
				j			

501-Resistance Value

* Lead materials: Tin-plate metal wire.

Electrical Characteristics

Part number	R(25)	V _{max}	I _H	Ι _Τ	T _f	I _{max}
	()	(V _{Ac})	(mA)	(mA)	()	(A)
SCB-501-601AXN	500 ± 25%	600	15	40	110	0.2

R(25)=Device resistance at 25

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

 $I_{\text{H}}\text{=}\text{Hold}$ 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.