#### Edition: A (Sep. 2003) PAGE NO: 1 OF 1 PART NUMBER:

# Ceramic PTC Device

R-line thermistors

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# SCB-450-261AXN

## 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 Max. Typ.		L	Lead Size()			
	Max.			Min.				
SCB-450-261AXN	9.0	5.0	5.0	10.0	0.6			
<b>-</b> −D- <b>→</b>	Marking system							
Marking			SCB-Produc	t familv				

# 450-Resistance Value

\* Lead materials: Tin-plate metal wire.

# **Electrical Characteristics**

Dort number	R(25 )	V <sub>max</sub>	Ι <sub>Η</sub>	Ι <sub>Τ</sub>	T <sub>f</sub>	I <sub>max</sub>
Part number	()	(V <sub>Ac</sub> )	(mA)	(mA)	()	(A)
SCB-450-261AXN	45 ± 25%	265	70	140	120	1.0

R(25 )=Device resistance at 25

 $V_{max}$ =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.

 $I_{T} = Trip \ \text{current: minimum current at which the device will always trip at 25} \qquad \text{still air.}$ 

T<sub>f</sub>=Curie Point.

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

#### **Package Information**

Bulk: 200pcs per bag.