

# Series V Thermistors

0.1 to 1K Ohms Resistance @25°C  
 Thermally Conductive Epoxy Coating  
 32 AWG Alloy 180 Leads

## SERIES V THERMISTORS

The BetaCURVE chip is soldered to 32 AWG Alloy 180 leads and encapsulated in Stycast epoxy resin



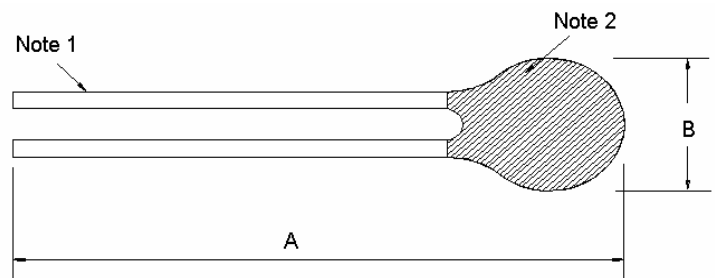
## FEATURES

- 0.1 to 1K Ohms Resistance @25°C
- Proven Stability and Reliability
- 32 AWG alloy 180 leads
- Thermally conductive epoxy coating
- Temperature range -40°C to +100°C
- RoHS Compliant

## APPLICATIONS

- Assembly into probes used in low temperature applications
- Suitable for measurement applications at the lower temperature ranges
- Temperature sensing, control and compensation

## Dimensions



Dimensions		
	A	B
	76 ± 3mm	2.4mm Max
<b>Note 1</b>	32 AWG Alloy 180 Leads	
<b>Note 2</b>	Black Stycast 2850ft Epoxy	

# Series V Thermistors

Part Number	Color Coding	Resistance [Ω] @ +25°C	Tolerance from 0 to +25°C	Alpha Value @ +25°C	Beta Value 25/85	Dissipation Constant in still air @ +25°C	Time response (Stirred Oil)
<a href="#">0.1K1A337</a>	Black	100	±1.5°C	-3.50 %/ °C	3187	0.75 mW/°C	<1 second
<a href="#">0.1K1A339</a>	Black	100	±3.0°C	-3.50 %/ °C	3187	0.75 mW/°C	<1 second
<a href="#">0.3K1A341</a>	Black	300	±1.5°C	-3.50 %/ °C	3187	0.75 mW/°C	<1 second
<a href="#">1K2A1</a>	Black	1,000	±0.2°C	-3.68 %/ °C	3348	0.75 mW/°C	<1 second
<a href="#">1K7A1</a>	Black	1,000	±0.2°C	-3.87 %/ °C	3499	0.75 mW/°C	<1 second

## Ordering Information

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