

2.2 to 100K Ohms Resistance @25°C  
 Thermally Conductive Epoxy Coating  
 Available in Custom Tolerances  
 28 AWG Solid Tin Plated Copper  
 Leads



## SERIES IV THERMISTORS

The BetaCURVE chip is soldered to 28 AWG tin plated copper leads and encapsulated in Stycast epoxy resin

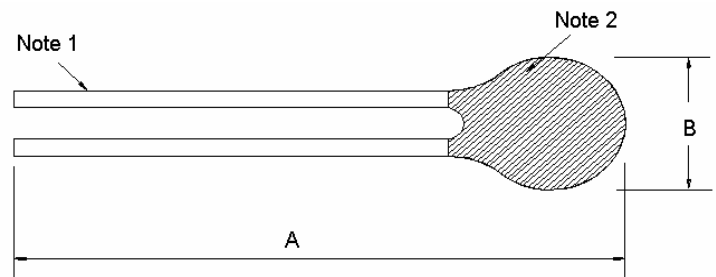
## FEATURES

- 2.2 to 100K Ohms Resistance @25°C
- Proven Stability and Reliability
- 28AWG Solid Tin Plated Copper Leads
- Thermally Conductive Epoxy Coating
- Temperature Range -40°C to +125°C
- RoHS Compliant

## APPLICATIONS

- Tight tolerance instrumentation
- Temperature sensing, control and compensation
- Assembly into probes for a wide variety of applications
- General instrumentation applications

## Dimensions



	Dimensions	
	A	B
	46 ± 5mm	2.8mm Max
<b>Note 1</b>	28 AWG Solid Tin Plated Copper Leads	
<b>Note 2</b>	Stycast 2850ft Epoxy	

# Series IV Thermistors

Part Number	Color Coding	Resistance [Ω] @ +25°C	Tolerance from 0 to +70°C	Alpha Value @ +25°C	Beta Value 25/85	Beta Tolerance	Dissipation Constant in still air @ +25°C	Time response (Stirred Oil)
<a href="#">2.2K3A1W3</a>	Brown	2,252	±0.2°C	-4.39 %/ °C	3976	±0.5%	3 mW/°C	<1.5 second
<a href="#">3K3A1W3</a>	Red	3,000	±0.2°C	-4.39 %/ °C	3976	±0.5%	3 mW/°C	<1.5 second
<a href="#">5K3A1W3</a>	Orange	5,000	±0.2°C	-4.39 %/ °C	3976	±0.5%	3 mW/°C	<1.5 second
<a href="#">10K3A1W3</a>	Yellow	10,000	±0.2°C	-4.39 %/ °C	3976	±0.5%	3 mW/°C	<1.5 second
<a href="#">10K4A1W3</a>	Black	10,000	±0.2°C	-4.04 %/ °C	3694	±0.5%	3 mW/°C	<1.5 second
<a href="#">30K5A1W3</a>	White	30,000	±0.2°C	-4.30 %/ °C	3942	±0.5%	3 mW/°C	<1.5 second
<a href="#">30K6A1W3</a>	Green	30,000	±0.2°C	-4.68 %/ °C	4261	±0.5%	3 mW/°C	<1.5 second
<a href="#">50K6A1W3</a>	Blue	50,000	±0.2°C	-4.68 %/ °C	4261	±0.5%	3 mW/°C	<1.5 second
<a href="#">100K6A1W3</a>	Violet	100,000	±0.2°C	-4.68 %/ °C	4261	±0.5%	3 mW/°C	<1.5 second

## 联系方式



深圳市亿为测控电子有限公司  
Shenzhen Bill-Well Measurement & Control Electronics Co., Ltd.

广东省深圳市南山区创业路怡海广场东座2407 邮编：518000

电话：+86 755 2641 9890 传真：+86 755 2641 9680

电子邮箱：sales@bill-well.com