

2.2 to 100K Ohms Resistance @25°C
 Thermally Conductive Epoxy Coating
 Choice of 4 Temperature Tolerance
 Classifications
 Low Cost



SERIES II THERMISTORS

The BetaCURVE chip is soldered to 30 AWG solid silver plated copper leads with white PTFE insulation. Device is encapsulated in Stycast epoxy resin

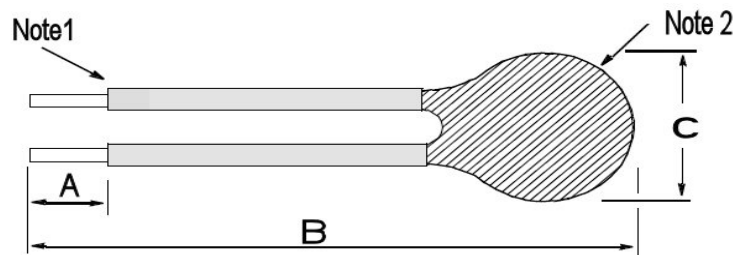
FEATURES

- 2.2 to 100K Ohms Resistance @25°C
- Proven Stability and Reliability
- 30AWG solid silver plated copper leads
- Interchangeability
- 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	C
	10 ± 2mm	76 ± 2mm	2.4mm Max
Note 1	30AWG Solid Silver Plated Copper Leads with White PTFE Insulation		
Note 2	Stycast 2850ft Epoxy		

Series II Thermistors

Product Definition

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)
2.2K3A1A	Brown	2,252	±0.1°C	-4.39 %/ °C	3976	±0.5%	0.85 mW/°C	<1 second
2.2K3A1B			±0.2°C					
2.2K3A1C			±0.5°C					
2.2K3A1D			±1.0°C					
3K3A1A	Red	3,000	±0.1°C	-4.39 %/ °C	3976	±0.5%	0.85 mW/°C	<1 second
3K3A1B			±0.2°C					
3K3A1C			±0.5°C					
3K3A1D			±1.0°C					
5K3A1A	Orange	5,000	±0.1°C	-4.39 %/ °C	3976	±0.5%	0.85 mW/°C	<1 second
5K3A1B			±0.2°C					
5K3A1C			±0.5°C					
5K3A1D			±1.0°C					
10K3A1A	Yellow	10,000	±0.1°C	-4.39 %/ °C	3976	±0.5%	0.85 mW/°C	<1 second
10K3A1B			±0.2°C					
10K3A1C			±0.5°C					
10K3A1D			±1.0°C					
10K4A1A	Black	10,000	±0.1°C	-4.04 %/ °C	3694	±0.5%	0.85 mW/°C	<1 second
10K4A1B			±0.2°C					
10K4A1C			±0.5°C					
10K4A1D			±1.0°C					
30K5A1A	White	30,000	±0.1°C	-4.30 %/ °C	3942	±0.5%	0.85 mW/°C	<1 second
30K5A1B			±0.2°C					
30K5A1C			±0.5°C					
30K5A1D			±1.0°C					
30K6A1A	Green	30,000	±0.1°C	-4.68 %/ °C	4261	±0.5%	0.85 mW/°C	<1 second
30K6A1B			±0.2°C					
30K6A1C			±0.5°C					
30K6A1D			±1.0°C					
50K6A1A	Blue	50,000	±0.1°C	-4.68 %/ °C	4261	±0.5%	0.85 mW/°C	<1 second
50K6A1B			±0.2°C					
50K6A1C			±0.5°C					
50K6A1D			±1.0°C					
100K6A1A	Violet	100,000	±0.1°C	-4.68 %/ °C	4261	±0.5%	0.85 mW/°C	<1 second
100K6A1B			±0.2°C					
100K6A1C			±0.5°C					
100K6A1D			±1.0°C					

Series II Thermistors

联系方式



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