

2.2 to 10K Ohms Resistance @25°C
 Thermally Conductive Epoxy Coating
 32 AWG Alloy 180 Leads

SERIES VI THERMISTORS

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



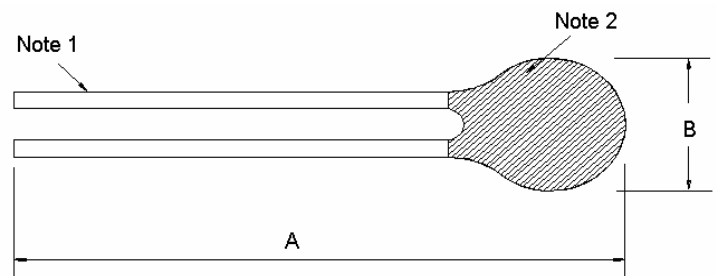
FEATURES

- 2.2 to 10K Ohms Resistance @25°C
- Proven Stability and Reliability
- 32 AWG alloy 180 leads
- Thermally conductive epoxy coating
- Temperature range -40°C to +125°C
- RoHS Compliant

APPLICATIONS

- Tight tolerance instrumentation
- Esophageal catheters
- Skin sensors
- Oral and rectal probes
- Pharmaceutical manufacturing equipment
- Temperature sensing, control and compensation

Dimensions



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

Series VI Thermistors

Part Number	Color Coding	Resistance [Ω] @ +25°C	Tolerance from +32 to +44°C	Alpha Value @ +25°C	Beta Value 25/85	Beta Tolerance	Dissipation Constant in still air @ +25°C	Time response (Stirred Oil)
2.2K3A1AM	Brown	2,252	±0.05°C	-4.39 %/ °C	3976	±0.5%	0.75 mW/°C	<1 second
10K3A1AM	Yellow	10,000	±0.05°C	-4.39 %/ °C	3976	±0.5%	0.75 mW/°C	<1 second
10K4A1AM	Black	10,000	±0.05°C	-4.04 %/ °C	3694	±0.5%	0.75 mW/°C	<1 second

联系方式



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