



SERIES II THERMISTORS

Thermally Conductive Epoxy Coating

Ø 2.4 mm Maximum Diameter

30 AWG Solid Silver-Plated Copper Leads
with White PTFE Insulation

Four Temperature Tolerance Classifications Available

RoHS Compliant

BetaCURVE series II thermistors are small epoxy coated devices with solid tin-plated lead wires. The series II offers insulated lead wires for added protection, the PTFE insulation also enhances bonding for applications that require mounting or potting the thermistor with epoxies or adhesives. This series also offers a choice of precision temperature tolerance classifications for a wide variety of applications.

FEATURES

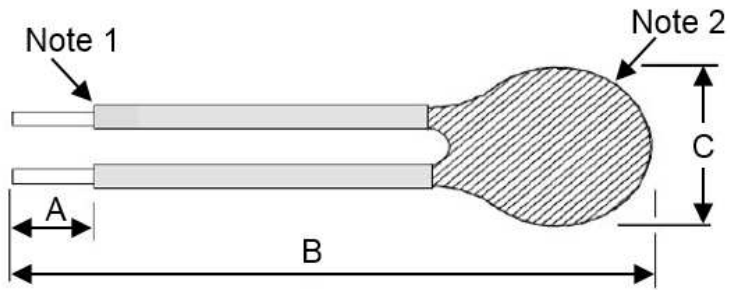
- Interchangeability
- Proven stability and reliability
- Rapid time response
- PTFE insulated lead wires
- Thermally conductive epoxy coating
- Temperature range -40°C to +125°C
- Custom probe assemblies available

APPLICATIONS

- Temperature sensing, control and compensation
- Tight tolerance instrumentation
- General instrumentation applications

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MECHANICAL DETAILS



DIMENSIONS

A	B	C
10 ±2 mm	76 ±2 mm	2.4 mm max.

Note 1: 30AWG Solid Silver-Plated Copper Leads with White PTFE Insulation

Note 2: Stycast 2850ft Epoxy

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PRODUCT DETAILS

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)
GA2.2K3A1iA	Brown	2,252	±0.1°C	-4.39 %/ °C	3976	±0.5%	0.85 mW/°C	<1 second
GA2.2K3A1iB			±0.2°C					
GA2.2K3A1iC			±0.5°C					
GA2.2K3A1iD			±1.0°C					
GA3K3A1iA	Red	3,000	±0.1°C	-4.39 %/ °C	3976	±0.5%	0.85 mW/°C	<1 second
GA3K3Ai1B			±0.2°C					
GA3K3A1iC			±0.5°C					
GA3K3A1iD			±1.0°C					
GA5K3A1iA	Orange	5,000	±0.1°C	-4.39 %/ °C	3976	±0.5%	0.85 mW/°C	<1 second
GA5K3A1iB			±0.2°C					
GA5K3A1iC			±0.5°C					
GA5K3A1iD			±1.0°C					
GA10K3A1iA	Yellow	10,000	±0.1°C	-4.39 %/ °C	3976	±0.5%	0.85 mW/°C	<1 second
GA10K3A1iB			±0.2°C					
GA10K3A1iC			±0.5°C					
GA10K3A1iD			±1.0°C					
GA10K4A1iA	Black	10,000	±0.1°C	-4.04 %/ °C	3694	±0.5%	0.85 mW/°C	<1 second
GA10K4A1iB			±0.2°C					
GA10K4A1iC			±0.5°C					
GA10K4A1iD			±1.0°C					
GA30K5A1iA	White	30,000	±0.1°C	-4.30 %/ °C	3942	±0.5%	0.85 mW/°C	<1 second
GA30K5A1iB			±0.2°C					
GA30K5A1iC			±0.5°C					
GA30K5A1iD			±1.0°C					
GA30K6A1iA	Green	30,000	±0.1°C	-4.68 %/ °C	4261	±0.5%	0.85 mW/°C	<1 second
GA30K6A1iB			±0.2°C					
GA30K6A1iC			±0.5°C					
GA30K6A1iD			±1.0°C					
GA50K6A1iA	Blue	50,000	±0.1°C	-4.68 %/ °C	4261	±0.5%	0.85 mW/°C	<1 second
GA50K6A1iB			±0.2°C					
GA50K6A1iC			±0.5°C					
GA50K6A1iD			±1.0°C					
GA100K6A1iA	Violet	100,000	±0.1°C	-4.68 %/ °C	4261	±0.5%	0.85 mW/°C	<1 second
GA100K6A1iB			±0.2°C					
GA100K6A1iC			±0.5°C					
GA100K6A1iD			±1.0°C					

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