



SERIES V THERMISTORS

Thermally Conductive Epoxy Coating

Ø 2.4 mm Maximum Diameter

32 AWG Alloy 180 Leads

RoHS Compliant

BetaCURVE series V thermistors are small epoxy coated devices with solid tin-plated lead wires. Due to the low nominal resistance values, these devices are suitable for measurement applications at the lower temperature ranges.

FEATURES

- Interchangeability
- Proven stability and reliability
- Rapid time response
- Alloy lead wires for reduced thermal conductivity ("stem effect")
- Thermally conductive epoxy coating
- Temperature range -40°C to +125°C
- Custom probe assemblies available

APPLICATIONS

- Temperature sensing, control and compensation
- Measurement applications at low temperature ranges

SERIES V THERMISTORS

MECHANICAL DETAILS



DIMENSIONS

A	B
76 ±2 mm	2.4 mm max.

Note 1: 32 AWG Solid Alloy 180 Leads

Note 2: Black Stycast 2850ft Epoxy

PRODUCT DETAILS

Part Number	Color Coding	Resistance [Ω] @ +25°C	Tolerance from 0 to +25°C	Alpha Value @ +25°C	Beta Value 25/85	Beta Tolerance	Dissipation Constant in Still Air @+25°C	Time Response (Stirred Oil)
GA1K2A1	Black	1,000	±0.2°C	3.68 %/ °C	3348	±0.5%	0.75 mW/°C	<1 second
GA1K7A1	Black	1,000	±0.2°C	3.87 %/ °C	3499	±0.5%	0.75 mW/°C	<1 second

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