



MICRO BetaCHIP (MCD) THERMISTOR PROBES

2K to 100K Ohms Resistance @25°C

0.2°C Tolerance @ 25°C

Thermally Conductive Epoxy Coating

38 AWG Solid Nickel Bifilar with Polyester Type Insulation

Fast Time Response

Small Tip Diameter

RoHS Compliant

Micro BetaCHIP (MCD) thermistor probes are suited for applications that require rapid temperature response and where space is limited. These NTC thermistors are potted in a polyimide tube with a thermally conductive epoxy.

FEATURES

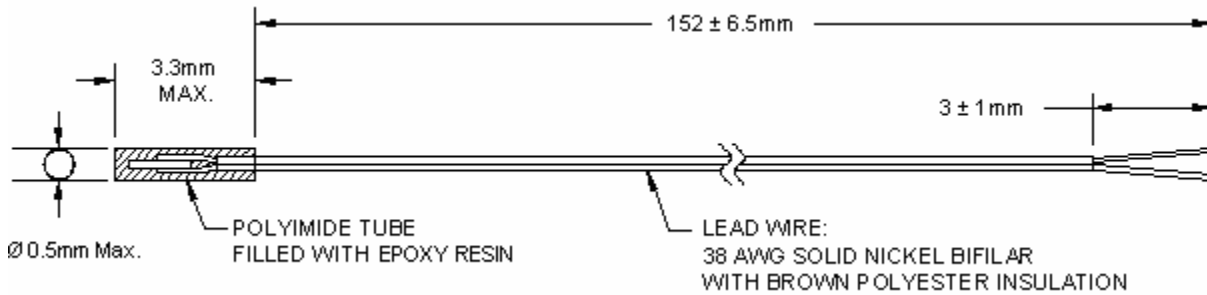
- $\pm 0.2^\circ\text{C}$ tolerance @ +25°C
- Custom tolerances available
- Smaller than miniature BetaCURVE devices
- Rapid time response (200 milliseconds in liquids)
- Temperature range -40°C to +125°C

APPLICATIONS

- Low volume flow sensors (liquids or gases)
- Laboratory animal research
- Peltier temperature tracking sensors
- Temperature control for bath showers
- DNA research sensors
- Medical catheters

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MECHANICAL DETAILS



PRODUCT DETAILS

Part Number	Resistance [Ω] @ +25°C	Beta Value 25/85	Time Response in Liquids	Dissipation Constant in Still Air @+25°C	Temperature Range
GA2K7MCDA	2,000	3499	200 milliseconds	0.3 mW/°C	-40°C to +125°C
GA10K3MCD1	10,000	3976	200 milliseconds	0.3 mW/°C	-40°C to +125°C
GA100K6MCD1	100,000	4261	200 milliseconds	0.3 mW/°C	-40°C to +125°C

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