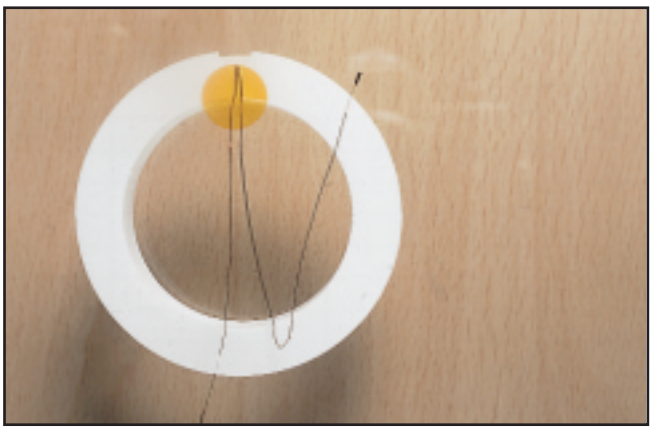
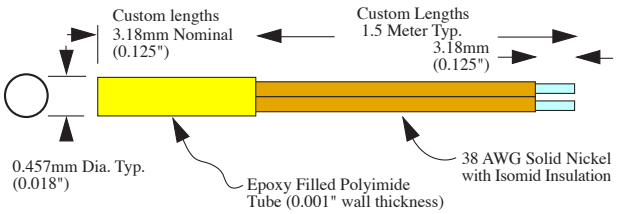
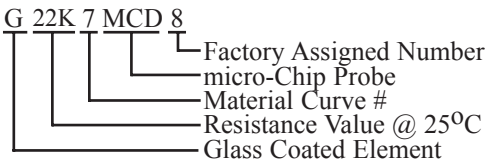


Thermistor Configuration



Sample Part Number:



Medical Catheter micro-BetaCHIP Probe:

Applications

- **Thermodilution catheters and other medical applications.**
- **General Medical applications.**

Features:

- **Rapid Time Constant (200 milliseconds in liquids).**
- **Custom tolerances available.**
- **0.3 mW/°C typ. Dissipation Constant in air at 25°C.**
- **Smaller than the mini-BetaCURVE device.**
- **Custom designs available.**

The *Medical Catheter micro-BetaCHIP* probe is packaged similar to the standard micro-BetaCHIP Probe except that the thermistor element is a glass coated thermistor of specific resistance value. The glass coated thermistor adds extra moisture protection to the probe design.

The probe is produced for Medical applications which require rapid temperature response and very small size. When used in thermodilution catheters, the thermistor measures blood flow characteristics in the human body. Supplied with custom lead lengths near 1.5 meters on small reels (spools) with calibration data at 37°C. The standard thermistor is denoted as G22K7MCD8. Many other custom versions have been produced by *BetaTHERM* to meet customers specific design criteria.

Medical Catheter micro-BetaCHIP Probe Part Number and Specifications:

Part Number	Resistance @ 25 °C (ohms)	Resistance (ohms) and Tolerance @ 37 °C	Alpha @ 25 °C	0/50 °C Beta Value	Curve #
G22K7MCD8	22000	14004 +/- 15%	-3.87%	3422	7

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