



BetaCURVE Medical Grade Thermistor Series VI:

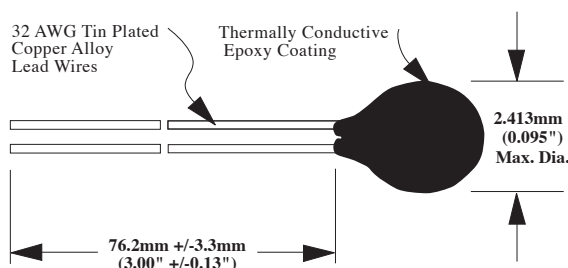
**Applications**

- Oxygen sensing equipment and instruments.
- Esophageal Catheters
- Skin sensors
- Oral and Rectal Probes
- Pharmaceutical manufacturing equipment

**Features**

- Rapid Time Response (1 second typical in liquids).
- DC (Dissipation Constant) = 0.75mW/°C typical in still air at 25°C.
- Min./Max. Temperature Exposure = -80°C to 150°C.
- Available in custom probe assemblies.
- Proven Stability and Reliability

Thermistor Configuration

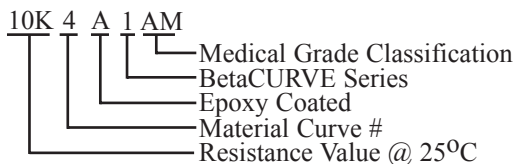


The BetaCURVE Thermistor Series VI are small epoxy coated devices with solid tin plated lead wires. The Series VI is specified with a temperature tolerance of +/- 0.05°C over the range from 32°C to 44°C and is available in different nominal resistance values. Each thermistor element is manufactured using high quality materials and processes. High accuracy temperature baths (+/-0.005°C) are used during all stages of assembly and final testing.

This special series is offered to the **Medical Industry** for both new and existing applications. These devices are also useful in the pharmaceutical manufacturing equipment sector.

Custom resistance values and tolerances are available upon request.

Example: BetaCURVE Series VI Part Number



BetaCURVE Medical Grade Series VI Part Numbers and Specifications:

Part Number +/- 5% @ 25°C	Color Code	Resistance @ 25°C (ohms)	Temperature Tolerance and Range	Alpha @ 25°C	0/50°C Beta Value	Curve #
2.2K3A1AM	Brown	2252	+/-0.05 °C 32 °C to 44 °C	-4.39%	3892	3
10K3A1AM	Yellow	10000	+/-0.05 °C 32 °C to 44 °C	-4.39%	3892	3
10K4A1AM	Black	10000	+/-0.05 °C 32 °C to 44 °C	-4.04%	3575	4

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