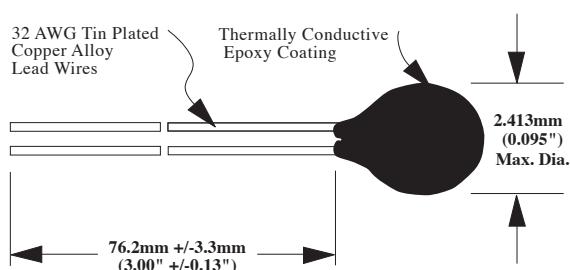
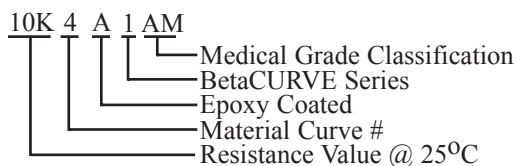




Thermistor Configuration



Example: BetaCURVE Series VI Part Number



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

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.

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