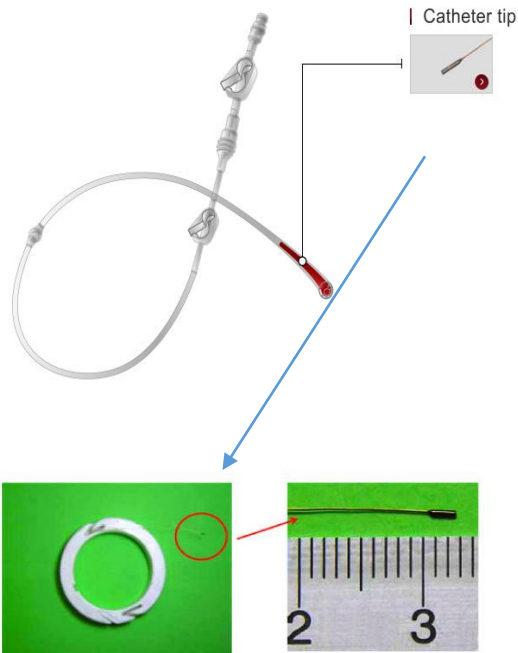


## The F $\mu$ (F- Micro) Temperature Sensor – Miniature, Fast, Accurate

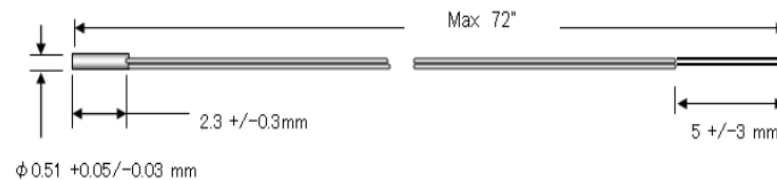
The F $\mu$  thermistor sensor (pronounced “F-micro”) has been developed using SEMITEC’s proprietary thin film thermistor technology. It is the only sensor in the world using this unique technology.

### Key Features:

- Thin- film technology – 0.5mm (D) x 2.3mm (L)
- Fast response time (<51ms)
- Highly accurate  $\pm 0.14K$  at 37°C
- Operating temperature range is -10/+70°C
- Laser Trimming of ladder- electrodes
- Glass encapsulation
- Simple structure- 1 mechanical joint enabling direct connection to sensor element.
- Latest version now available as 0.3mm diameter.



F Micro Thermistor Dimensions (example)



F $\mu$  thermistor chip

