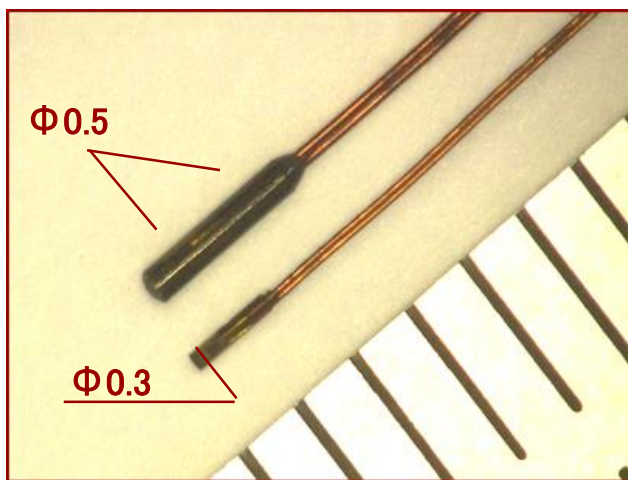


The F μ (F-micro) Temperature Sensor

SEMITEC's F micro thermistor sensor has been developed using their proprietary thin film thermistor technology. It is the only thermistor sensor in the world using this unique technology and highly suitable for catheter applications. With mass production capability, robustness, reliability, accuracy and fast response, we highly recommend this sensor for use in the medical device market.

■ F μ Thermistor Profile



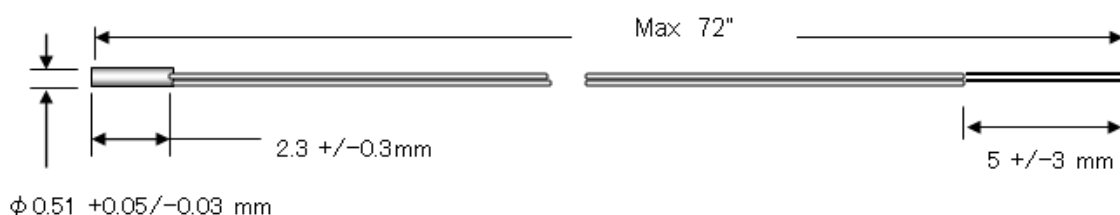
■ Applications

- Medical devices
- Catheters
- High precision temperature sensors

■ Features

- Extremely small
- Extremely fast response time (<51ms)
- Highly accurate
- Laser trimmed
- Highly reliable lead wire connections

■ Dimensions (example)



■ Characteristics

Resistance: 14.015k Ω \pm 0.5% (37°C)
Beta Value: 3454K \pm 1% (0/50°C)
Accuracy: \pm 0.14°C (37°C)



SEMITEC[®]

SEMITEC Corporation

130-8512 JAPAN, Tokyo, Sumida-ku, Kinshi 1-7-7

TEL : +81 3 3621 2704