

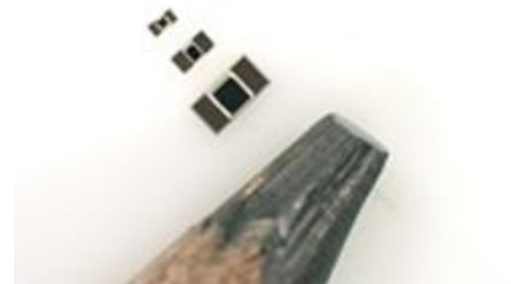
Semitec FT - Thin Film SMD Thermistor

As one of the world's thinnest temperature sensors, these micro thin film thermistors outperform conventional thermistors due to their miniaturisation, quick response time and high heat resistance.

Manufactured using vapour deposition and MEMS technology, they are available in SMD (FT) or (FL) - formatted for ease of mounting.

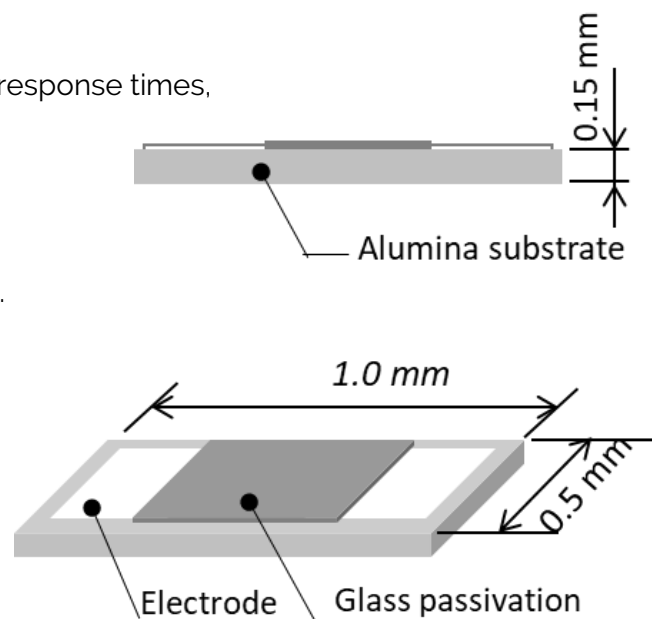
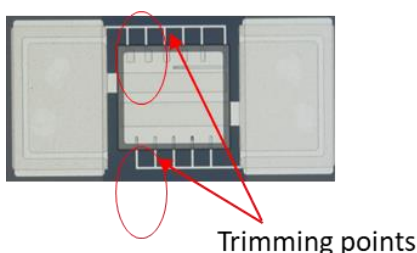
Applications

- 'In-cell' battery applications
- Digital thermometers
- Medical devices
- Office automation
- Security devices
- Personal Care appliances



Features

- SMD film high temperature NTC thermistor
- Thin film technology ensures exceptionally fast response times,
- Glass passivation ensures moisture resistance.
- High temperature resistance -50°/350°C
- Extremely thin (< 0.1mm possible)
- Extremely small (0.4 x 0.2mm possible)
- Interchangeable/RT matched versions
- Highly accurate - up to $\pm 0.2^{\circ}\text{C}$ (0-70°C) or better.
- Available on tape and reel.



Characteristics

YSI 400

Resistance: 2.252k Ω (25°C)

Beta Value: 3890K(0/50°C)

Accuracy: $\pm 0.2^{\circ}\text{C}$ (0-70°C)

Resistance: 10,50,100,360 k Ω (25°C)

Beta value: 3370, 3435, 3969K (25/85°C)

Accuracy: $\pm 0.1^{\circ}\text{C}$ (37°C)

For further information please contact us at sales@atcsemitec.co.uk