

## STS3 – Semitec JT Thin Film Thermistor Sensor

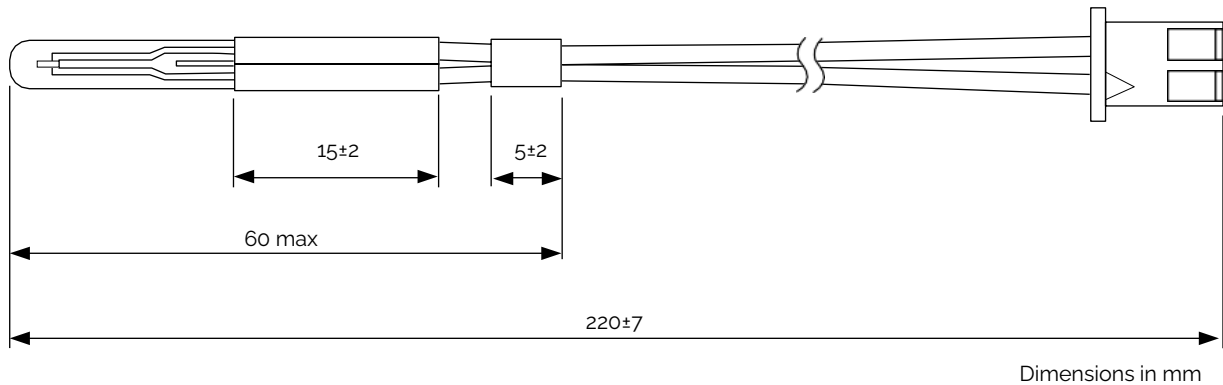
The STS3 sensor is an extended version of the popular Semitec JT thermistor. It expands the practicality and applicability of the standard JT thermistor with longer flexible leads and a fitted connector. Bespoke lead lengths and connectors are available for volume applications.

### Key Applications

- Motherboard Fan Control
- Fire alarms and heat detectors
- Medical sensors
- Rechargeable Batteries

### Features

- Fast response design ( $T_c \leq 1s$ )
- Accuracy  $\pm 1\%$
- Flexible Sensing Tip
- Interchangeability between NTCs
- Operating range up to  $+125^\circ\text{C}$



NTC Thermistor Series	JT
Temperature Range	$-40^\circ\text{C}/+125^\circ\text{C}$ depending on NTC
Sensor Accuracy	$R25 \pm 1\%$
Sensor Material	Polyimide/Polyester
Lead Wires	From 24~30 AWG PVC, XLPE
Connectors	JST XHP-2, Molex mini-fit Jr., etc.