

## Platinum Temperature Sensor Capability

### Expertise

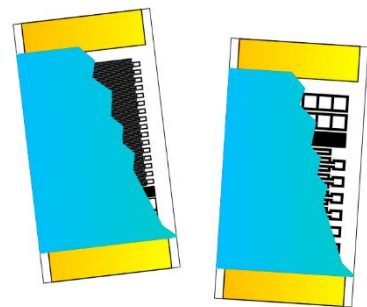
TT Electronics is a leading manufacturer of thin film resistive components including platinum temperature sensors. These parts have a high and constant temperature coefficient across a wide temperature range. This is valuable in many temperature measurement, control and compensation applications:



- Process control temperature sensing
- Over-temperature protection for computing equipment
- Petroleum down-hole coil compensation
- Load cell compensation for scales and balances
- Temperature compensation for flow meter head
- Gyro compensation for missile

### Features & Benefits

- High-stability platinum film element
- Fast response time
- Linear R-T relationship
- TCR of +3850ppm/°C
- 100 ohm and 1 kilohm, 0.5% tolerance (class D) @ 0°C
- Temperature range -50°C to +125°C
- Industry standard 0603, 0805, 1206 surface mount package



### Your Needs

To discuss how we can address your needs please contact our technical team at [resistorgeneral@ttelectronics.com](mailto:resistorgeneral@ttelectronics.com).