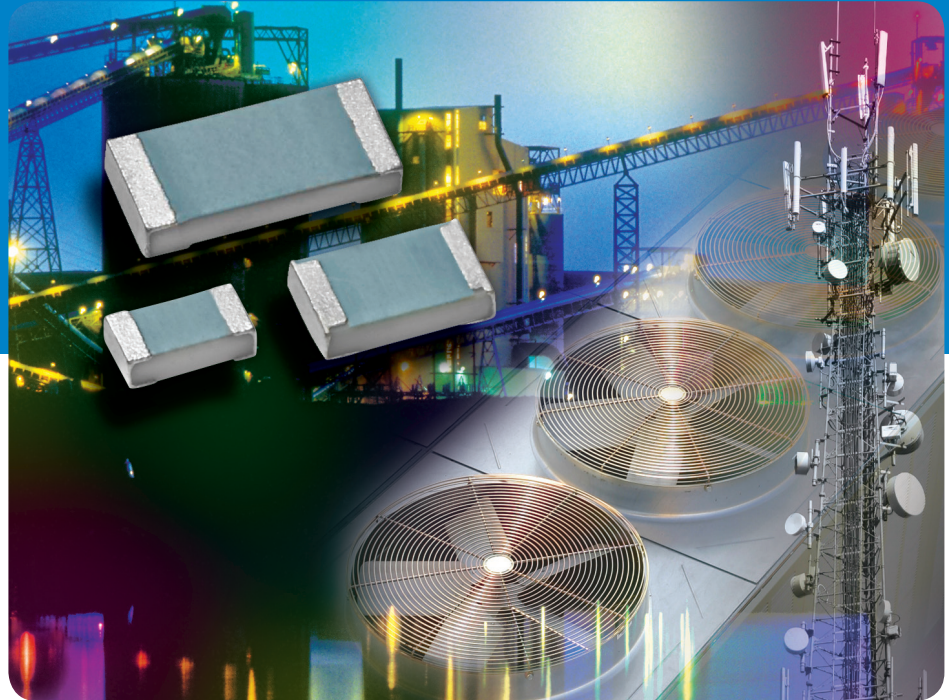




## SENSORS

PTS Series: PTS 0603, PTS 0805, PTS 1206



### Platinum SMD Flat Chip Temperature Sensor

#### KEY BENEFITS

- Wide temperature range ( $-55\text{ }^{\circ}\text{C}$  up to  $+155\text{ }^{\circ}\text{C}$ )
- Linear temperature characteristic ( $\text{TC} = +3850\text{ ppm/K}$ )
- Short reaction time ( $t_{0.9} \leq 5\text{ s}$  in air)
- Tolerance classes F0.3 and F0.6
- Standard ohmic values ( $R @ 0\text{ }^{\circ}\text{C}$ ):  $100\ \Omega$ ,  $500\ \Omega$ , and  $1\text{ k}\Omega$
- Outstanding stability of temperature characteristic ( $< \pm 0.04\%$ )
- Product tested in accordance with IEC 60751 and IEC 60068
- AEC-Q200 qualified

#### APPLICATIONS

- Automotive
- Industrial
- Telecommunications
- White goods
- Medical
- Process and automation technologies
- HVAC

