



Room temperature sensor type ROTSN-P500

Temperature probe with a positive temperature coefficient

Application

- These passive temperature sensors use a platinum sensor element for an outstanding stability of the temperature characteristics.
- They have a positive temperature coefficient of resistance: when the temperature rises, the resistance rises.

Specifications

- Temp. coeff (0 °C...+ 100 °C): + 3850 ppm/K.
- Tolerance classes: F0.3.
- Operating temperature range: -20...+60 °C.
- Min/max temperature exposure for sensor element: -55...+150 °C.
- Long term stability: < ± 0.04 %.
- Insulation resistance: > 10 MΩ.