

192-501DET-A01 Discrete Thermistors

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Actual product appearance may vary.

192 Series, Uni-Curve with bare leads and epoxy, 500 Ohm resistance, $\pm 0,2$ °C [0.36 °F] tolerance, 25/85 BETA = 3348

Description

192 Series Thermistors are high quality, low-cost, resistance temperature-matched interchangeable units. They offer additional cost savings by eliminating the need for individual resistance temperature calibration, as well as standardization of circuit components and simplification of design and replacement problems.

Features

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- Resistance temperature curve interchangeability
- Accuracy
- High stability
- Long life
- Cost effective
- Small size
- Epoxy coated

Potential Applications

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- Temperature measurement, indication and control
- Compensation of ambient temperature effects on copper coils, transistors, integrated circuits and other semiconductor devices
- Medical

Product Specifications

Availability	Global
Resistance	500 Ohm
Tolerance	±0,2 °C [0.36 °F]
Accuracy	0 °C to 70 °C [32 °F to 158 °F]
Beta	3348
Operating Temperature	-60 °C to 150 °C [-76 °F to 302 °F]
Diameter	2,413 mm [0.095 in]
Termination Material	32 Gauge tinned copper, alloy 180
Lead Length	38,1 mm [1.50 in]
Time Constant in Air	15.0 s
Dissipation Constant	0,75 m/W°C
Series Name	192