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192-503QEW-A01

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Overview

192 Series, Uni-Curve with bare leads and epoxy, 50,000 Ohm resistance, ±1,0 °C [1.8 °F] tolerance, 25/85 BETA = 4261. 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.



Technical Specifications

Resistance	50,000 Ohm	Tolerance	±1,0 °C [1.8 °F]
Beta	4261	Operating Temperature	-60 °C to 150 °C [-76 °F to 302 °F]
Accuracy	0 °C to 70 °C [32 °F to 158 °F]	Time Constant in Air	15.0 s
Dissipation Constant	0,75 m/W°C	Diameter	2,413 mm [0.095 in]
Termination Material	32 Gauge tinned copper, alloy 180	Lead Length	38,1 mm [1.50 in]

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Documents

TITLE	DOCUMENT TYPE	LANGUAGE	SIZE
Temperature Sensors Line Guide	Product Line Guide	English	290KB
Embedded Products in Hospital Applications	Brochure	English	5MB
Thermal Sensors	Product Range Guide	English	2MB
Sensors and Switches for Potential Medical Applications	Application Note	English	374KB

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Product Features

- Resistance temperature curve interchangeability
- Accuracy
- High stability
- Long life

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- Cost effective
- Small size
- Epoxy coated

Applications

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

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