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NASA-Qualified Temperature Sensors, Model 44900 Series



NTC Sensor Type: **Epoxy Coated NTC Thermistor**

Lead Wire Length: **76 mm [2.992 in]**

Resistance (at 25°C): **10 kΩ**

β -Value(25/85): **3694 K**

Tolerance β -Value: **±0.8 %**

[All NASA-Qualified Temperature Sensors, Model 44900 Series \(65\)](#)

Features

Product Type Features

NTC Sensor Type	Epoxy Coated NTC Thermistor
Tolerance β -Value	±0.8 %

Electrical Characteristics

β -Value(25/85)	3694 K
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Dimensions

Lead Wire Length	76 mm[2.992 in]
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Usage Conditions

Resistance (at 25°C)	10 kΩ
Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
Operating Temperature (Max)	90 °C[158 °F]

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)

Candidate List Declared Against: JUNE 2023 (235)

SVHC > Threshold:

Pb (40% in Component part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # CAT-NTC0069
NASA-Qualified Temperature Sensors,
Model 44900 Series

Also in the Series | MEAS GSFC



NTC Thermistors(58)

Customers Also Bought



Documents

Datasheets & Catalog Pages

[Model 44907 Datasheet](#)

English