



Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > Discrete NTC > Model 44900 Series



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

Wire Connection: **Open End**

Discrete NTC Wire Length: **76 mm**

Resistance (at 25°C): **5 kΩ**

Beta 25/85 Value: **3987 K**

[All Model 44900 Series \(187\)](#)

Features

Product Type Features

| | |
|--------------------------|-----------------------------|
| Discrete NTC Sensor Type | Epoxy Coated NTC Thermistor |
| Tolerance β -Value | $\pm 0.8\%$ |

Signal Characteristics

| | |
|------------------|--------|
| Beta 25/85 Value | 3987 K |
|------------------|--------|

Body Features

| | |
|-----------------|----------|
| Wire Connection | Open End |
|-----------------|----------|

Dimensions

| | |
|--------------------------|-------|
| Discrete NTC Wire Length | 76 mm |
|--------------------------|-------|

Usage Conditions

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|--|-------------------------|
| Resistance (at 25°C) | 5 kΩ |
| Discrete NTC Ambient Temperature Range | -55 – 90 °C |
| Temperature Accuracy | $\pm .2$ from 0 – 70 °C |
| Maximum Temperature | 90 °C[194 °F] |

Packaging Features

| | |
|----------------------|-----------------------|
| Discrete NTC Package | Epoxy Radial Discrete |
|----------------------|-----------------------|

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 | Not Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | <p>Current ECHA Candidate List: JUL 2021 (219)</p> <p>Candidate List Declared Against: JUN 2020 (209)</p> <p>SVHC > Threshold: Pb (40% in solder)</p> <p>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.</p> |
| 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



Also in the Series | [MEAS GSFC](#)