



Sensors > Temperature Sensors > NTC Sensors > NTC Thermistors > Precision Epoxy Thermistors - 44000



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

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

Resistance (at 25°C): **1 kΩ**

β-Value(25/85): **3312 K**

Tolerance β-Value: **±0.8 %**

[All Precision Epoxy Thermistors - 44000 \(33\)](#)

Features

Product Type Features

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

Electrical Characteristics

|                |        |
|----------------|--------|
| β-Value(25/85) | 3312 K |
|----------------|--------|

Dimensions

|                  |                 |
|------------------|-----------------|
| Lead Wire Length | 76 mm[2.992 in] |
|------------------|-----------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Resistance (at 25°C)        | 1 kΩ                       |
| Operating Temperature Range | -40 – 150 °C[-40 – 302 °F] |
| Operating Temperature (Max) | 150 °C[302 °F]             |

Product Compliance

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

|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                               |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions               |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |



|                                        |                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| 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>

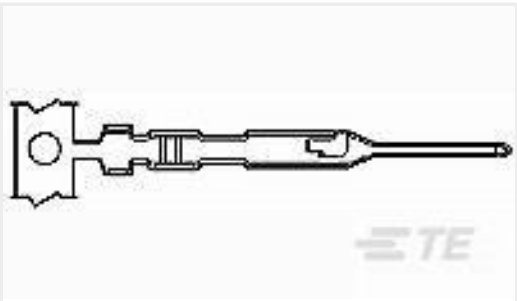
Compatible Parts



Also in the Series | MEAS 44000



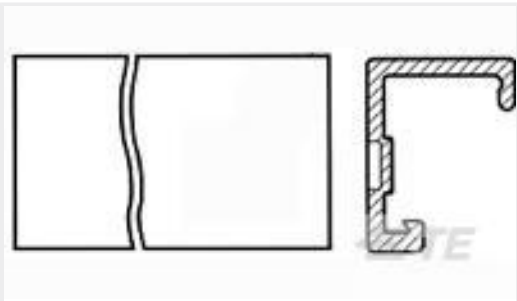
Customers Also Bought



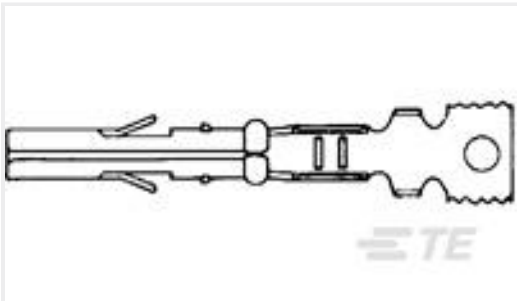
TE Part #104505-8  
MTE PIN 22-26 AWG PLTD



TE Part #4-640443-2  
12P MTA100 CONN ASSY GRN



TE Part #640551-4  
04P MTA156 COVER



TE Part #641300-1  
MR RECPT PTPHBZ LP 26-18



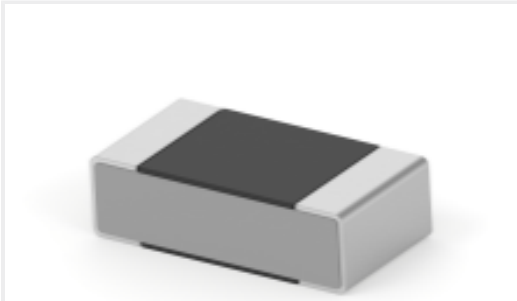
TE Part #207464-7  
HDP-20,PLUG,SIZE 3, 25 POSN



TE Part #66101-3  
III+ SKT,18-16,15AU/FL,LP



TE Part #206966-7  
CABLE SHELL CLAMP SIZE 13



TE Part #1879207-2  
RN 0603 205K 0.1% 10PPM 5K RL



TE Part #66105-3  
III+ SKT,24-20,15AU/FL,LP



TE Part #58433-2  
PRO CR ASSY RG58/59 HEX IS9159

Documents

Datasheets & Catalog Pages

Model 44003 Datasheet

English

TESS-ANDO-408-0000050

English

Model 44000 Series Datasheet

English