



Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > NTC Thermistors



Discrete NTC Sensor Type: **NTC Thermistor**

Wire Connection: **Open End**

Discrete NTC Wire Length: **56 mm**

Resistance (at 25°C): **10 kΩ**

Tolerance Resistance: **± .88 %**

## Features

### Product Type Features

Discrete NTC Sensor Type	NTC Thermistor
Tolerance β-Value	±.5 %

### Body Features

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

### Dimensions

Discrete NTC Wire Length	56 mm
--------------------------	-------

### Usage Conditions

Resistance (at 25°C)	10 kΩ
Tolerance Resistance	± .88 %
Discrete NTC Ambient Temperature Range	-40 – 125 °C
Temperature Accuracy	± .2 from 0 – 70 °C

### Operation/Application

Wire/Cladding Connection	32 AWG Silver Plated Copper, Black PFA Insulated .036" OD
--------------------------	---

### Packaging Features

Discrete NTC Package	Miniature Moisture Resistant Epoxy Discrete
----------------------	---

## 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
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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



TE Part # CAT-NTC0065  
Thermistor Probe — Micro BetaCHIP (MCD)



TE Part # GA10K3MRBD1  
MBD9-PROBE

## Customers Also Bought



TE Part #1-6609104-5  
PE0SXSSX0=C1162



TE Part #1757819-9  
AMPLIMITE,ASY,PLUG,STD,109,ZN,4,CT



TE Part #1-5145154-2  
CONNECTOR, 60 DUAL POSITION, .



TE Part #814522-000  
202D211-4-0



## Documents

### Datasheets & Catalog Pages

[MRBD\\_10K3MRBD1](#)

English