



Sensors > Temperature Sensors > NTC Sensors > NTC Thermistors



NTC Sensor Type: **NTC Thermistor**  
Lead Wire Length: **56 mm [ 2.205 in ]**  
Resistance (at 25°C): **10 kΩ**  
Resistance Tolerance (at 25°C): **± .88 %**  
Tolerance β-Value: **±.5 %**

Features

Product Type Features

NTC Sensor Type	NTC Thermistor
Resistance Tolerance (at 25°C)	± .88 %
Tolerance β-Value	±.5 %

Dimensions

Lead Wire Length	56 mm[2.205 in]
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Usage Conditions

Resistance (at 25°C)	10 kΩ
Operating Temperature Range	-40 – 125 °C[-40 – 257 °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
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) Candidate List Declared Against: JUNE 2024 (241) 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

MBD PROBE, 10K @25C, 0.2 FROM 0 TO 70

Customers Also Bought

TE Part #1-1423675-0

W57-XB7A4A10-20=CKTBKR,THERM,P

TE Part #2430137-1

Conn G SNG 0.8mm D-Sub 9 Pin

TE Part #1-1393249-1

W58-XB1A4A-2=W58

TE Part #1586317-1

VAL-U-LOK SKT BR SN 26-22 LP

TE Part #3-1623925-9

CFR100 5% 470R

TE Part #2-1761605-3

IDC LOW PRO HDR 10P RA BLUE

TE Part #1546670-7

7P .437" DR BARRIER,W/BND SCRW

TE Part #324045

TERMINAL,T-N R 8 3/8



Documents

Datasheets & Catalog Pages

MRBD\_10K3MRBD1

English