



Sensors > Temperature Sensors > NTC Sensors > NTC Thermistors > Standard Epoxy NTC Thermistors



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

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

Resistance (at 25°C): **100 kΩ**

Resistance Tolerance (at 25°C): **± .5 %**

β-Value(25/85): **4261 K**

[All Standard Epoxy NTC Thermistors \(59\)](#)

Features

Product Type Features

β-Value (0/50)	4143 K
Temperature Tolerance	± 0.2 °C from 0 – 70 °C
NTC Sensor Type	Epoxy Coated NTC Thermistor
Resistance Tolerance (at 25°C)	± .5 %
Tolerance β-Value	±.5 %

Electrical Characteristics

β-Value(25/85)	4261 K
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Body Features

Insulation Material	Polytetrafluoroethylene (PTFE)
Lead Wire Conductor Type	Silver Plated Copper Solid

Dimensions

Lead Wire Size	30 AWG
Product Diameter	2.4 mm[.094 in]
Lead Wire Length	76 mm[2.992 in]

Usage Conditions

Resistance (at 25°C)	100 kΩ
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Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Operating Temperature (Max)	125 °C[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	Out of Scope
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: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

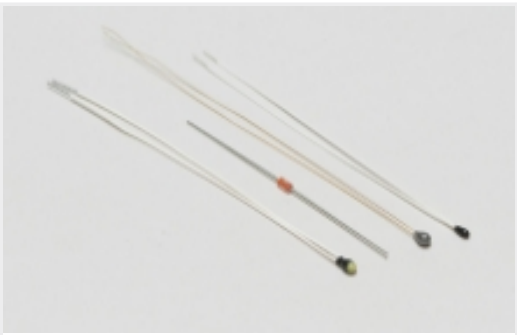
Product Compliance Disclaimer

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 | BETACURVE



NTC Thermistors(60)

Customers Also Bought



TE Part #2-111623-1  
20, 2MM, POL,30 DP, LEAD FREE



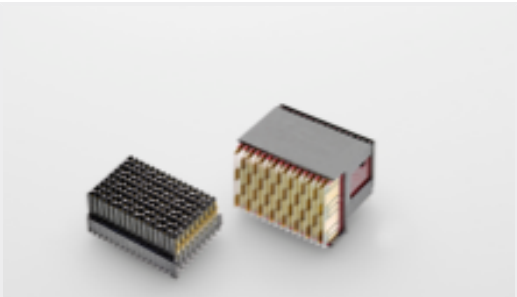
TE Part #1-480722-0  
04P CMNL PLUG HSG W/LCK NATL



TE Part #640456-2  
02P MTA100 HDR ASSY F/L SQ STR



TE Part #1614349-1  
RN 0603 10K 0.1% 10PPM 5K RL



TE Part #2302785-2  
RA PLUG ASSY,7ROW,CENTER,VPX, MG RT3



TE Part #5-103958-7  
2X8 MTE RCPT SR LATCH .100CL



TE Part #5748271-1  
FEMALE SCREWLOCK KIT



TE Part #CONSMA002-SMD-G-T  
SMA Jack 50 Ohm PCB Surface Mount



TE Part #L9000111-01  
Antenna Dome 2.4GHz 1.32 216 UFL



TE Part #7-1393163-3  
MTMF0W00

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_GA100K6A1IB\_5.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_GA100K6A1IB\_5.3d\_igs.zip

GA100K6A1IB

DISCRETE 100K OHMS,+/-0.2C 0C TO 70C



English

Customer View Model

[ENG\\_CVM\\_CVM\\_GA100K6A1IB\\_5.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[GA100K6A1i SERIES II THERMISTORS](#)

English

[CAT-NTC0001 Epoxy coated NTC Thermistors](#)

English