



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): **± .25 %**

β-Value(25/85): **4261 K**

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

Features

Product Type Features

β-Value (0/50)	4143 K
Temperature Tolerance	± 0.1 °C from 0 – 70 °C
NTC Sensor Type	Epoxy Coated NTC Thermistor
Resistance Tolerance (at 25°C)	± .25 %
Tolerance β-Value	±0.5 %

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	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) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

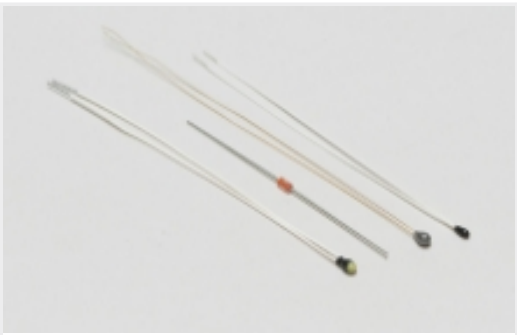
Product Compliance Disclaimer

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

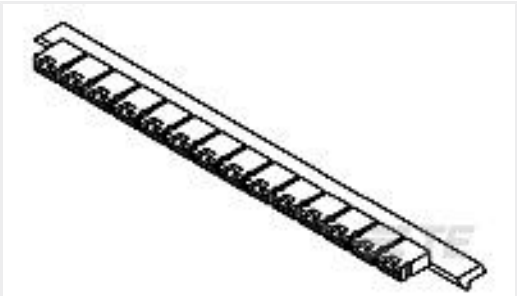


Also in the Series | BETACURVE



NTC Thermistors(60)

Customers Also Bought



TE Part #142270-1
CONNECTOR SHUNT 2 P



TE Part #2-1623729-3
BCHE 17 W 4R7 10%



TE Part #ANT-916-CW-HWR-RPS
Antenna 1/2 Wave Whip Swivel
916MHz RPS



TE Part #5-146278-3
03 MODII HDR SRST B/A .100CL



TE Part #9-1879208-9
CPF0402 150K 0.1% 25PPM 5K RL



TE Part #8296870003
RPS-10-2/2.0-9



TE Part #L9000031-01
Antenna 1/2 Wave Swivel 2.4GHz RPS



TE Part #2-1393237-8
RT424012F



TE Part #323030
SPLICE,SOLIS PARA HR 22-16



TE Part #3-643813-4
04P MTA100 CONN ASSY POL RIB

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_GA100K6A1IA_5.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_GA100K6A1IA_5.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_GA100K6A1IA_5.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Series_II_Thermistor_100K6A1I](#)

English

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

English