



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



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

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

Resistance (at 25°C): **50 kΩ**

β-Value(25/85): **4261 K**

Tolerance β-Value: **±.5 %**

Features

Product Type Features

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

Dimensions

Lead Wire Length	76 mm[2.992 in]
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Usage Conditions

Resistance (at 25°C)	50 kΩ
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

Electrical Characteristics

β-Value(25/85)	4261 K
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant with Exemptions

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: JUNE 2024 (241) 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



TE Part # GA50K6A1B
DISCRETE 50K OHMS, +/-0.2C FROM 0C TO 70C


Customers Also Bought



TE Part #794616-8
FREE HANG DBL ROW HSG 8 POS



TE Part #292230-4
1.5 MINI CT SGL V SMT W/BOSS 4



TE Part #1-104480-3
SHORT POINT CONT 30 DPLX STMPD LF



TE Part #1375819-3
CST-100 II CONTACT 30 GOLD PLT



TE Part #1676183-2
RN 0805 13K 0.1% 10PPM 1KRL

TE Part #4-1419128-3
OJE-SS-112HM,000

TE Part #5-102203-3
06 MODII HDR SRRA SHRD LF

TE Part #1SNA120491R1100
DR4/6.1.N

TE Part #690461-1
SHEAR STOP

TE Part #5500282020
SCL-3/16-0-STK

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_GA50K6A1A_8.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_GA50K6A1A_8.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_GA50K6A1A_8.3d_stp.zip

English

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

Datasheets & Catalog Pages

Series_I_Thermistor_50K6A1

English

GA50K6A1 SERIES I THERMISTORS

English