

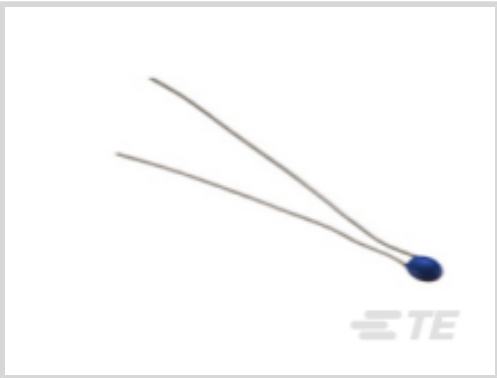


MEAS

TE Internal #: GA50K6A1A
TE Internal Description: DISCRETE 50K OHMS,+/-0.1C FROM 0C
TO 70C
DISCRETE NTC SERIES I

[View on TE.com >](#)

Sensors > Temperature Sensors > NTC Thermistors Sensors & Probes > NTC Thermistors > DISCRETE NTC SERIES I



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 %**

[All DISCRETE NTC SERIES I \(26\)](#)

Features

Product Type Features

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

Electrical Characteristics

β -Value(25/85)	4261 K
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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]

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 #173977-5
CT CONN MT REC ASSY 5P



TE Part #487378-3
004 HOUSING FFC RCPT 100CL SR



TE Part #1676282-1
RN 0805 2K0 0.1% 10PPM CUT LENGTH



TE Part #1676354-2
RN 0805 4K02 0.1% 10PPM 1KRL

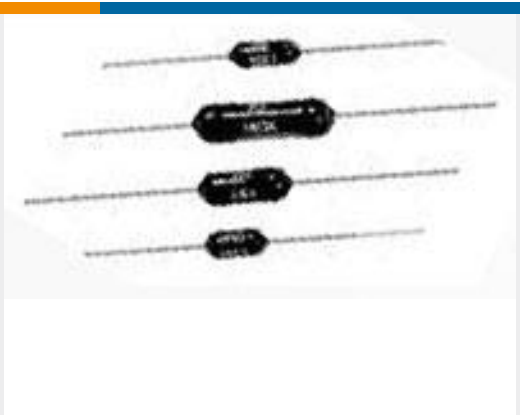




TE Part #350550-6
UMNL SOK 20-14 AU/PHBZ L/P



TE Part #1676352-2
RN 0805 499R 0.1% 10PPM 1KRL



TE Part #2-1879664-4
H8 2K0 0.1% 15PPM



TE Part #794270-1
02P UMNL WIRE SEAL



TE Part #3-644662-2
02P MTA156 CONN ASSY 22AWG LF

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