



MEAS

TE Internal #: GA10K3A1IB

TE Internal Description: DISCRETE 10K OHMS,+/-0.2C FROM 0C TO 70C

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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): **10 kΩ**

β-Value(25/85): **3976 K**

Tolerance β-Value: **±0.5 %**

**Features**

**Product Type Features**

NTC Sensor Type	Epoxy Coated NTC Thermistor
Tolerance β-Value	±0.5 %

**Electrical Characteristics**

β-Value(25/85)	3976 K
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**Dimensions**

Lead Wire Length	76 mm[2.992 in]
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**Usage Conditions**

Resistance (at 25°C)	10 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
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

Low Bromine/Chlorine - Br and Cl < 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



TE Part # GA10K3CG3  
CHPG-NTC CHIP THERMISTORS



TE Part # GA10K3A1IA  
DISCRETE 10K OHMS, +/-0.1C FROM 0C TO 70C



TE Part # CAT-NTC0064  
Discrete NTC Thermistor Series II

## Customers Also Bought



TE Part #925367-4  
MOD 4 REC.HSG 2X04P



TE Part #62122-1  
110 FASTON TAB 22-18 TPBR



TE Part #4-1879215-0  
CPF 0402 10K7 0.1% 25PPM 1K RL



TE Part #1734248-5  
1.0 FPC, ZIF V/T, SMT, 5P



TE Part #6-5535512-2  
06 MODII HORZ DR CE EESS .100

TE Part #20022708-00  
Type T Thermocouple/MTC,  
Black&Red 40awg

TE Part #20022709-00  
Type T Thermocouple/MTC,  
Gold&Red 40awg

TE Part #20022710-00  
Type T Thermocouple/MTC,  
Blue&Red 40awg

TE Part #GA10K3A59I  
DISC+-.25°C 37°C

TE Part #10213124-00  
PRESS XDCR M5256-000002-100BG

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_GA10K3A1IB\\_8.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_GA10K3A1IB\\_8.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_GA10K3A1IB\\_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\\_II\\_Thermistor\\_10K3A1I](#)

English

#### [GA10K3A1i SERIES II THERMISTORS](#)

English