



MEAS

TE Internal #: GA10K3A1B

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

DISCRETE NTC SERIES I

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



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

Wire Connection: **Open End**

Discrete NTC Wire Length: **76 mm**

Resistance (at 25°C): **10 kΩ**

Beta 25/85 Value: **3976 K**

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

**Features**

**Product Type Features**

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

**Signal Characteristics**

Beta 25/85 Value	3976 K
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**Body Features**

Wire Connection	Open End
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**Dimensions**

Discrete NTC Wire Length	76 mm
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**Usage Conditions**

Resistance (at 25°C)	10 kΩ
Discrete NTC Ambient Temperature Range	-40 – 125 °C
Temperature Accuracy	± .2 from 0 – 70 °C
Maximum Temperature	125 °C[257 °F]

**Operation/Application**

Wire/Cladding Connection	32 AWG (.2mm) Alloy 180 Tin Plated
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### Packaging Features

Discrete NTC Package	Epoxy Radial Discrete
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### 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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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



### Customers Also Bought



TE Part #6-1879501-9  
CRGH2512 5% 680R 2W



TE Part #GA100K6A1B  
DISCRETE 100K OHMS, +/-0.2C 0C TO 70C



TE Part #60294-1  
FF 250 TAB 22-18AWG BR

TE Part #5580574004  
VPB-3/8-0SPCS5444

TE Part #819102N004  
301A513-51-0-CS8582

TE Part #819096N005  
381A301-51-0-CS8581

TE Part #819103N003  
462A421-51-0-CS8587

TE Part #11016572-00  
PRO2- FSR20412061

TE Part #GA30K5A364I  
DISC - BTC

## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_GA10K3A1B\\_12.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_GA10K3A1B\\_12.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_GA10K3A1B\\_12.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[GA10K3A1 SERIES I THERMISTORS](#)

English