

# GA10K3A1B ✓ ACTIVE

MEAS | BETACURVE

TE Internal #: GA10K3A1B

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

Standard Epoxy NTC Thermistors

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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): **10 kΩ**

Resistance Tolerance (at 25°C): **± .5 %**

$\beta$ -Value(25/85): **3976 K**

[All Standard Epoxy NTC Thermistors \(92\)](#)

## Features

### Product Type Features

$\beta$ -Value (0/50)	3892 K
Temperature Tolerance	± 0.2 °C from 0 – 70 °C
NTC Sensor Type	Epoxy Coated NTC Thermistor
Resistance Tolerance (at 25°C)	± .5 %
Tolerance $\beta$ -Value	±.5 %

### Electrical Characteristics

$\beta$ -Value(25/85)	3976 K
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### Body Features

Lead Wire Conductor Type	Tinned Copper Alloy Solid
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### Dimensions

Lead Wire Size	32 AWG
Product Diameter	2.4 mm[.094 in]
Lead Wire Length	76 mm[2.992 in]

### Usage Conditions

Resistance (at 25°C)	10 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

China RoHS 2 Directive MIIT Order No 32, 2016

有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)  
Candidate List Declared Against: JAN 2025 (247)  
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F < 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(93)

## Customers Also Bought



TE Part #2-111623-4  
40, 2MM, POL,30 DP, LEAD FREE



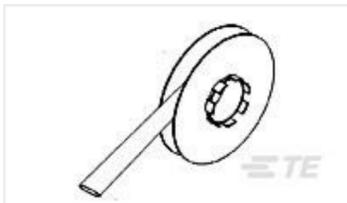
TE Part #8-640917-1  
RECEPT,PIDG FASTON 22-18 187



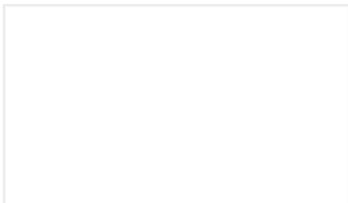
TE Part #5-965906-6  
MQS0,63 Ag rec LL EDS 0,5-0,75



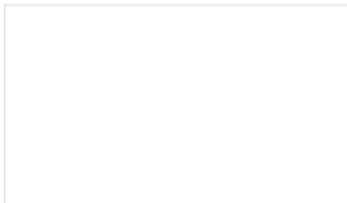
TE Part #1-1437720-3  
T01-0590-PS03=T01-0590-PS03



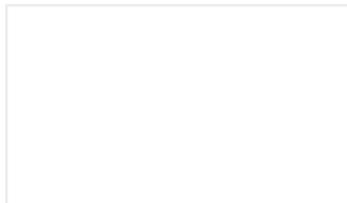
TE Part #997183-000  
TTMS-3.2-9



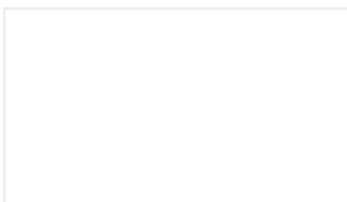
TE Part #85CV-030G-0RT  
NISO,CV,NO FITTING,CBL/TB



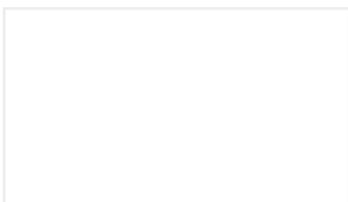
TE Part #GAG10K3D128  
PRO2-PROBE



TE Part #829154-6  
6P AMP-QUICK STLEI



TE Part #928205-6  
6P TELFIX BU-GEH



TE Part #928205-8  
8P TELFIX BU-GEH

## Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

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

[English](#)

[Customer View Model](#)

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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

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

English