



MEAS | BETACURVE

TE Internal #: GA10K3A1AM

TE Internal Description: DISCRETE 10K, +/-0.05C FROM 32C to 44C

Standard Epoxy NTC Thermistors

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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: **±.5 %**

[All Standard Epoxy NTC Thermistors \(59\)](#)

Features

Product Type Features

β-Value (0/50)	3892 K
Temperature Tolerance	± 0.05 °C from 32 – 44 °C
NTC Sensor Type	Epoxy Coated NTC Thermistor
Tolerance β-Value	±.5 %

Electrical Characteristics

β-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
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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



Also in the Series | **BETACURVE**



NTC Thermistors(60)

Customers Also Bought

TE Part #1676639-2
RN 0805 10R 0.1% 10PPM 1K RL

TE Part #5787617-4
RECP ASSY, R/A, STACKED, THRU-HOLE, USB,

TE Part #282851-4
TERMI-BLOK PCB MOUNT 180 4P.5

TE Part #1676666-3
RN 0805 20R 0.1% 10PPM 5K RL

TE Part #7-1879028-0
RN 0805 274K 0.1% 10PPM 1K RL

TE Part #2301996-8
RJ45 JACK INT.MAG. 1GB LED 1X2

TE Part #2-2176186-7
CRGH1206 1% 18K 0.5W

TE Part #4-2176562-1
3430 H2 1% 43R 100ppm 1k RL

TE Part #5-104071-2
05 SYSTEM 50 HDR SRST SHRD SN

TE Part #6-1768702-2
LBC-13041

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_GA10K3A1AM_D.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG_CVM_CVM_GA10K3A1AM_D.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_GA10K3A1AM_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Series_VI_Thermistor_10K3A1AM](#)

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

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