

GA10K3A1A ✓ ACTIVE

MEAS | BETACURVE

TE Internal #: GA10K3A1A

TE Internal Description: DISCRETE 10K OHMS,+/-0.1C 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): **± .25 %**

β -Value(25/85): **3976 K**

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

Features

Product Type Features

β -Value (0/50)	3892 K
Temperature Tolerance	± 0.1 °C from 0 – 70 °C
NTC Sensor Type	Epoxy Coated NTC Thermistor
Resistance Tolerance (at 25°C)	± .25 %
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
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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	Out of Scope
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

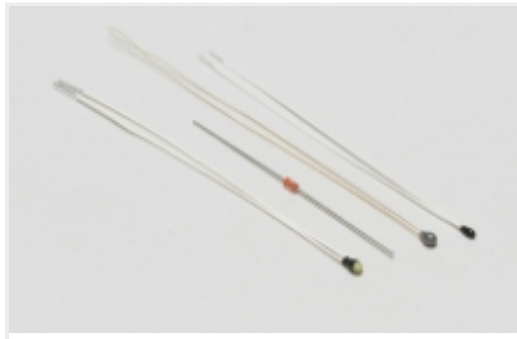
Product Compliance Disclaimer

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(93)

Customers Also Bought



TE Part #RD2458-5-OTDR-NM
Dipol,RDUck,FIXED,NM 2400-
5850MHz,5dBi,O



TE Part #E14886-000
HX-SCE-5K-3.2-50-4



TE Part #9498050001
D-SCE-2.5K-4.8-50-4



TE Part #GPSU15M
GPO,STD,1.5GHz NMO,26



TE Part #31164
TERMINAL,BUDG R 16-14 1/4



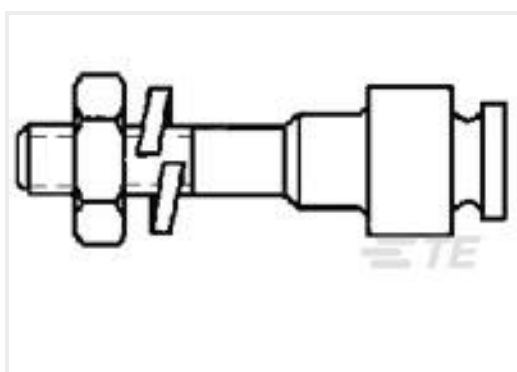
TE Part #60080-2
250 FASTON TAB TPBR



TE Part #173725-1
PL 187 REC TERMINAL 20-14 PTPB LP



TE Part #7-2176389-3
RQ 1206 604R 0.1% 10PPM 5K RL



TE Part #5747242-1
AMPLI SLIDING LOCK POST KIT



TE Part #080-0001
CABLE,U.FL to SMA Bulkhd 1.13mm
Dia,105m

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_GA10K3A1A_12.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_GA10K3A1A_12.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_GA10K3A1A_12.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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[GA10K3A1 SERIES I THERMISTORS](#)

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

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