



MEAS | BETACURVE

TE Internal #: GA30K5A1IB

TE Internal Description: DISCRETE 30K OHMS,+/-0.2C FROM 0C TO 70C

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): **30 kΩ**

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

β-Value(25/85): **3942 K**

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

## Features

### Product Type Features

β-Value (0/50)	3811 K
Temperature Tolerance	± 0.2 °C from 0 – 70 °C
NTC Sensor Type	Epoxy Coated NTC Thermistor
Resistance Tolerance (at 25°C)	± .5 %
Tolerance β-Value	±.5 %

### Electrical Characteristics

β-Value(25/85)	3942 K
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### Body Features

Insulation Material	Polytetrafluoroethylene (PTFE)
Lead Wire Conductor Type	Silver Plated Copper Solid

### Dimensions

Lead Wire Size	30 AWG
Product Diameter	2.4 mm[.094 in]
Lead Wire Length	76 mm[2.992 in]

### Usage Conditions

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Resistance (at 25°C)	30 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: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

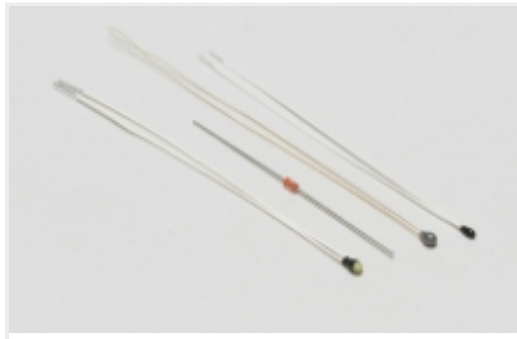
### Product Compliance Disclaimer

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

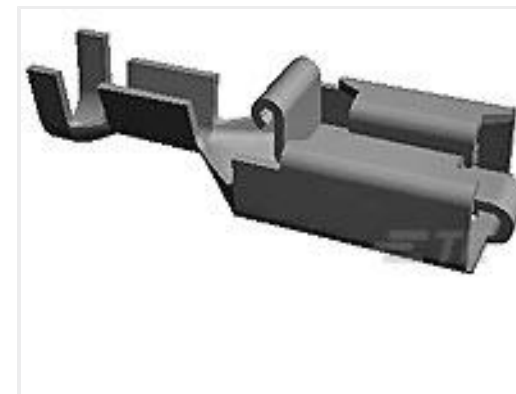
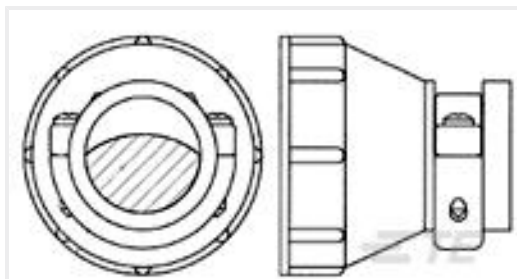
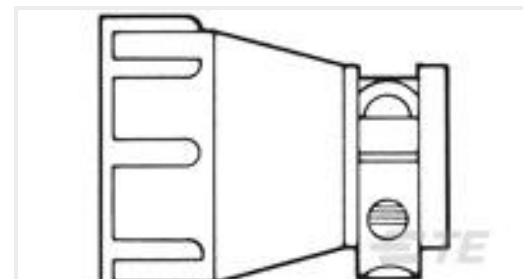
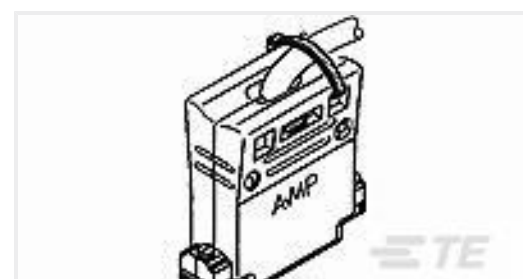


Also in the Series | **BETACURVE**



NTC Thermistors(93)

## Customers Also Bought

TE Part #EC0036-000  
05801505TE Part #802430-SF  
FN2030-6-06TE Part #86016-1  
MOD IV RECP LPTE Part #1-160759-2  
250 PL MKI REC. 20-15AWG PTPBTE Part #182652-1  
23 SIZE CPC STD CLAMPTE Part #1-206062-7  
CABLE CLAMP KIT, BULK PKGTE Part #211767-1  
17-9 CPC RECEIPTTE Part #5-1437624-1  
PKES60B1/8=KNOBTE Part #2-1614884-9  
CPF 0805 33R 0.1% 25PPM 1K RLTE Part #5745134-1  
CABLE CLAMP KIT, SZ 3

## Documents

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_GA30K5A1IB\\_8.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_GA30K5A1IB\\_8.3d\\_igs.zip](#)



English

Customer View Model

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### Datasheets & Catalog Pages

[GA30K5A1i SERIES II THERMISTORS](#)

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

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