

GA100K6A1B

✓ ACTIVE

MEAS | BETACURVE

TE Internal #: GA100K6A1B

TE Internal Description: DISCRETE 100K OHM,+/-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): **100 kΩ**

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

β-Value(25/85): **4261 K**

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

Features

Product Type Features

β-Value (0/50)	4143 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)	4261 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)	100 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	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

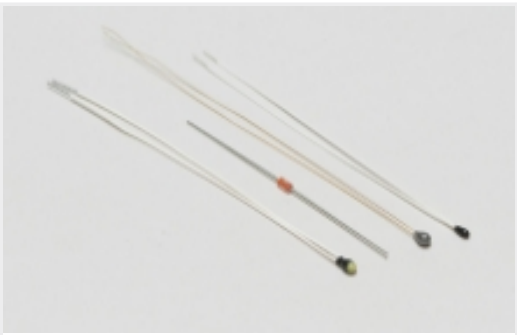
Product Compliance Disclaimer

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

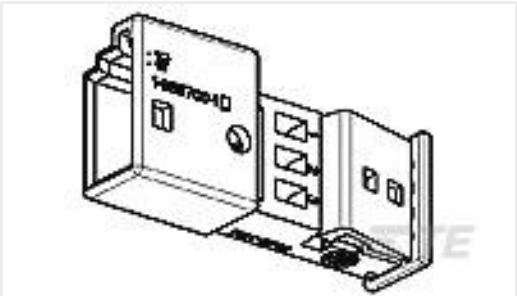


Also in the Series | BETACURVE



NTC Thermistors(60)

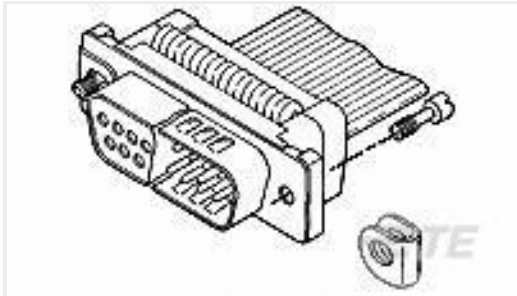
Customers Also Bought



TE Part #2-968700-1
3POS MQS TAB COD B



TE Part #1658612-1
37 POS HDF RCPT, MS, LEAD FREE



TE Part #5746881-1
MALE SCREW RETAINER KIT



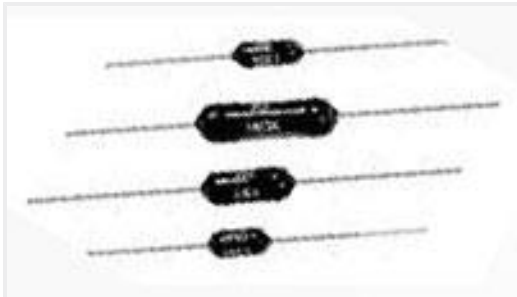
TE Part #747275-1
037 LP HDF STRAIN RELIEF



TE Part #66505-4
HD 20 DF SOCKET PLTD



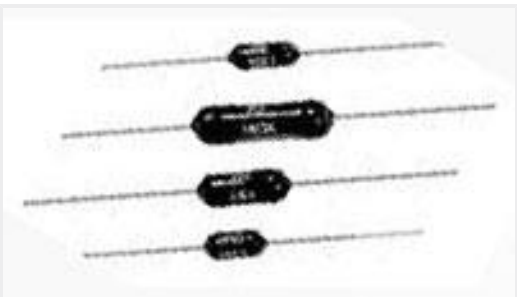
TE Part #1-1337478-0
SMB R/A Plg Hex 50Ohm Gold Pla



TE Part #8-1879665-6
H8 95K3 0.1% 15PPM



TE Part #41772-1
250 FASTON REC 22-18 AWG BR



TE Part #9-1879664-2
H8 10K2 0.1% 15PPM



TE Part #1658613-1
37 POS HDF PLUG, MS, LEAD FREE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_GA100K6A1B_11.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_GA100K6A1B_11.3d_igs.zip

GA100K6A1B

DISCRETE 100K OHM, +/-0.2C FROM 0C TO 70C



English

Customer View Model

[ENG_CVM_CVM_GA100K6A1B_11.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

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