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NTC Sensor Type: **Epoxy Coated NTC Thermistor**

Lead Wire Length: **76 mm [2.992 in]**

Resistance (at 25°C): **100 kΩ**

β-Value(25/85): **4261 K**

Tolerance β-Value: **±.5 %**

[All Discrete NTC Thermistor Series II \(16\)](#)

Features

Product Type Features

NTC Sensor Type	Epoxy Coated NTC Thermistor
Tolerance β-Value	±.5 %

Electrical Characteristics

β-Value(25/85)	4261 K
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Dimensions

Lead Wire Length	76 mm[2.992 in]
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Usage Conditions

Resistance (at 25°C)	100 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	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: JUNE 2024
(241)
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

TE Part # GA100K6A1IA
DISCRETE 100K OHMS,+/-0.1C 0C TO 70C

TE Part # GA100K6A1ID
DISCRETE 100K OHMS,+/-1.0C 0C TO 70C

Customers Also Bought

TE Part #66331-7
III+ SKT,24-20,15AU/FL,STRIP

TE Part #770829-1
04P CMNL HDR R/A BLK HT T/L

TE Part #4-2176306-2
RP 1E 0.1W 3K09 0.1% 25PPM 5K RL

TE Part #ZPF00000000099707
Hybrid Module: Male & female inserts



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_GA100K6A1IB_5.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_GA100K6A1IB_5.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_GA100K6A1IB_5.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

GA100K6A1i SERIES II THERMISTORS

English