



MEAS

TE Internal #: GA30K5A1IB
TE Internal Description: DISCRETE 30K OHMS,+/-0.2C FROM 0C TO 70C
Discrete NTC Thermistor Series II
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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**
 β -Value(25/85): **3942 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)	3942 K
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Dimensions

Lead Wire Length	76 mm[2.992 in]
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Usage Conditions

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: 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 # GA30K5A1IA
DISCRETE 30K OHMS,+/-0.1C FROM 0C TO 70C

TE Part # GA30K5A1B
DISCRETE 30K OHMS,+/-0.2C FROM 0C TO 70C

TE Part # GA30K5A1IC
DISCRETE 30K OHMS,+/-0.5C FROM 0C TO 70C

Customers Also Bought

TE Part #T4110002051-000
M12,FEMALE,STRAIGHT,A CODE,5P, PG9,GOLD

TE Part #1-66255-1
MALE CONTACT ASSY. (STRIP)

TE Part #172164-1
1 CIR UNIV M-N-L PLUG

TE Part #160101-2
RING TONGUE 20-16 AWG 0.0253 TPBR





TE Part #5-1437624-1
PKES60B1/8=KNOB



TE Part #1SNK505020R0000
ZS4-BL



TE Part #1SNK508020R0000
ZS10-BL



TE Part #1SNK905350R0000
JB5-50



TE Part #2-2176606-2
RLC73PD 3A 1R0 1% 2K RL



TE Part #1483356-2
MICRO-MATCH LEAD 16P 150MM

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

ENG_CVM_CVM_GA30K5A1IB_8.3d_stp.zip

English

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

Datasheets & Catalog Pages

GA30K5A1i SERIES II THERMISTORS

English