GA1K2A1 ✔ ACTIVE

MEAS | BETACURVE

TE Internal #: GA1K2A1

TE Internal Description: DISCRETE 1K OHMS,+/-0.2C FROM 0C TO 25C

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): **1 kΩ**

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

β-Value(25/85): **3348 K**

All Standard Epoxy NTC Thermistors (92)

Features

Product Type Features

β-Value (0/50)	3263 K
Temperature Tolerance	± 0.2 °C from 0 – 25 °C
NTC Sensor Type	Epoxy Coated NTC Thermistor
Resistance Tolerance (at 25°C)	± .5 %
Tolerance β-Value	±.5 %

Electrical Characteristics

β-Value(25/85)	3348 K

Body Features

Lead Wire Conductor Type	Tinned Copper Solid

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)	1 kΩ

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]
Operating Temperature (Max)	100 °C[212 °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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

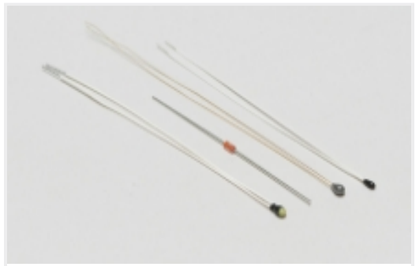
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



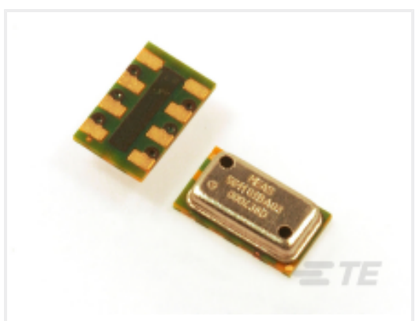
TE Part # GA1K7A1
DISCRETE 1K OHMS,+/-0.2C FROM 0C TO 25C

Also in the Series | BETACURVE

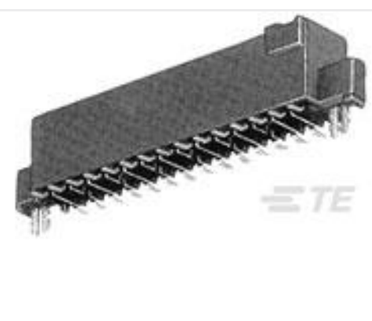


NTC Thermistors(93)

Customers Also Bought



TE Part #MS560702BA03-50
MS5607-02BA SS CAP ALTIMETER T&R



TE Part #5-104652-3
30 50/50 GRID DRST SFMNT RCPT



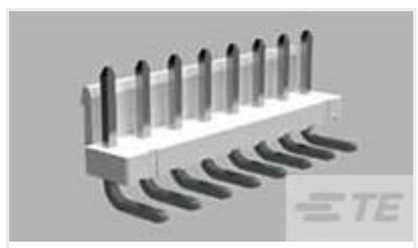
TE Part #5-104693-3
30 50/50 HDR DRST SFMNT.390 SN



TE Part #280223-2
FASTON 375 ASY REC 4-6MM2 0.5X27.0 TPBR



TE Part #292303-9
Std USB Type A, R/A, SMT, Offset, Natural



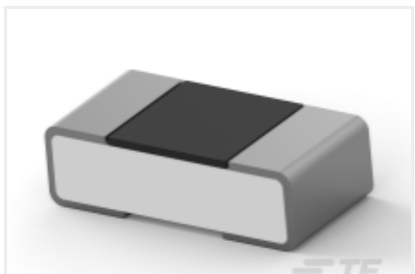
TE Part #1-647676-2
3.96 EP HDR ASSY 12P R/A



TE Part #925603-4
FF 250 REC 20-15 AWG TPPB LP



TE Part #1734035-2
MINI USB, TYPE B, R/A, SMT



TE Part #2176364-2
RQ 0402 4K75 0.1% 10PPM 5K RL



TE Part #2445750-1
ANTENNA 2.4GHz HELICAL VERTICAL THM

Documents

3D PDF

3D

Customer View Model
ENG_CVM_CVM_GA1K2A1_N.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_GA1K2A1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_GA1K2A1_N.3d_stp.zip

English

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GA1K2A1 SERIES V THERMISTORS

English

Series_V_Thermistor_1K2A1

English

CAT-NTC0001 Epoxy coated NTC Thermistors

English