



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): **10 kΩ**

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

β-Value(25/85): **3976 K**

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

Features

Product Type Features

β-Value (0/50)	3892 K
Temperature Tolerance	± 0.1 °C from 0 – 70 °C
NTC Sensor Type	Epoxy Coated NTC Thermistor
Resistance Tolerance (at 25°C)	± .25 %
Tolerance β-Value	±0.5 %

Electrical Characteristics

β-Value(25/85)	3976 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
	.094 in
Lead Wire Length	76 mm[2.992 in]

Usage Conditions

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Resistance (at 25°C)	10 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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 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

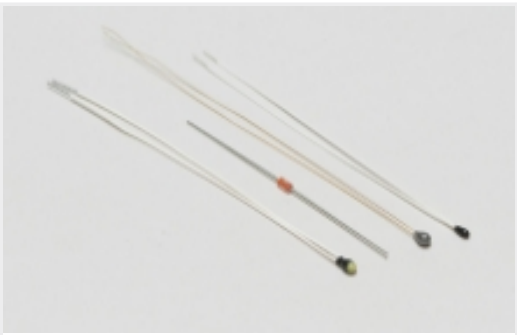


TE Part # CAT-NTC0001  
Standard Epoxy NTC Thermistors



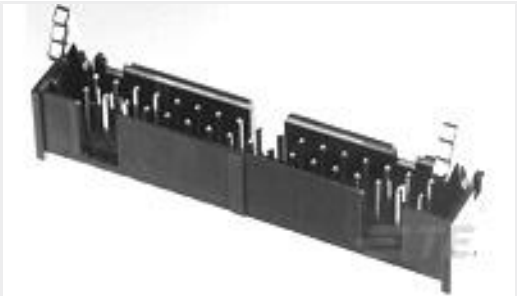
TE Part # GA10K3CG3  
CHPG-NTC CHIP THERMISTORS

Also in the Series | BETACURVE

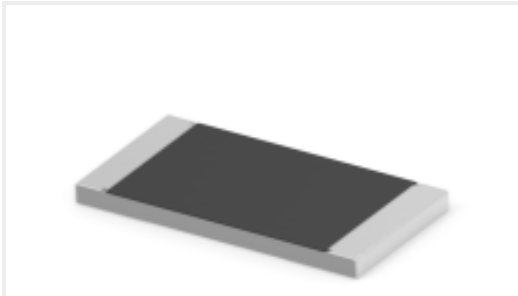


NTC Thermistors(60)

Customers Also Bought



TE Part #3-1761608-7  
IDC LOW PRO HDR 64P VERT SHT L



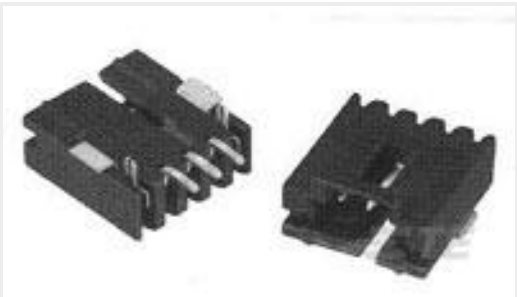
TE Part #6-2176530-3  
3504G 3A 2K43 1% 1K RL



TE Part #2-1445100-5  
MICRO MNL HDR ASSY S/ROW LF



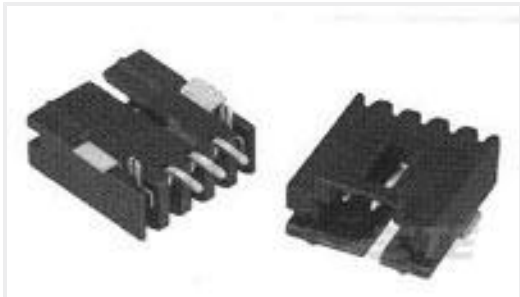
TE Part #2-1445100-2  
MICRO MNL HDR ASSY S/ROW LF



TE Part #5-147278-5  
06 MTE HDR SRRA SFMNT .100CL



TE Part #2102785-1  
RIGID FLEX STACKING CONN



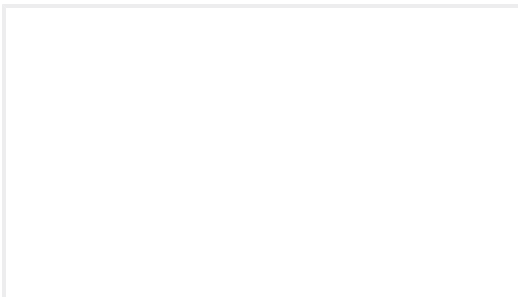
TE Part #5-147278-3  
04 MTE HDR SRRA SFMNT .100CL



TE Part #84533-4  
1.25MM FFC POST PLATED H 4P



TE Part #D34363-000  
22759/32-16-9CS2621



TE Part #Y72349-15-18PNV003  
HERM RECP

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_GA10K3A1IA\_8.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_GA10K3A1IA\_8.3d\_igs.zip

GA10K3A1IA

DISCRETE 10K OHMS,+/-0.1C FROM 0C TO 70C



English

Customer View Model

[ENG\\_CVM\\_CVM\\_GA10K3A1IA\\_8.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Series\\_II\\_Thermistor\\_10K3A1I](#)

English

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

English