



Passive Components > Resistors > Thermistors



Resistance Value: 5K Ω
Package Size Code: 0805
Beta Value: 3450 K
Mode of Operation: Negative Temperature Coefficient

Features

Product Type Features

Package Size Code	0805
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Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Value	5K Ω

Dimensions

Product Width	1.25 mm[.049 in]
Product Length	2 mm[.078 in]
Product Height	.5 mm[.019 in]

Operation/Application

Mode of Operation	Negative Temperature Coefficient
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Packaging Features

Packaging Method	Taped & Reeled
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Other

Beta Value	3450 K
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions



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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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	Reflow solder capable to 260°C

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 # 1624368-2
NTC0805 5% 6K8



TE Part # 1624344-2
NTC0805 5% 100K



TE Part # 1624360-2
NTC0805 5% 3K0



TE Part # 1624345-1
NTC0805 5% 10K



TE Part # 1624352-1
NTC0805 5% 220R

Also in the Series | Neohm NTC

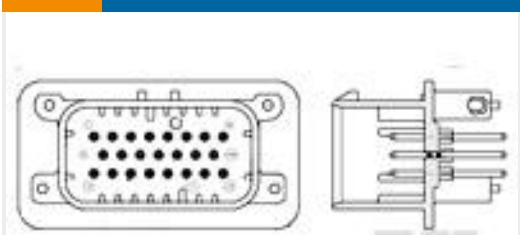
NTC0805J5K0

5K Ω Thermistor, 0805, 3450 K Beta Value, Negative Temperature Coefficient, Neohm NTC



Thermistors(25)

Customers Also Bought



TE Part # 776200-1
23POS,PIN DIA 1.3,HDR ASSY,
180DEG,COD 1



TE Part # 8-1676481-6
CPF 0603 30K 0.1% 25PPM 1K RL



TE Part # 2-1614881-2
CPF0603 2K0 0.1% 25PPM 5K RL



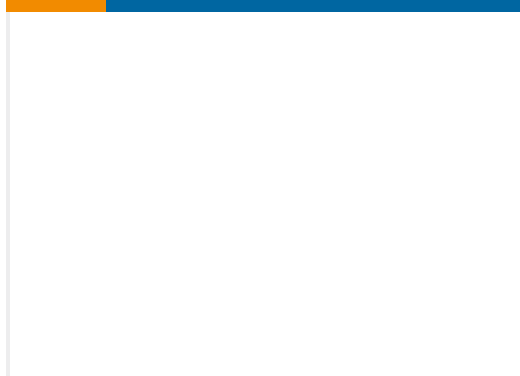
TE Part # 1-2176087-3
RP 1J 0.166W 90R9 0.1% 25PPM 1K RL



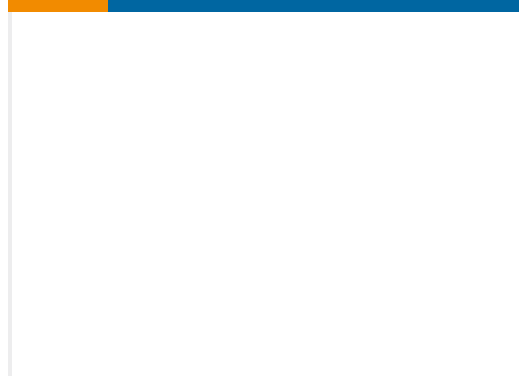
TE Part # 2138622-1
RELAY, EVC135, 26 OHM COIL (15"
WIRE)



TE Part # 6-1437142-7
FSN-22A-6=NOMEX FS STD



TE Part # 5331-BCE-T-010-000
10 kPa Differential Sensor



TE Part # 6331-BCE-T-004-000
4KPA DIFF. DIGITAL PRESSURE
SENSOR

Documents

Product Drawings

NTC0805 5% 5K0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624365-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1624365-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1624365-1_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Negative Temperature Coefficient Chip Thermistors - Type NTC Series

English