



Passive Components > Resistors > Thermistors



Resistance Value: 100K Ω
Package Size Code: 0805
Beta Value: 4100 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	100K 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	4100 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	Not Compliant



China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1624349-1 NTC0805 5% 1K0	 TE Part # 1624362-1 NTC0805 5% 470R	 TE Part # 1624365-1 NTC0805 5% 5K0	 TE Part # 1624347-1 NTC0805 5% 150R
 TE Part # 1624368-2 NTC0805 5% 6K8	 TE Part # 1624348-2 NTC0805 5% 15K	 TE Part # 1624351-1 NTC0805 5% 20K	 TE Part # 1624353-2 NTC0805 5% 22K

NTC0805J100K

100K Ω Thermistor, 0805, 4100 K Beta Value, Negative Temperature Coefficient, Neohm NTC



 TE Part # 1624354-2 NTC0805 5% 2K0	 TE Part # 1624357-2 NTC0805 5% 30K	 TE Part # 1624358-2 NTC0805 5% 330R	 TE Part # 1624360-2 NTC0805 5% 3K0
 TE Part # 1624361-2 NTC0805 5% 3K3	 TE Part # 1624363-1 NTC0805 5% 47K	 TE Part # 1624366-2 NTC0805 5% 680R	 TE Part # 1624364-2 NTC0805 5% 4K7
 TE Part # 1624345-1 NTC0805 5% 10K	 TE Part # 1624352-1 NTC0805 5% 220R	 TE Part # 1624346-2 NTC0805 5% 150K	 TE Part # 1624356-2 NTC0805 5% 2K5

Also in the Series | [Neohm NTC](#)



Thermistors(25)

Customers Also Bought

 TE Part #4-1415053-1 SR4M4024	 TE Part #1-1623728-3 BCHE 11 W 22R 5%	 TE Part #5-1437565-0 FSM6JSMATR=TACT SWITCH 6X6MIL	 TE Part #1393219-6 PE014012
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TE Part #1551574-5
Shield Finger, Loose Piece



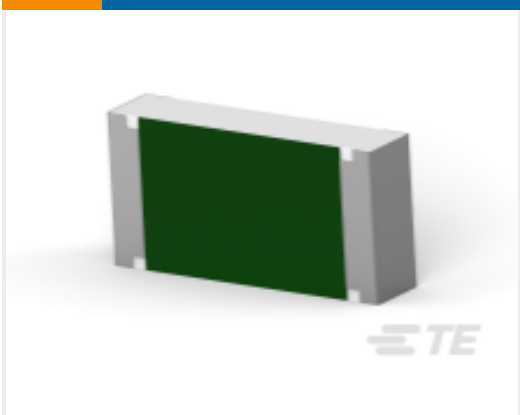
TE Part #1879217-8
CPF 0603 270K 0.1% 25PPM 1K RL



TE Part #3-1623728-0
BCHE 11 W 6R8 10%



TE Part #1-2071556-2
OJS-SH-105HEF,00000



TE Part #2-2176398-3
3502 110K 1%



TE Part #5-2176388-4
RQ 1206 35R7 0.1% 10PPM 5K RL

Documents

Product Drawings

NTC0805 5% 100K

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624344-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1624344-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1624344-2_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