



Passive Components > Resistors > Thermistors



Resistance Value: 100K Ω
Package Size Code: 0805
Beta Value: 4100 K
Thermistor Mode of Operation: Negative Temperature Coefficient
Passive Component Tolerance: 5 %

Features

Product Type Features

Package Size Code	0805
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Electrical Characteristics

Resistance Value	100K Ω
Passive Component Tolerance	5 %

Dimensions

Passive Component Dimensions	2 x 1.25 x.5 mm
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Operation/Application

Thermistor 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 2023 (235)
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 # 1624345-1 NTC0805 5% 10K	 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 # 1624352-1 NTC0805 5% 220R	 TE Part # 1624368-2 NTC0805 5% 6K8	 TE Part # 1624346-2 NTC0805 5% 150K

NTC0805J100K

100K Ω Thermistor, 0805, 4100 K Beta Value, Negative Temperature Coefficient, 5 %, Neohm NTC



 TE Part # 1624348-2 NTC0805 5% 15K	 TE Part # 1624351-1 NTC0805 5% 20K	 TE Part # 1624353-2 NTC0805 5% 22K	 TE Part # 1624354-2 NTC0805 5% 2K0
 TE Part # 1624356-2 NTC0805 5% 2K5	 TE Part # 1624357-2 NTC0805 5% 30K	 TE Part # 1624358-2 NTC0805 5% 330R	 TE Part # 1624359-2 NTC0805 5% 33K
 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

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



Thermistors(25)

Customers Also Bought

 TE Part #1-1623728-3 BCHE 11 W 22R 5%	 TE Part #3-1462039-8 IM06DTS=IM RELAY 140mW 12V	 TE Part #216564-1 6/6 PCB MOD.JACK TE	 TE Part #3-2176056-1 RLP73K 2B R18 5% 5K RL
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TE Part #1-2176338-6
CRGCQ 0402 330R 5%

TE Part #5-2176343-1
CRGCQ 1206 150K 1%

TE Part #173858-1
070 MULTILOCK CAP ASSY 12P

TE Part #208223-9
CPC RECPT ASSEMBLY SIZE 13-9

TE Part #NB08612001
ATUM-16/4-2-STK

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

Product Environmental Compliance

Product Compliance Document

English

NTC0805J100K

100K Ω Thermistor, 0805, 4100 K Beta Value, Negative Temperature Coefficient, 5 %, Neohm NTC



Product Compliance Document

English