



Passive Components > Resistors > Thermistors



Resistance Value: **47K 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	47K 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	Out of Scope



China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	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 # 1624344-2
NTC0805 5% 100K



TE Part # 1624352-1
NTC0805 5% 220R



TE Part # 1624360-2
NTC0805 5% 3K0

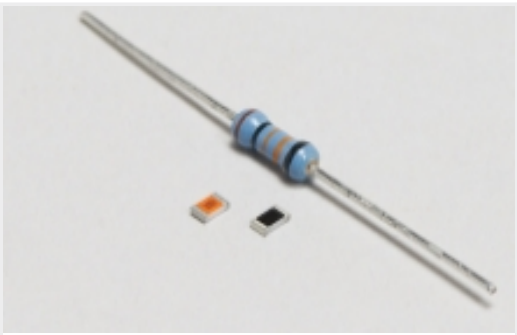


TE Part # 1624345-1
NTC0805 5% 10K



TE Part # 1624368-2
NTC0805 5% 6K8

Also in the Series | Neohm NTC



Thermistors(21)

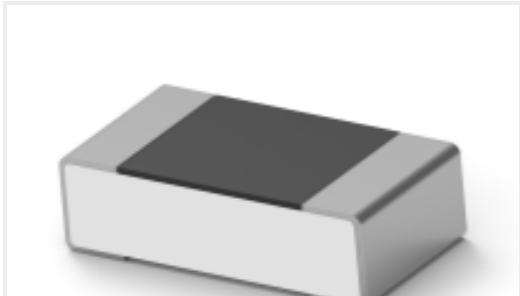
Customers Also Bought



TE Part #2-2176185-4
CRGH0805 1% 56K 0.33W



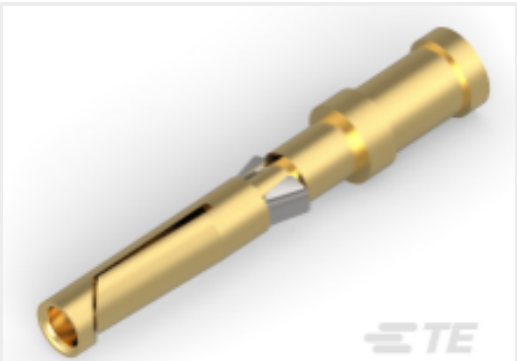
TE Part #1-1614350-9
RN 0603 12K4 0.1% 10PPM CUT LENGTH



TE Part #3-2176371-9
RQ 0603 11K5 0.1% 10PPM 5K RL



TE Part #4-1437565-1
FSM4JSMA=SMT,TACTILE,PB SWITCH



TE Part #T2020012015-000
DDF-1.5



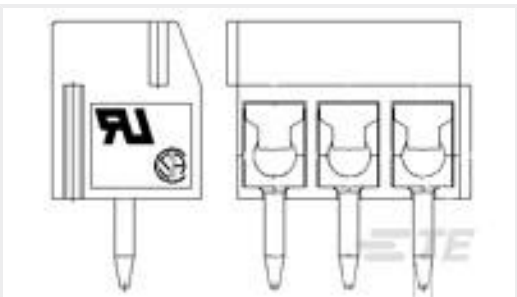
TE Part #9-1614353-0
RN 0603 49K9 0.1% 10PPM CUT LENGTH



TE Part #T2020011015-000
DDM-1.5



TE Part #8-1419111-2
PT570060



TE Part #1776275-5
5P TB ,90deg,VT,3.5mm,Blue,w /interlock



TE Part #144586-000
MFT-MT2000-NO.65-X-SP

Documents

Product Drawings

NTC0805 5% 47K

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624363-1_B.2d_dxf.zip

NTC0805J47K

47K ohm Thermistor, 0805, 4100 K Beta Value, Negative Temperature Coefficient, Neohm NTC



English

Customer View Model

[ENG_CVM_CVM_1624363-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1624363-1_B.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