



NEOHM | NEOHM NTC

TE Internal #: 1624365-1

5K ohm Thermistor, 0805, 3450 K Beta Value, Negative Temperature Coefficient, NEOHM NTC

[View on TE.com >](#)

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 |
|-------------------|------|

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 |
|-------------------|----------------------------------|

Packaging Features

| | |
|------------------|----------------|
| Packaging Method | Taped & Reeled |
|------------------|----------------|

Other

| | |
|------------|--------|
| Beta Value | 3450 K |
|------------|--------|

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 | 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 | 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

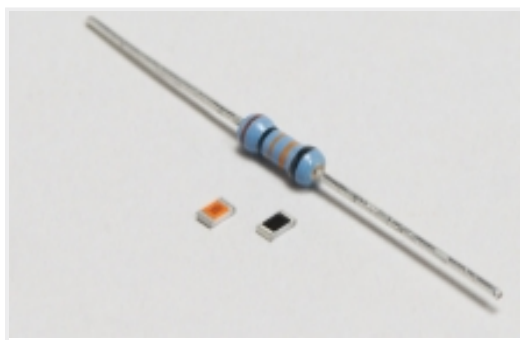
TE Part # 1624352-1
NTC0805 5% 220R

TE Part # 1624344-2
NTC0805 5% 100K

TE Part # 1624360-2
NTC0805 5% 3K0

TE Part # 1624368-2
NTC0805 5% 6K8

Also in the Series | **NEOHM NTC**



Thermistors(21)

Customers Also Bought



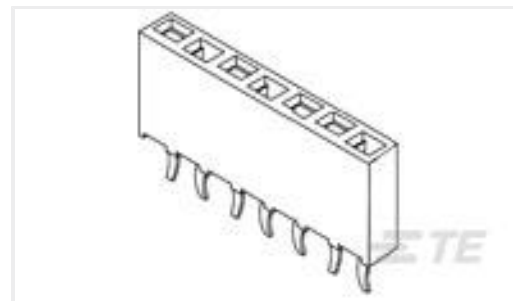
TE Part #474340-E
IDCTERM 1 I2426 1,10 KA 105 707
0007 J



TE Part #1-84982-6
1MM FFC SMT V ASSY 16P EMBOSS



TE Part #215297-6
6P HV100 REC CON. TE, 7.0MM



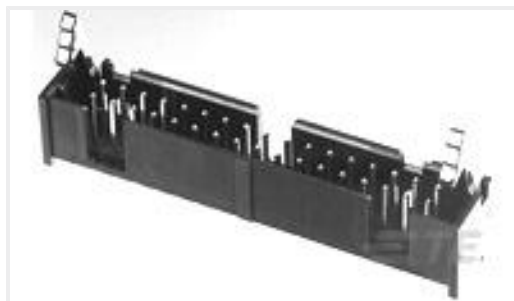
TE Part #1-215297-6
16P HV100 REC CON. TE, 7.0MM



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



TE Part #1-1625885-5
1W SM M/OX 5% 120K



TE Part #2-1761606-1
IDC LOW PRO HDR 6P VERT LAT



TE Part #1825002-5
ADF0404=DIP SWT,FLUSH,THRU/HL



TE Part #9-1879223-2
CPF 0603 2K49 0.1% 25PPM 1K RL



TE Part #1-5747872-6
15 PLUG SP/FMS INSRT

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

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[TE Connectivity Information](#)

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