



Passive Components > Resistors > Thermistors



Resistance Value: **47K  $\Omega$**

Package Size Code: **0805**

Beta Value: **4100 K**

Mode of Operation: **Negative Temperature Coefficient**

Features

Product Type Features

|                   |      |
|-------------------|------|
| Package Size Code | 0805 |
|-------------------|------|

Electrical Characteristics

|                             |              |
|-----------------------------|--------------|
| Passive Component Tolerance | 5 %          |
| Resistance Value            | 47K $\Omega$ |

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 | 4100 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # 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



Thermistors(21)

Customers Also Bought



TE Part #1376020-1  
DYNAMIC D2100 HDR H ASSY 12P X



TE Part #3906690001  
TMS-SCE-1/4-2.0-4



TE Part #8-188275-4  
MICRO-MATCH SMD FTE



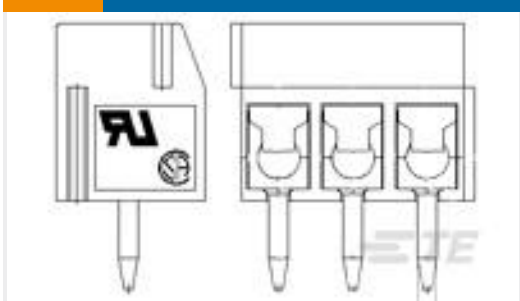
TE Part #8-1393239-5  
RT314F05



TE Part #826629-2  
2P AMPMODU II



TE Part #9-1393239-5  
RT314012



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



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



TE Part #2-2176327-1  
CRGP 0805 470R 1%



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

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