



Neohm | Neohm NTC

TE Internal #: 1624368-2

6.8K ohm Thermistor, 0805, 3850 K Beta Value, Negative Temperature Coefficient, Neohm NTC

[View on TE.com >](#)

Passive Components > Resistors > Thermistors



Resistance Value: **6.8K Ω**

Package Size Code: **0805**

Beta Value: **3850 K**

Mode of Operation: **Negative Temperature Coefficient**

EU RoHS Compliance: **Compliant with Exemptions**

Features

Packaging Features

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

Dimensions

Product Width	1.25 mm[.049 in]
Product Length	2 mm[.078 in]
Product Height	.5 mm[.019 in]

Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Value	6.8K Ω

Product Type Features

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

Other

Beta Value	3850 K
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Not Compliant

Operation/Application

Mode of Operation	Negative Temperature Coefficient
-------------------	----------------------------------

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

 <p>TE Part # 1624350-2 NTC0805 5% 1K5</p>	 <p>TE Part # 1624345-1 NTC0805 5% 10K</p>	 <p>TE Part # 1624365-1 NTC0805 5% 5K0</p>	 <p>TE Part # 1624361-2 NTC0805 5% 3K3</p>
 <p>TE Part # 1624362-1 NTC0805 5% 470R</p>	 <p>TE Part # 1624348-2 NTC0805 5% 15K</p>	 <p>TE Part # 1624349-1 NTC0805 5% 1K0</p>	 <p>TE Part # 1624357-2 NTC0805 5% 30K</p>



TE Part # 1624364-2
NTC0805 5% 4K7



TE Part # 1624354-2
NTC0805 5% 2K0



TE Part # 1624359-2
NTC0805 5% 33K



TE Part # 1624346-2
NTC0805 5% 150K



TE Part # 1624363-1
NTC0805 5% 47K



TE Part # 1624351-1
NTC0805 5% 20K



TE Part # 1624344-2
NTC0805 5% 100K



TE Part # 1624366-2
NTC0805 5% 680R



TE Part # 1624352-1
NTC0805 5% 220R



TE Part # 1624358-2
NTC0805 5% 330R



TE Part # 1624353-2
NTC0805 5% 22K



TE Part # 1624347-1
NTC0805 5% 150R

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



Thermistors(21)

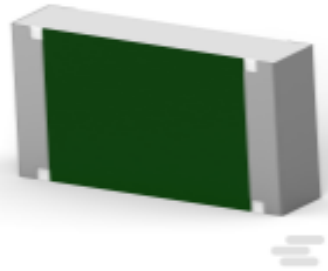
Customers Also Bought



TE Part #1623004-1
CRG0603 1% 8K2



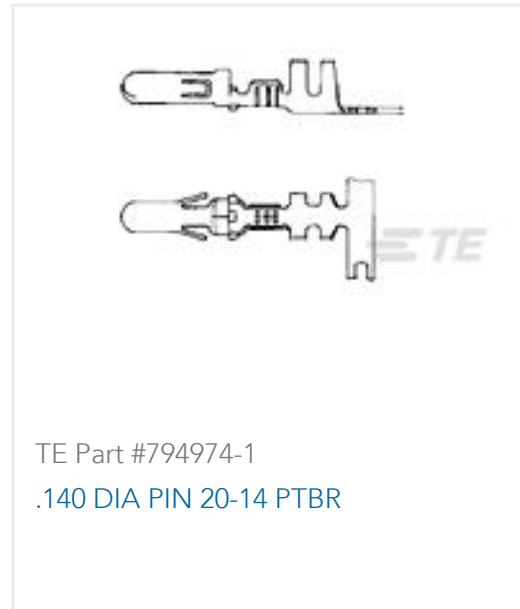
TE Part #1375819-3
CST-100 II CONTACT 30 GOLD PLT



TE Part #2-2176397-0
3502 6R2 1%



TE Part #0915756003
LSTT-R-9.5-0



Documents

Product Drawings

[NTC0805 5% 6K8](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1624368-2_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1624368-2_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1624368-2_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