



Neohm | Neohm UPW

TE Internal #: 1-1624323-4

500 ohm, Through-Hole Precision Resistor, Wire Wound, .5 W, .1 %, ±5 ppm/°C, Axial-Leaded, Copper Termination, 12.7 x 6.35 mm, Neohm UPW

[View on TE.com >](#)

Passive Components > Resistors > Through-Hole Resistors



Resistance Value: **500 Ω**

Resistor Type: **Precision Resistor**

Element Type: **Wire Wound**

Power Rating: **.5 W**

Resistance Class: **Up to 1kΩ**

Features

Usage Conditions

Operating Temperature Range	-55 – 145 °C
Temperature Coefficient	±5 ppm/°C

Electrical Characteristics

Operating Voltage	400 V
Resistance Value	500 Ω
Power Rating	.5 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.1 %

Product Type Features

Resistor Type	Precision Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1
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Body Features

Lead Type	Axial-Leaded
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Termination Features

Termination Area Base Material	Copper
Number of Terminations	2



Dimensions

Passive Component Dimensions	12.7 x 6.35 mm
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Packaging Features

Packaging Method	Loose Piece - Box
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2022 (223) 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

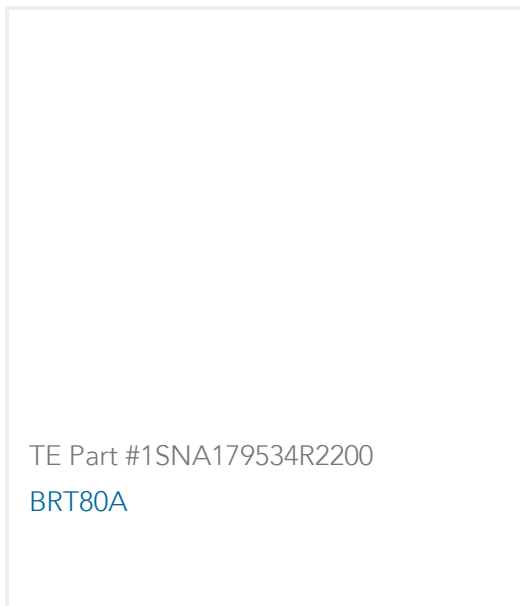


Also in the Series | **Neohm UPW**



Through-Hole Resistors(31)

Customers Also Bought



TE Part #1SNA179534R2200
BRT80A



TE Part #1622359-1
LR1 1% 1K5



TE Part #1-1624323-7
UPW50 0.1% 5PPM 5K0



TE Part #1624322-6
UPW25 0.1% 5PPM 250R



TE Part #1SNA290221R0400
DS2.5/5.2L



TE Part #1624323-3
UPW50 0.1% 5PPM 10K



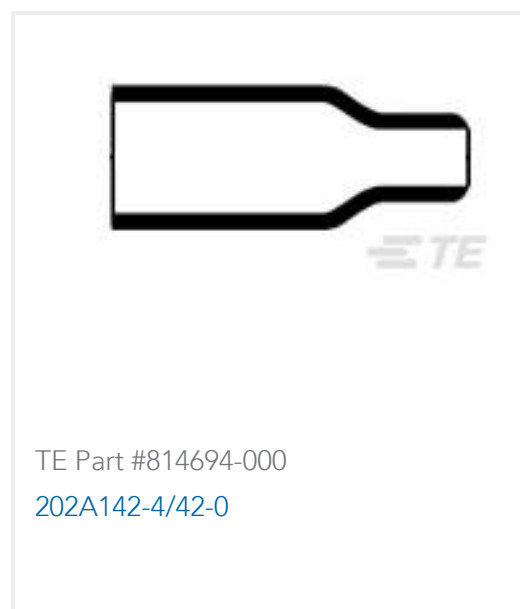
TE Part #2-1623774-6
C14 2K2 5% (LOOSE)



TE Part #843036-000
101A031-3-0



TE Part #2180143008
55A0811-20-9



TE Part #814694-000
202A142-4/42-0

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1-1624323-4_BA_c-1-1624323-4-ba.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG_CVM_CVM_1-1624323-4_BA_c-1-1624323-4-ba.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1-1624323-4_BA_c-1-1624323-4-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

[Ultra Precision Wire-Wound Resistors - Type UPW Series - Tyco Electronics Passives](#)

English