UPW25B50RV ✔ ACTIVE

NEOHM | NEOHM UPW

TE Internal #: 1624322-7

50 ohm, Wire Wound, Precision Resistor, .1 %, .25 W, ±5 ppm/°C, Axial-Leaded, Copper Termination, 9.53 x 4.75 mm, Loose Piece - Box, NEOHM UPW

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Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Element Type: **Wire Wound**

Power Rating: **.25 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **50 Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	300 V
Power Rating	.25 W
Resistance Class	Up to 1kΩ
Resistance Value	50 Ω
Passive Component Tolerance	.1 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	9.53 x 4.75 mm

Usage Conditions

Operating Temperature Range	-55 – 145 °C[-67 – 293 °F]
Temperature Coefficient	±5 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Box

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1624322-6
UPW25 0.1% 5PPM 250R



TE Part # 1-1624323-4
UPW50 0.1% 5PPM 500R



TE Part # 1-1624323-0
UPW50 0.1% 5PPM 250R



TE Part # 1624323-6
UPW50 0.1% 5PPM 1K0



TE Part # 1624322-1
UPW25 0.1% 5PPM 100K

Also in the Series | NEOHM UPW



Through-Hole Resistors(31)

Customers Also Bought



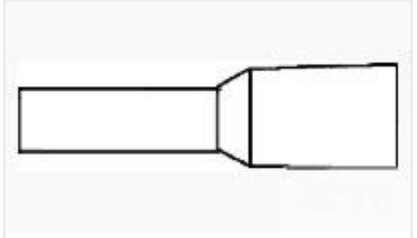
TE Part #1SNG609012R0000
ENBR-WG-M20-BL-A



TE Part #5677622002
RNF-3000-1.5/0.5-2-STK



TE Part #A956573001
FLDWC0311-1.50-2



TE Part #966144-6
FER,WIRE,DBL,PL SLV,1.50/16,L8, BLACK,LP



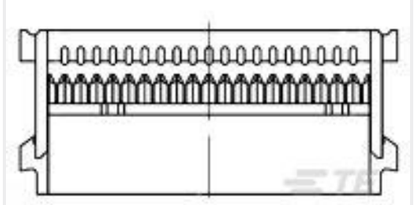
TE Part #1609112-8
10CS1 M0=F7803



TE Part #1622198-1
LR0204 1% 22R



TE Part #1622298-1
LR1 1% 10K



TE Part #1658526-5
609-1041LF FEM SOCKT,LEAD FREE



TE Part #1658615-1
37 POS HDF PLUG, AP, LEAD FREE



TE Part #2176163-7
UPF50 0.1% 5PPM 200R

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1624322-7_BA.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1624322-7_BA.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1624322-7_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Ultra Precision Wire-Wound Resistors - Type UPW Series - Tyco Electronics Passives

English