UPW50B100RV ACTIVE

Neohm | Neohm UPW

TE Internal #: 1624323-2

100 Ω , Wire Wound, Precision Resistor, .1 %, 12.7 x 6.35 mm, 2 Termination, Loose Piece - Box, .5 W, ± 5 ppm/°C, Neohm UPW

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Passive Components > Resistors > Through-Hole Resistors



Resistor Type: Precision Resistor

Passive Component Dimensions: 12.7 x 6.35 mm

Number of Terminations: 2

Packaging Method: Loose Piece - Box
Passive Component Tolerance: .1 %

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1	
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Electrical Characteristics

Voltage Rating	400 V
Passive Component Tolerance	.1 %
Resistance Class	Up to $1k\Omega$
Resistance Value	100 Ω
Power Rating	.5 W

Body Features

Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	12.7 x 6.35 mm	



Usage Conditions

Operating Temperature Range	-55 – 145 °C
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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





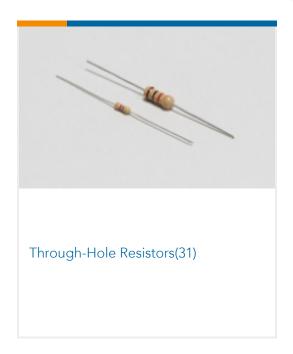








Also in the Series | Neohm UPW



Customers Also Bought

















Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624323-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1624323-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1624323-2_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

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

English

Product Environmental Compliance

TE Material Declaration

English