# UPW50B2K0V ✓ ACTIVE

#### Neohm | Neohm UPW

TE Internal #: 1-1624323-1

2K 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:  $2K \Omega$ 

Resistor Type: **Precision Resistor**Element Type: **Wire Wound** 

Power Rating: .5 W

Resistance Class:  $1k\Omega - 1M\Omega$ 

## **Features**

### **Product Type Features**

Resistor Type	Precision Resistor
Element Type	Wire Wound
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Operating Voltage	400 V
Resistance Value	2Κ Ω
Power Rating	.5 W
Resistance Class	$1k\Omega - 1M\Omega$
Passive Component Tolerance	.1 %
Body Features	
Lead Type	Axial-Leaded

**Termination Features** 

Passive Component Dimensions

Termination Area Base Material	Copper	
Number of Terminations	2	
Dimensions		

12.7 x 6.35 mm



#### **Usage Conditions**

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

Loose Piece - Box

# **Product Compliance**

Packaging Method

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: JAN 2025 (247) 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



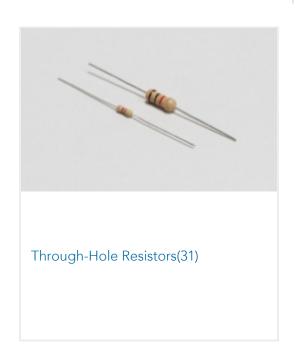








# Also in the Series | Neohm UPW



# Customers Also Bought























## **Documents**

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-1624323-1\_BA.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1624323-1\_BA.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1624323-1\_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