UPW50B10RV ✔ ACTIVE

Neohm | Neohm UPW

TE Internal #: 1624323-4

10 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: **10 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	10 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

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	12.7 x 6.35 mm

Packaging Features

Packaging Method	Loose Piece - Box

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

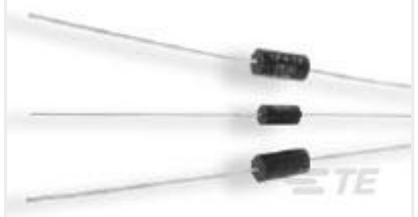
For compliance documentation, visit the product page on TE.com>

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: JUL 2021 (219) 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

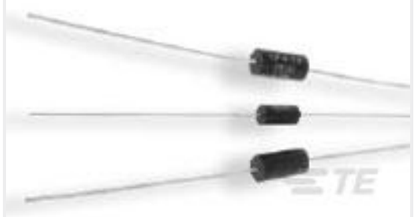
Product Compliance Disclaimer

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



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



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

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

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

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

Also in the Series | Neohm UPW

Through-Hole Resistors(31)

Customers Also Bought

TE Part #1622406-1
LR1 1% 270R

TE Part #1-1879026-0
YR1 0.1% 12R4

TE Part #6-1622796-7
YR1 0.1% 15K4

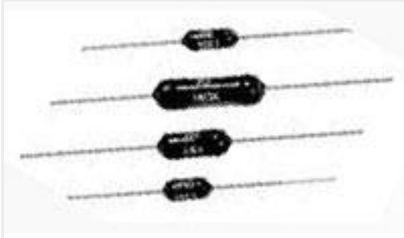
TE Part #1624323-3
UPW50 0.1% 5PPM 10K

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

TE Part #1-1623773-6
C10 22K 5% (LOOSE)

TE Part #1-2176329-0
CRGP 1210 56R 1%

TE Part #2176177-4
CRGH0603 1% 270R 0.2W



TE Part #8-1879661-5
H4 1M0 0.1% 15PPM

TE Part #621055N005
D-142-51CS918

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624323-4_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1624323-4_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_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