UPW25B100RV ✔ ACTIVE

NEOHM | NEOHM UPW

TE Internal #: 1624322-2

100 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

View on TE.com >

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: **100 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	100 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	Out of Scope
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) SVHC > Threshold: DCP (3.7% in 6696863320) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1-1624323-4
UPW50 0.1% 5PPM 500R

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

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

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

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

Also in the Series | NEOHM UPW

Through-Hole Resistors(31)

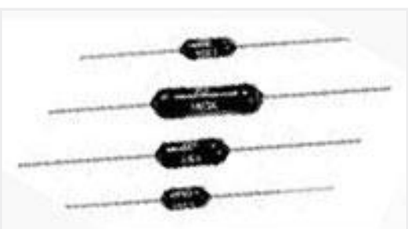
Customers Also Bought

TE Part #6-103634-3
14 MTE HDR SRRA LTCH.100CL LF

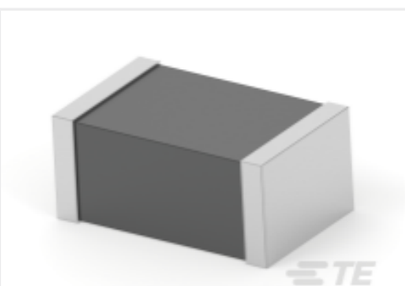
TE Part #1415898-2
RTS3TA12

TE Part #8-1622826-2
CRG0402 1% 22R

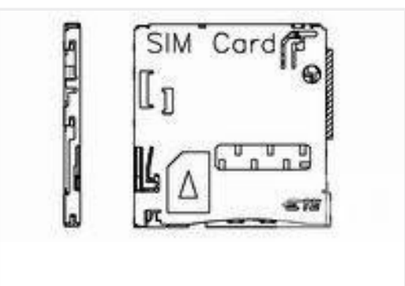
TE Part #1676703-3
RN 0805 49R9 0.1% 10PPM 5K RL



TE Part #9-1879663-4
H8 1K0 0.1% 15PPM



TE Part #2176487-1
BMC 0805 300R 25% A Med C



TE Part #2229333-2
PUSH-PUSH MICRO SIM CONNECTOR SMT-2 TYPE

TE Part #2305018-2
USB TYPE C, REC IPX8 ON BOARD DUAL SMT

TE Part #2311765-1
AMPL REC, HD20, R/A, 9P, S/L, .318

TE Part #1717831-2
MINI PCI EXPRESS EMBOSS TAPE CONN

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624322-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1624322-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1624322-2_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