



Passive Components > Resistors > Fixed Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Dimensions: **12.7 x 6.35 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Box**

Tolerance: **.1%**

## Features

### Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Element Type	Wirewound

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Voltage Rating	400 V
Tolerance	.1%
Resistance Class	Up to 1k $\Omega$
Resistance	250 $\Omega$
Power Rating	.5 W

### Termination Features

Number of Terminations	2
Termination Type	Tinned Copper Leads

### Mechanical Attachment

Mount Style	Axial Leaded
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### Dimensions

Dimensions	12.7 x 6.35 mm
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### Usage Conditions

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

### Packaging Features

Packaging Method	Loose Piece - Box
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### Product Compliance

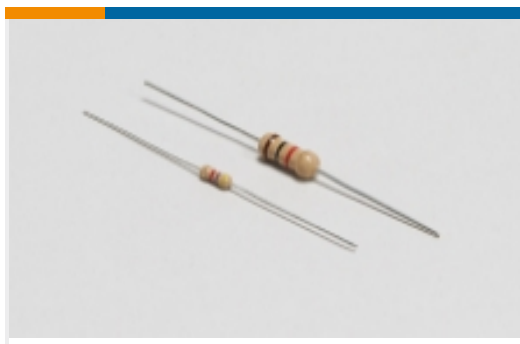
For compliance documentation, visit the product page on [TE.com](#)>

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	欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月 (197) SvHCs候选清单的声明更新至: 2018年1月 (181)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts



Through-Hole Resistors(30)

### Also in the Series | Neohm UPW



Through-Hole Resistors(31)

### Customers Also Bought



TE Part #5-1634502-2  
BNC Str Plg Hex 75Ohm  
Nickel Pltd RG59B/



TE Part #1676979-4  
TW 1W 10K 6.35X25PL



TE Part #1-1337427-0  
BNC Str Plg Hex 50Ohm  
Silver P



TE Part #1-1478420-0  
N Str Plg PS 50Ohm Silver  
Pltd PSF1/4M,



TE Part #165154  
PIDG REPAIR KIT



TE Part #1623760-2  
23E 10KA 6.35X50FL B7  
CAT



TE Part #1-1676979-1  
TW 1W 5K 6.35X25PL



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



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



TE Part #1-1624323-6  
UPW50 0.1% 5PPM 50R



## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1624323-0\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1624323-0\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1624323-0\\_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