

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: General Purpose Resistor

Element Type: Metal Oxide Film

Power Rating: 5 W

Resistance Class: Up to 1kΩ

Resistance Value: 24 Ω

Features

Electrical Characteristics

Operating Voltage	500 V
Power Rating	5 W
Resistance Class	Up to 1kΩ
Resistance Value	24 Ω
Passive Component Tolerance	5 %

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Metal Oxide Film

Configuration Features

Number of Resistors	1
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Body Features

Lead Type	Axial-Leaded
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Termination Features

Termination Area Base Material

Copper

Number of Terminations

1

Dimensions

Passive Component Dimensions

17.5 x 6.5 mm

Usage Conditions

Temperature Coefficient

 ± 350 ppm/ $^{\circ}\text{C}$ **Packaging Features**

Packaging Method

Ammo Packed

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

Product ComplianceFor compliance documentation, visit the product page on [TE.com](https://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: 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

Wave solder capable to 265°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 # 1625893-5
5W SM M/OX 5% 47KTE Part # 4-1625886-1
1W SM M/OX 5% 820KTE Part # 1625881-2
1W STD M/OX 2% 220RTE Part # 2-1625892-1
3W SM M/OX 5% 1K0TE Part # 6-1676123-7
1/2W SM M/OX 5% 470R

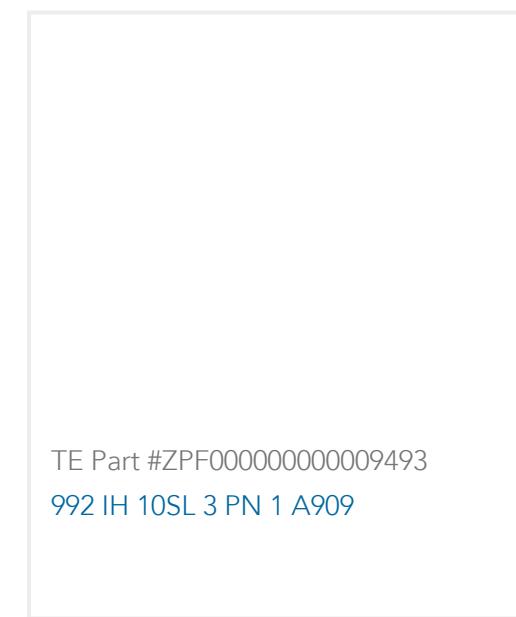
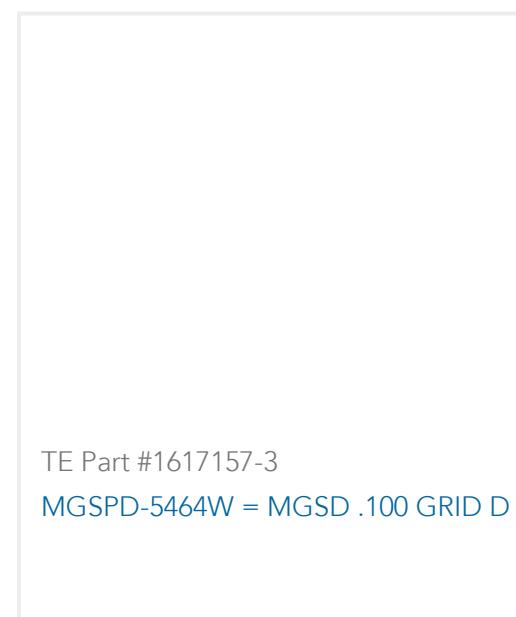
Also in the Series | Neohm ROX



Through-Hole Resistors(783)

Customers Also Bought

TE Part #6-2176070-7
3521 5K6 1% 2WTE Part #4-2176058-1
RLP73K 3A R47 5% 2K RLTE Part #2032439-1
RF CA,UMCC1 TO SMA PLUG,1.37
MM,L200MMTE Part #1-2176325-7
CRGP 0402 220R 1%

TE Part #1-1676123-0
1/2W SM M/OX 5% 2R0TE Part #4-2176381-5
RQ 0805 35K7 0.1% 10PPM 5K RLTE Part #ZPF000000000020083
FDBA 57-8-3A-SN-K 090 A499TE Part #ZPF00000000009493
992 IH 10SL 3 PN 1 A909TE Part #ZPF000000000010157
9DFR 02H 3-0 PNTE Part #1617157-3
MGSPD-5464W = MGSD .100 GRID D

Documents

Product Drawings

5W XSM M/OX 5% 24R

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2176412-7_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176412-7_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176412-7_BA.3d_stp.zip](#)

English

Datasheets & Catalog Pages

Flame Proof Power Metal Oxide Film Resistors - Type ROX Series - Tyco Electronics Passives

English

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