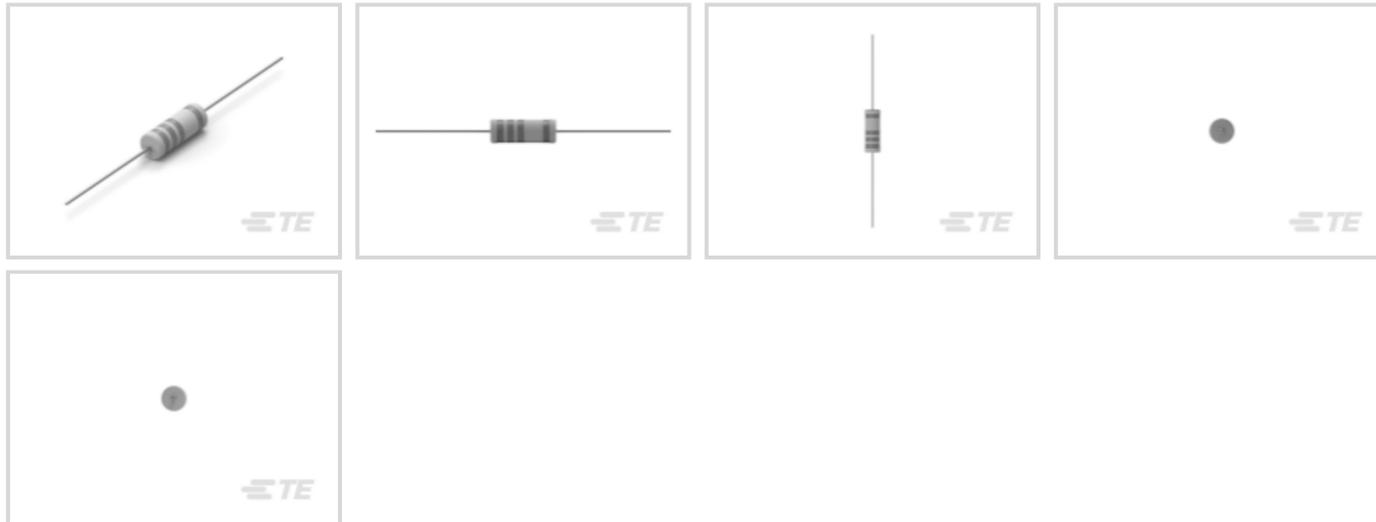




Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Metal Oxide Film**

Power Rating: **3 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **1K Ω**

## Features

### Product Type Features

Resistor Type	Power Resistor
Element Type	Metal Oxide Film

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Operating Voltage	350 V
Power Rating	3 W
Resistance Class	1kΩ – 1MΩ
Resistance Value	1K Ω
Passive Component Tolerance	5 %

### Body Features

Lead Type	Axial-Leaded
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### Termination Features

Termination Type	Copper
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Termination Area Base Material	Copper
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Number of Terminations	2
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### Dimensions

Passive Component Dimensions	16 x 5.5 mm
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### Usage Conditions

Operating Temperature Range	-55 – 235 $^{\circ}\text{C}$ [-67 – 455 $^{\circ}\text{F}$ ]
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Temperature Coefficient	$\pm 350$ ppm/ $^{\circ}\text{C}$
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### Packaging Features

Packaging Method	Ammo Packed
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265 $^{\circ}\text{C}$
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#### 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 ROX**

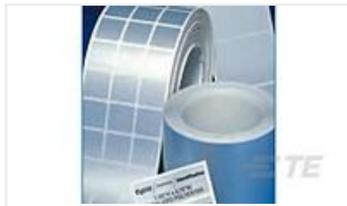


[Through-Hole Resistors\(783\)](#)

## Customers Also Bought



TE Part #800336-SF  
FN284-2-06



TE Part #A57045-000  
WP-165051-25-9



TE Part #1586090-1  
06P UMNL PINHDR NO DRAIN HOLE



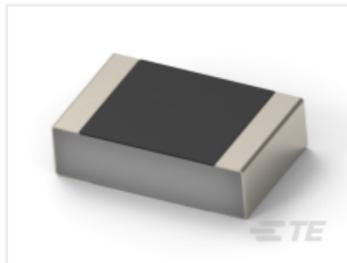
TE Part #3-1879208-8  
CPF 0402 360R 0.1% 25PPM 1K RL



TE Part #3-1879216-3  
CPF0402 160K 0.1% 25PPM 1K RL



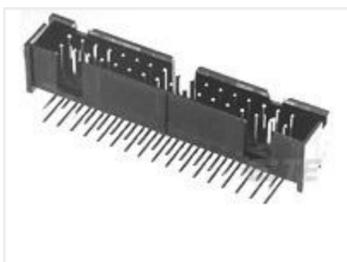
TE Part #2176421-1  
TLRP 2512 2.0W R010 1% 75PPM 4K RL



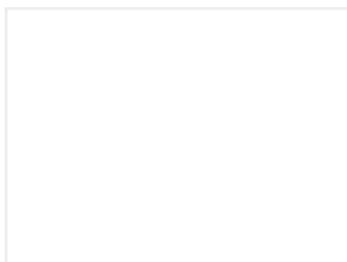
TE Part #9-2176453-5  
CPF 0201 54K9 0.1% 25ppm 1K RL



TE Part #2204748-2  
ELCON MICRO,RECEPTACLE HOUSING,4P



TE Part #5103310-5  
A/L LOW PRO HDR 20P RA BLACK



TE Part #2-1977120-7  
FSM14JHX=6MM TACT SWITCH, HIGH TEMP

## Documents

### Product Drawings

[3W SM M/OX 5% 1K0](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1625892-1\\_BA.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1625892-1\\_BA.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1625892-1\\_BA.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[4-1773460-6\\_RESISTIVE\\_SOLUTIONS\\_RAIL](#)

English

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[Flame Proof Power Metal Oxide Film Resistors - Type ROX Series - Tyco Electronics Passives](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English