



Neohm | Neohm ROX

TE Internal #: 4-1625890-6

39 Ω, Metal Oxide Film, Power Resistor, 5 %, 16 x 5.5 mm, 2 Termination, Ammo Packed, 2 W, ±350 ppm/°C, Tinned Copper Leads Termination, Neohm ROX

[View on TE.com >](#)

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **16 x 5.5 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Passive Component Tolerance: **5 %**

### Features

#### Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Metal Oxide Film

#### Configuration Features

Number of Resistors	1
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#### Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Class	Up to 1kΩ
Resistance Value	39 Ω
Power Rating	2 W

#### Body Features

Passive Component Lead Type	Axial-Leaded
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#### Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

#### Dimensions

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

Operating Temperature Range	-55 – 235 $^{\circ}\text{C}$
Temperature Coefficient	$\pm 350$ ppm/ $^{\circ}\text{C}$

### Packaging Features

Packaging Method	Ammo Packed
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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	Current ECHA Candidate List: JUNE 2023 (235) 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	Wave solder capable to 265 $^{\circ}\text{C}$

#### 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 # 2-1625892-1  
3W SM M/OX 5% 1K0



TE Part # 4-1625886-1  
1W SM M/OX 5% 820K



TE Part # 6-1676123-7  
1/2W SM M/OX 5% 470R



TE Part # 1625881-2  
1W STD M/OX 2% 220R




TE Part # 1625893-5  
5W SM M/OX 5% 47K



TE Part # 1625889-1  
2W SM M/OX 2% 138R



TE Part # 1625891-1  
2W SM M/OX 4% -0 150R



TE Part # 2176293-1  
2W SM MOX 5% 220R F-3509 FORMING

Also in the Series | **Neohm ROX**



Through-Hole Resistors(798)

Customers Also Bought



TE Part #3-647502-6  
06P MTA100 SMT ASSY,SN,TAPE, LF



TE Part #5-2176070-5  
3521 1K8 1% 2W



TE Part #5406721-1  
MJ,RJ45,SMT,GRAY,22\*REEL



TE Part #5-104186-1  
04 SYS 50 HDR SRRA UNSHRD TIN




TE Part #6-520314-6  
TRIOMATE ASSY H 16P L=2.54LDFR



TE Part #3-1625886-0  
1W SM M/OX 5% 5R6



TE Part #5-2176269-3  
RU 0603 10K 0.01% 2PPM 1K RL



TE Part #1-1825027-2  
FSMRA4JHA04=R/A,TACT PB SW,260



## Documents

### Product Drawings

[2W SM M/OX 5% 39R](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1625890-6\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1625890-6\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1625890-6\\_BA.3d\\_stp.zip](#)

English

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### 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