

ROX3SJ1K0 ✓ ACTIVE

Neohm | Neohm ROX

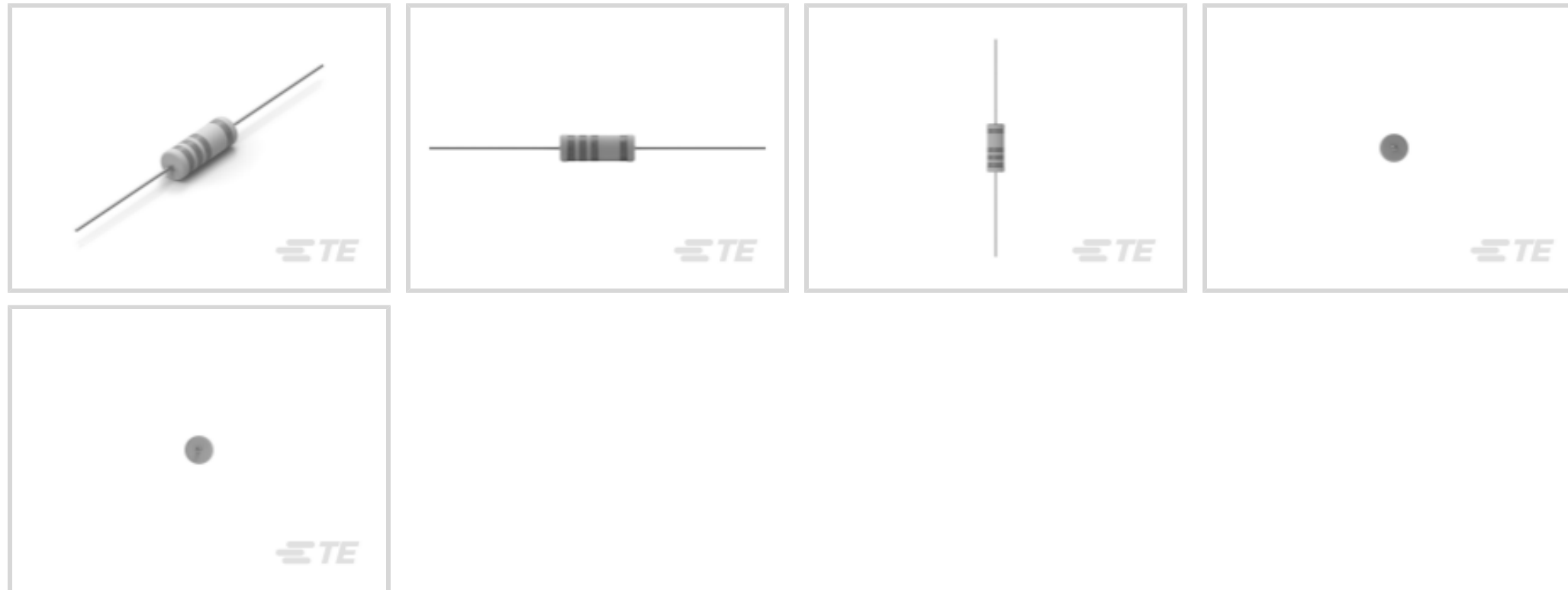
TE Internal #: 2-1625892-1

1K ohm, Through-Hole Power Resistor, Metal Oxide Film, 3 W, 5 %, ±350 ppm/°C, Axial-Leaded, Copper Termination, 16 x 5.5 mm, Ammo Packed, Neohm ROX

[View on TE.com >](#)



Passive Components > Resistors > Through-Hole Resistors



Resistance Value: 1K Ω

Resistor Type: Power Resistor

Element Type: Metal Oxide Film

Power Rating: 3 W

Resistance Class: 1k Ω – 1M 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
Resistance Value	1K Ω
Power Rating	3 W
Resistance Class	1k Ω – 1M Ω
Passive Component Tolerance	5 %

Body Features

Lead Type	Axial-Leaded
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Termination Features

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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 $^{\circ}\text{C}$
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Temperature Coefficient	± 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>](#)

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




TE Part # 3-1625885-2
1W SM M/OX 5% 1K2



TE Part # 1879072-9
3W SM M/OX 5% 720R



TE Part # 2176411-8
1/2W SM M/OX 5% 22K



TE Part # 1-2176412-5
5W XSM M/OX 5% 20R



TE Part # 1-2176412-0
5W XSM M/OX 5% 12R



TE Part # 1-2176412-6
5W XSM M/OX 5% 22R



TE Part # 1-1625885-1
1W SM M/OX 5% 100K



TE Part # 1-1625885-8
1W SM M/OX 5% 12K



TE Part # 1-1625890-9
2W SM M/OX 5% 18R



TE Part # 1-1625892-0
3W SM M/OX 5% 10K



TE Part # 1-1625892-6
3W SM M/OX 5% 15K



TE Part # 1-1676123-3
1/2W SM M/OX 5% 2R7



TE Part # 1-1676123-7
1/2W SM M/OX 5% 3R9



TE Part # 1-1625893-4
5W SM M/OX 2% 27R



TE Part # 1-1625892-2
3W SM M/OX 5% 12K



TE Part # 1-1625892-8
3W SM M/OX 5% 180K



TE Part # 1625885-8
1W SM M/OX 5% R47



TE Part # 1625890-5
2W SM M/OX 5% 10K



TE Part # 1625890-9
2W SM M/OX 5% 12K



TE Part # 1625892-2
3W SM M/OX 5% R22

Also in the Series | [Neohm ROX](#)



Through-Hole Resistors(783)

Customers Also Bought



TE Part #1SNG626157R0000
EP-SGL-PG135-LGR-B



TE Part #5-1625890-0
2W SM M/OX 5% 470K



TE Part #5-1415899-5
RZ03-1C3-D024



TE Part #1623730-8
BCHE 4 W 1R5 10%



TE Part #643430-1
15P UMNL HDR ASSY POL 94VO



TE Part #1879075-9
THS25 R47 5%



TE Part #3-1625890-2
2W SM M/OX 5% 22K



TE Part #3-1623743-3
SBC8 680R 5%



TE Part #2-1625885-3
1W SM M/OX 5% 150R



TE Part #4-2176611-7
EP 2W (SS) 82R 5%

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

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Datasheets & Catalog Pages

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[1309350_PASSIVE_COMPONENT](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English

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

English