

ROX1SJ680K

✓ ACTIVE

Neohm | Neohm ROX

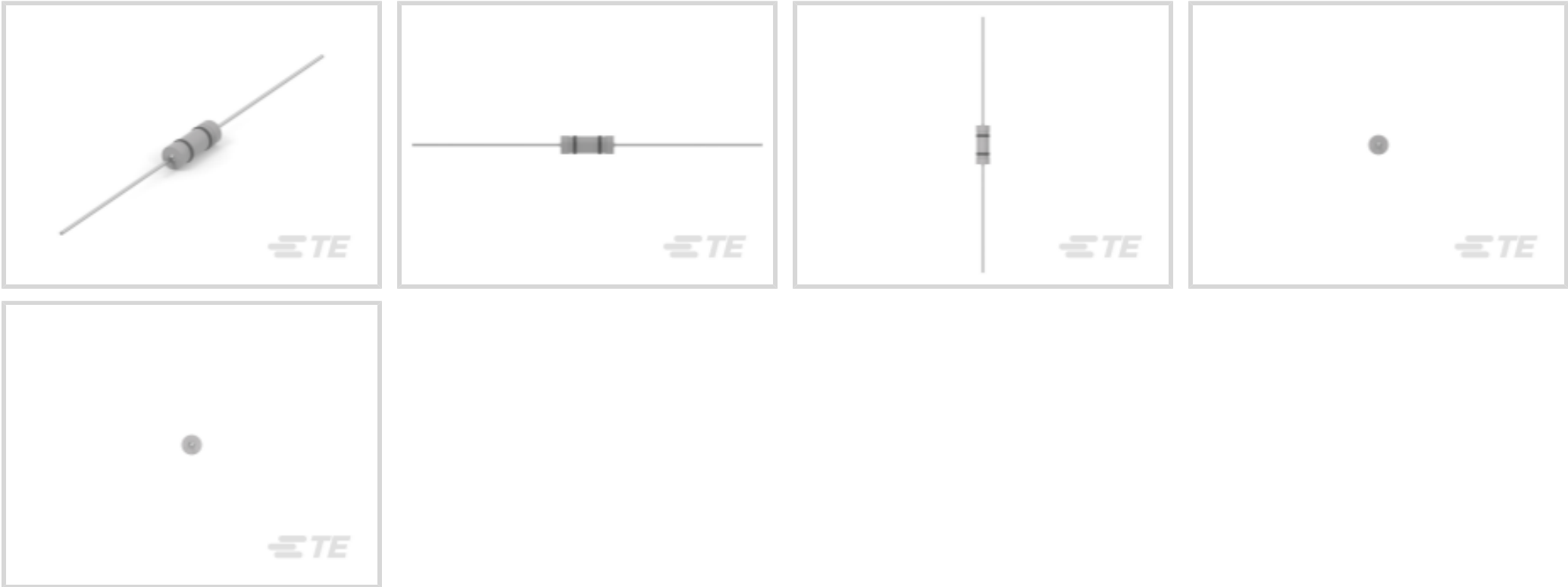
TE Internal #: 3-1625886-1

Neohm ROX, Through-Hole Resistors, Power Resistor, 12 x 5 mm, 2 Termination, Ammo Packed, 5 Passive Component Tolerance, Metal Oxide Film

[View on TE.com >](#)



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **12 x 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	1kΩ – 1MΩ
Resistance Value	680K Ω
Power Rating	1 W

Body Features

Passive Component Lead Type	Axial-Leaded
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Termination Features

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

Dimensions

Passive Component Dimensions	12 x 5 mm
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Usage Conditions

Operating Temperature Range	-55 – 235 °C
Temperature Coefficient	±350 ppm/°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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

ROX1SJ680K

Neohm ROX, Through-Hole Resistors, Power Resistor, 12 x 5 mm, 2 Termination, Ammo Packed, 5 Passive Component Tolerance, Metal Oxide Film



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

Also in the Series | Neohm ROX

[Through-Hole Resistors\(787\)](#)

Customers Also Bought

TE Part #1-1879351-3
RR01 5% 9K1 AMMO

TE Part #1614782-4
Resistor Power BDS2A100

TE Part #1622305-1
LR1 1% 11K

TE Part #1624044-2
SC30-10-2501-10 0.1UH AMMO 1000

TE Part #1622473-7
LR1 1% 40R2

TE Part #1622475-1
LR1 1% 430K

TE Part #1622590-1
LR1 1% 910R

TE Part #1393763-4
V23100V4005A10



Documents

Product Drawings

1W SM M/OX 5% 680K

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1625886-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1625886-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1625886-1_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

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