ROX7J68K ✔ ACTIVE

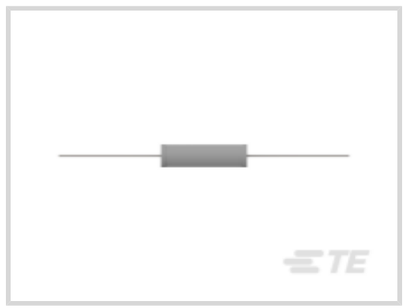
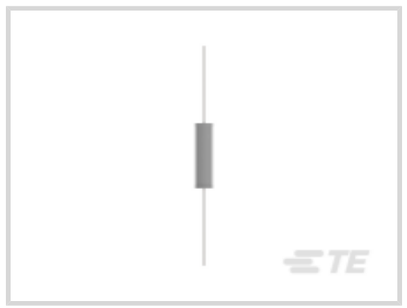
Neohm | Neohm ROX

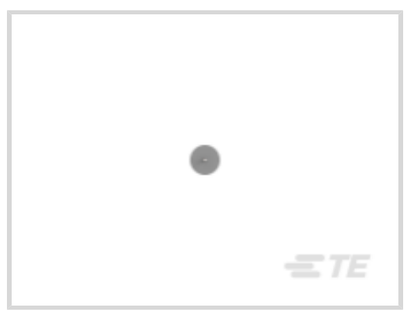
TE Internal #: 8-2176414-6

68K Ω, Metal Oxide Film, General Purpose Resistor, 5 %, 32 x 8.5 mm, 2 Termination, Box, 7 W, ±350 ppm/°C, Copper Termination, Axial-Leaded, Neohm ROX

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **General Purpose Resistor**

Passive Component Dimensions: **32 x 8.5 mm**

Number of Terminations: **2**

Packaging Method: **Box**

Passive Component Tolerance: **5 %**

Features

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Metal Oxide Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	750 V
Passive Component Tolerance	5 %
Resistance Class	1kΩ – 1MΩ
Resistance Value	68K Ω
Power Rating	7 W

Body Features

Lead Type	Axial-Leaded

Termination Features

Number of Terminations	2
Termination Area Base Material	Copper

Dimensions

Passive Component Dimensions	32 x 8.5 mm

Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±350 ppm/°C

Packaging Features

Packaging Method	Box

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: 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 # 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

Also in the Series | Neohm ROX



Through-Hole Resistors(798)

Customers Also Bought



TE Part #1879463-8
RL73H 2E R20 1% 5K RL



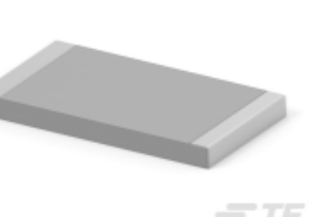
TE Part #1-1393219-0
PE014024



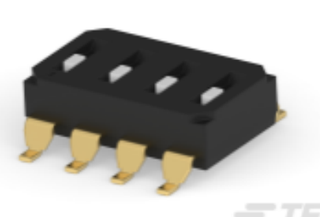
TE Part #2-1393238-5
RTB14615



TE Part #1393118-7
KUP-14DE5-24=KU



TE Part #5-2176331-3
CRGP 2512 220K 1%



TE Part #6-2319848-7
END STACK DIP 4P G RECESS SEAL T&R



TE Part #8-2176412-7
5W XSM M/OX 5% 20K



TE Part #5-2176416-6
9W STD M/OX 5% 10K



TE Part #4-1393210-3
T9AV1D12-12U

Documents

Product Drawings

7W STD M/OX 5% 68K

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-2176414-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-2176414-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-2176414-6_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

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

English