

### Neohm | Neohm ROX

TE Internal #: 3-2176414-7

620  $\Omega$ , Metal Oxide Film, General Purpose Resistor, 5 %, 32 x 8.5 mm, 2 Termination, Box, 7 W,  $\pm 350$  ppm/°C, Tinned Copper Leads

Termination, 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%

Passive Component Lead Type

### **Features**

### **Product Type Features**

Product TypeFixed ResistorResistor TypeGeneral Purpose ResistorElement TypeMetal Oxide FilmConfiguration FeaturesNumber of Resistors1Electrical CharacteristicsVoltage Rating750 VPassive Component Tolerance5 %Resistance ClassUp to $1k\Omega$ Resistance Value620 $\Omega$ Power Rating7 WBody Features		
Element TypeMetal Oxide FilmConfiguration Features1Number of Resistors1Electrical Characteristics750 VPassive Component Tolerance5 %Resistance ClassUp to $1k\Omega$ Resistance Value620 $\Omega$ Power Rating7 W	Product Type	Fixed Resistor
Configuration FeaturesNumber of Resistors1Electrical CharacteristicsVoltage Rating $750 \text{ V}$ Passive Component Tolerance $5 \%$ Resistance ClassUp to $1\text{k}\Omega$ Resistance Value $620 \Omega$ Power Rating $7 \text{ W}$	Resistor Type	General Purpose Resistor
Number of Resistors 1  Electrical Characteristics  Voltage Rating 750 V  Passive Component Tolerance 5 %  Resistance Class Up to $1k\Omega$ Resistance Value 620 $\Omega$ Power Rating 7 W	Element Type	Metal Oxide Film
Electrical Characteristics  Voltage Rating 750 V  Passive Component Tolerance 5 %  Resistance Class Up to $1k\Omega$ Resistance Value 620 $\Omega$ Power Rating 7 W	Configuration Features	
Voltage Rating $750 \text{ V}$ Passive Component Tolerance $5 \%$ Resistance ClassUp to $1\text{k}\Omega$ Resistance Value $620 \Omega$ Power Rating $7 \text{ W}$	Number of Resistors	1
Passive Component Tolerance $5\%$ Resistance Class Up to $1k\Omega$ Resistance Value $620\Omega$ Power Rating $7\%$	Electrical Characteristics	
Resistance Class Up to $1k\Omega$ Resistance Value 620 $\Omega$ Power Rating 7 W	Voltage Rating	750 V
Resistance Value $620\Omega$ Power Rating $7W$	Passive Component Tolerance	5 %
Power Rating 7 W	Resistance Class	Up to $1k\Omega$
	Resistance Value	620 Ω
Body Features	Power Rating	7 W
	Body Features	

Axial-Leaded



#### **Termination Features**

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





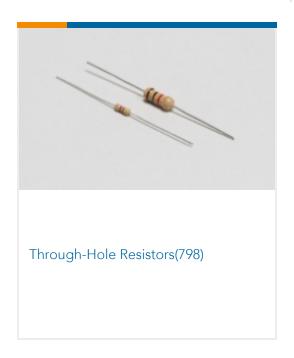








## Also in the Series | Neohm ROX



## Customers Also Bought

















### **Documents**

### **Product Drawings**

7W STD M/OX 5% 620R

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_3-2176414-7\_BA.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-2176414-7\_BA.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-2176414-7\_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