

# Neohm | Neohm ROX

TE Internal #: 5-1625890-2

47K  $\Omega$ , Metal Oxide Film, Power Resistor, 5 %, 15 x 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: 15 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
Electrical Characteristics	
Passive Component Tolerance	5 %
Resistance Class	$1k\Omega - 1M\Omega$
Resistance Value	47Κ Ω
Power Rating	2 W
Body Features	
Passive Component Lead Type	Axial-Leaded
Termination Features	
Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads
Dimensions	

15 x 5 mm

Passive Component Dimensions



## **Usage Conditions**

Operating Temperature Range	-55 – 235 °C
Temperature Coefficient	±350 ppm/°C
Packaging Features	
Packaging Method	Ammo Packed

# **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





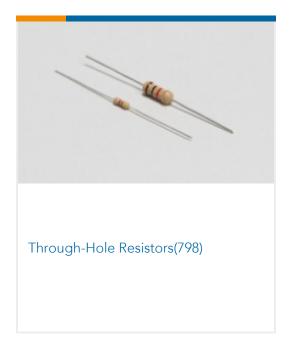








# Also in the Series | Neohm ROX



# Customers Also Bought















## **Documents**

## **Product Drawings**

2W SM M/OX 5% 47K

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_5-1625890-2\_BA.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_5-1625890-2\_BA.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_5-1625890-2\_BA.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the  $\pmb{\mathsf{Terms}}$  and  $\pmb{\mathsf{Conditions}}$  of use

# 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

# **Product Environmental Compliance**

**Product Compliance** 

English

**Product Compliance** 

English