# 5W SM M/OX 5% 120R ✓ ACTIVE

## Neohm | Neohm ROX

TE Part # 1-1625893-7

TE Internal #: ROX5SJ120R

View on TE.com >



Passive Components > Resistors > Fixed Resistors > Through-Hole Resistors



Resistor Type: Power Resistor

Dimensions: 25 x 8 mm

Number of Terminations: 2
Packaging Method: Box

Tolerance: 5%

## **Features**

#### **Product Type Features**

Product Type	Fixed Resistor
Element Material	Metal Oxide
Resistor Type	Power Resistor
Element Type	Metal Oxide Film
Configuration Features	
Number of Resistors	1

# **Electrical Characteristics**

Voltage Rating	500 V
Tolerance	5%
Resistance Class	Up to $1k\Omega$
Resistance	120 Ω
Power Rating	5 W

# **Body Features**

#### **Termination Features**

Number of Terminations	2
Termination Type	Tinned Copper Leads

#### **Mechanical Attachment**

Mount Style Axial Leaded	
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#### **Dimensions**

Dimensions	25 x 8 mm
Usage Conditions	
Operating Temperature Range	-55 – 235 °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	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月(197) SvHCs候选清单的声明更新至: 2016年6月 (169)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

#### 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

# Compatible Parts

TE Part # 1-1625893-7
TE Internal #: ROX5SJ120R





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



TE Part # 1625881-2 1W STD M/OX 2% 220R



1W SM M/OX 5% 820K

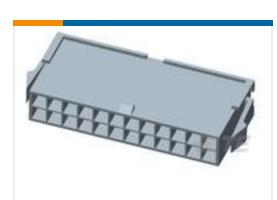




# Also in the Series | Neohm ROX



# Customers Also Bought



TE Part #1-1969599-8 18P PM PLUG VAL-U-LOK V2



TE Part #1-84983-6 1mm FFC DIP H ASSY 16P NAT(TB)



TE Part #103329-9
09 MODII HDR SRRA B/A .
100CL



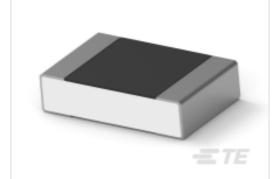
TE Part #2-1969599-4 24P PM PLUG VAL-U-LOKV2



TE Part #8-2176370-9
RQ 0603 3K57 0.1% 10PPM
5K RL



TE Part #2-2176380-4
RQ 0805 2K0 0.1% 10PPM
5K RL



TE Part #8-2176381-2 RQ 0805 86K6 0.1% 10PPM 5K RL



TE Part #1-1879351-7 RR01 5% 13K AMMO

TE Part # 1-1625893-7
TE Internal #: ROX5SJ120R





### **Documents**

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-1625893-7\_BA.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1625893-7\_BA.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1625893-7\_BA.3d\_stp.zip

English

# 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

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**Authorized Distributor** 

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TE Connectivity: