# ROX9J5K6 ✔ ACTIVE

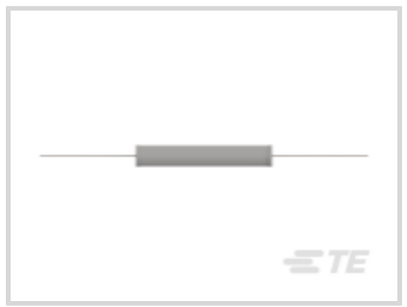
NEOHM | NEOHM ROX

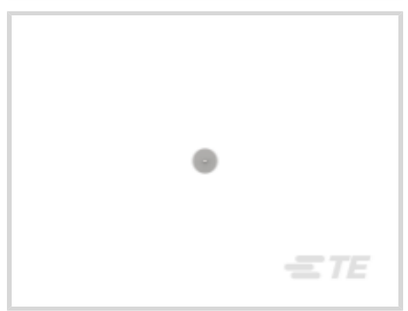
TE Internal #: 5-2176416-0

5.6K ohm, Metal Oxide Film, General Purpose Resistor, 5 %, 9 W, ±350 ppm/°C, Axial-Leaded, Copper Termination, 54 x 8.5 mm, Box, NEOHM ROX

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors

Resistor Type: **General Purpose Resistor**

Element Type: **Metal Oxide Film**

Power Rating: **9 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **5.6K Ω**

## 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 |
| Power Rating | 9 W |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance Value | 5.6K Ω |
| Passive Component Tolerance | 5 % |

### Body Features

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|---|---|
| Lead Type | Axial-Leaded |

### Termination Features

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|---|---|
| Termination Area Base Material | Copper |
| Number of Terminations | 2 |

### Dimensions

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|---|---|
| Passive Component Dimensions | 54 x 8.5 mm |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 155 °C[-67 – 311 °F] |
| 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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 # 1625881-2
1W STD M/OX 2% 220R



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



TE Part # 6-1676123-7
1/2W SM M/OX 5% 470R



TE Part # 4-1625886-1
1W SM M/OX 5% 820K



TE Part # 1625893-5
5W SM M/OX 5% 47K

## Also in the Series | NEOHM ROX



Through-Hole Resistors(783)

## Customers Also Bought




TE Part #5053032054
RNF-100-1/8-9-STK

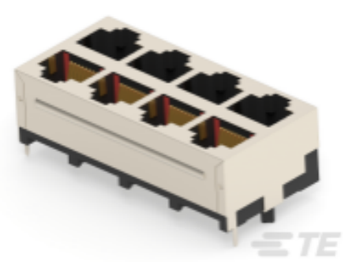


TE Part #800362-SF
FN281-4-06

TE Part #1SNA168522R2300
BJM8-4



TE Part #1SNA115118R1100
M6/8



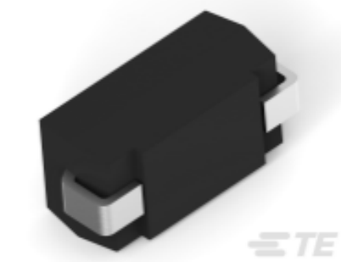
TE Part #133190-E
MJ DS VG * 8 8 8 * * * * 30 * J 3 133190



TE Part #1658613-4
09 POS HDF PLUG, MS, LEAD FREE



TE Part #1-1879214-0
CPF 0402 402R 0.1% 25PPM 1K RL



TE Part #1-2176323-7
SMV 2W 2M2 5%



TE Part #2480661-1
SMA M to SMA M Str Hand Formable. 086 3"



TE Part #2480661-7
SMA M to SMA M Str Hand Formable. 086 12"

## Documents

### Product Drawings

9W STD M/OX 5% 5K6

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2176416-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-2176416-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2176416-0_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