# ROX2SJ82K ✔ ACTIVE

Neohm | Neohm ROX

TE Internal #: 7-1625890-0

Neohm ROX, Through-Hole Resistors, Power Resistor, 16 x 5.5 mm, 2 Termination, Ammo Packed, 5 Passive Component Tolerance, Metal Oxide Film

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **16 x 5.5 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

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|---|---|
| Passive Component Tolerance | 5 % |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance Value | 82K Ω |
| Power Rating | 2 W |

### Body Features

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|---|---|
| Passive Component Lead Type | Axial-Leaded |

### Termination Features

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

### Dimensions

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|---|---|
| Passive Component Dimensions | 16 x 5.5 mm |

### Usage Conditions

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|---|---|
| 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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 # 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



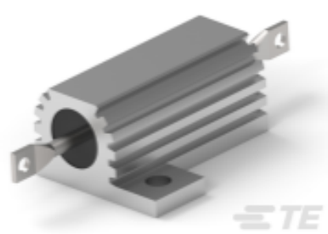
TE Part # 2-1625892-1
3W SM M/OX 5% 1K0

## Also in the Series | Neohm ROX



Through-Hole Resistors(787)

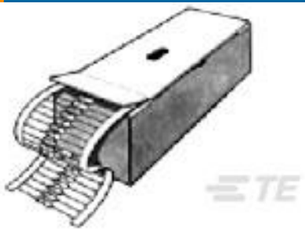
## Customers Also Bought



TE Part #1-1879074-0
Power Resistor: Aluminum Housed, 75 Watt



TE Part #1-1625890-1
2W SM M/OX 5% 150K



TE Part #1-2176085-6
EP 9W (S) 3K3 5%



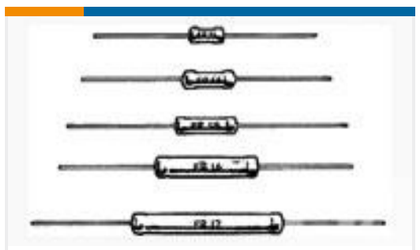
TE Part #1-1625890-6
2W SM M/OX 5% 180K



TE Part #1624138-1
23E 4K7A 6X50PL B9 M10



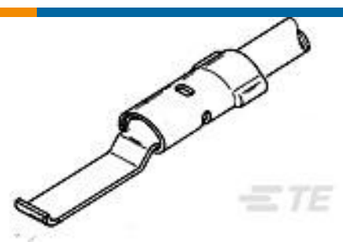
TE Part #1624182-2
27E DUAL 10KB 6.35X50FL CAT



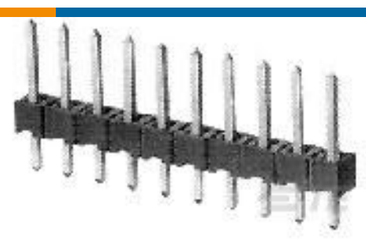
TE Part #1-1623750-5
ER58 22R 5% AMMO



TE Part #1623782-7
Wirewound Resistor: Vertical Mount



TE Part #151467
22-16 PIDG LIPPED BLADE EXP.1



TE Part #828214-2
2P MOD2 STIFT LEI

## Documents

### Product Drawings

2W SM M/OX 5% 82K

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1625890-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1625890-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1625890-0_BA.3d_stp.zip

English

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

### Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

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