



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **5.5 x 16 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            | 1kΩ – 1MΩ |
| Resistance Value            | 1.8K 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

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



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: JAN 2021 (211)<br>Candidate List Declared Against: JUN 2020 (209)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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

ROX2SJ1K8

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



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 #1-1614884-9  
CPF 0805 12R 0.1% 25PPM 1K RL

TE Part #8-1879512-5  
CRGH0805 1% 1M0 0.33W

TE Part #1-1625890-4  
2W SM M/OX 5% 15K

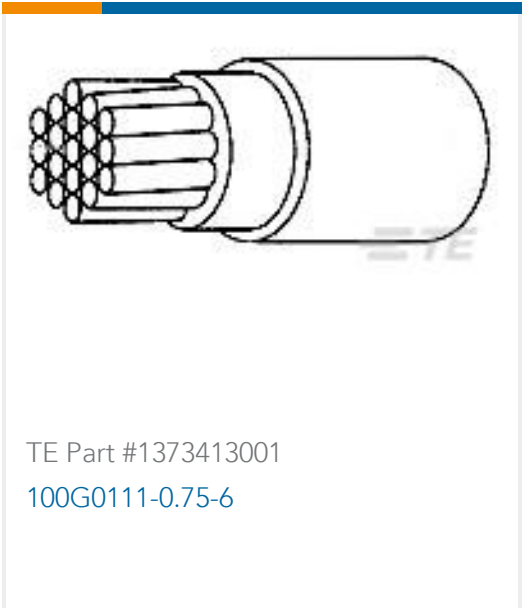
TE Part #1-1676979-1  
TW 1W 5K 6.35X25PL

TE Part #1622352-1  
LR1 1% 1K2

TE Part #1-1337548-0  
BNC RM BHJ Hex 50Ohm Nickel Pltd  
RG174A/

TE Part #1393763-4  
V23100V4005A10

TE Part #1-1419126-2  
STD OEG PCB PCFN Solar Power  
Relays



Documents

Product Drawings

[2W SM M/OX 5% 1K8](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1625890-4\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1625890-4\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1625890-4\\_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