



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



Resistor Type: **Power Resistor**

Dimensions: **16 x 5.5 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Tolerance: **5%**

Features

Product Type Features

| | |
|------------------|----------------|
| Product Type | Fixed Resistor |
| Element Material | Metal Oxide |
| Resistor Type | Power Resistor |

Configuration Features

| | |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

| | |
|------------------|-----------|
| Tolerance | 5% |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance | 200K Ω |
| Power Rating | 2 W |

Body Features

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

Termination Features

| | |
|------------------------|---------------------|
| Number of Terminations | 2 |
| Termination Type | Tinned Copper Leads |

Mechanical Attachment

| | |
|-------------|--------------|
| Mount Style | Axial Leaded |
|-------------|--------------|

Dimensions

| | |
|------------|-------------|
| Dimensions | 16 x 5.5 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 2019 (197) Candidate List Declared Against: JUN 2016 (169) |
| 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 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

2W SM M/OX 5% 200K

TE Part # 8-1625890-5
TE Internal #: ROX2SJ200K



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

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

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

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

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

Also in the Series | **Neohm ROX**

Through-Hole Resistors
(786)

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

2W SM M/OX 5% 200K

TE Part # 8-1625890-5
TE Internal #: ROX2SJ200K



TE Part #3-1879353-1
RR02 5% 75K AMMO



TE Part #1623804-3
SQZ10 3R9 5% WIRE

Documents

Product Drawings

2W SM M/OX 5% 200K

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1625890-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1625890-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1625890-5_BA.3d_stp.zip

English

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[ROX2SJ200K](#)