ROX5SSJ5K1 ✔ ACTIVE

Neohm | Neohm ROX

TE Internal #: 7-2176412-3

General Purpose Resistor, Metal Oxide Film, 5 W, 5.1K ohm, 5 %, ±350 ppm/°C, Axial-Leaded, Copper Termination, 17.5 x 6.5 mm, Ammo Packed, Neohm ROX

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Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **General Purpose Resistor**

Element Type: **Metal Oxide Film**

Power Rating: **5 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **5.1K 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	500 V
Power Rating	5 W
Resistance Class	1kΩ – 1MΩ
Resistance Value	5.1K Ω
Passive Component Tolerance	5 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	1

Dimensions

Passive Component Dimensions	17.5 x 6.5 mm

Usage Conditions

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

ROX5SSJ5K1

General Purpose Resistor, Metal Oxide Film, 5 W, 5.1K ohm, 5 %, ±350 ppm/°C, Axial-Leaded, Copper Termination, 17.5 x 6.5 mm, Ammo Packed, Neohm ROX



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



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

Also in the Series | Neohm ROX



Through-Hole Resistors(798)

Customers Also Bought

TE Part #3-2176070-1
3521 180R 1% 2W



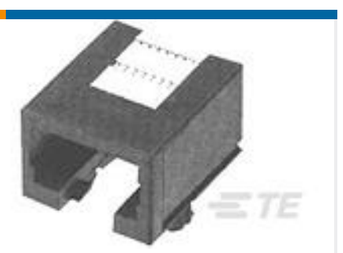
TE Part #1-1825010-8
ASE42L04=4PDT AUTOSLIDE



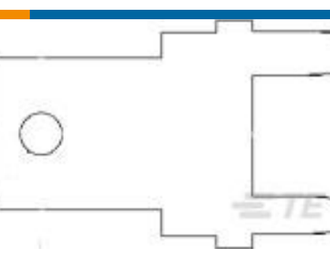
TE Part #1393236-8
V23092-A1012-A302



TE Part #7-1393243-3
RT424060



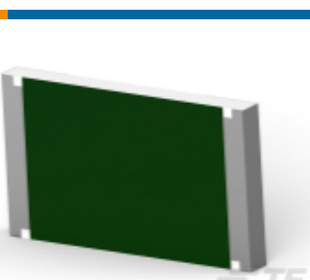
TE Part #215876-1
6/6 PCB MOD.JACK SE



TE Part #1217057-1
187 FASTON,PCB TAB,TPBR



TE Part #1676225-2
RN 0805 1K1 0.1% 10PPM 1KRL



TE Part #6-2176406-2
3560 360R 1%



TE Part #170038-4
187 FASTON,REC.,20-16 AWG,TPPB



TE Part #170084-2
250 FASTON,REC.,18-14 AWG,TPPB

Documents

Product Drawings

5W XSM M/OX 5% 5K1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-2176412-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-2176412-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-2176412-3_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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

ROX05SJ18R TE50BR39J 650075-000 3631B101LL 936348-1 SBCHE154R7K SBCHE64R7K 1743455-2
2-292161-3 917696-1 U5254-000005-030PA 1393431-1 1903112-2 2310537-1 2377783-2 2380312-2
RH73H2A40MKTN SMW73R0JT 141991-2 MPT100C18RF CPF0402B37K4E1 1-962915-1 175977-2
2005330-1 2834055-1 3-1393225-0 3430B2F51RTDF 1-794222-0 1969656-1 CRGCQ2010J3K3