ROX5SSJ12R ✔ ACTIVE

Neohm | Neohm ROX

TE Internal #: 1-2176412-0

12 ohm, Through-Hole General Purpose Resistor, Metal Oxide Film, 5 W, 5 %, ±200 ppm/°C, Axial-Leaded, Copper Termination, 17.5 x 6.5 mm, Neohm ROX

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors







Resistance Value: **12 Ω**

Resistor Type: **General Purpose Resistor**

Element Type: **Metal Oxide Film**

Power Rating: **5 W**

Resistance Class: **Up to 1kΩ**

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
Resistance Value	12 Ω
Power Rating	5 W
Resistance Class	Up to 1kΩ
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	±200 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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1625893-5
5W SM M/OX 5% 47K



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



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

Also in the Series | Neohm ROX



Through-Hole Resistors(783)

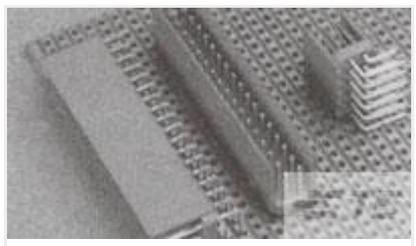
Customers Also Bought



TE Part #531230-2
SHUNT, .200 C/L,LP,2 POS, 15AU



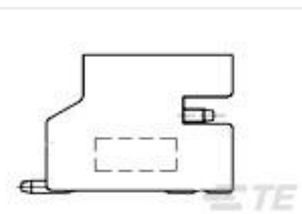
TE Part #2176412-8
5W XSM M/OX 5% 10R



TE Part #281742-4
HEADER HE14 RA 2X4 P



TE Part #4-1614964-6
CPF 1206 27R 0.1% 25PPM 1K RL



TE Part #1775469-5
HPI CONN., 2.0MM, R/A, SMT, 5P, 80U"



TE Part #292304-3
STD USB TYPE B, R/A, T/H



TE Part #4-1825059-2
ADF08STTR04=DIP S,FLUSH,SMT-GW



TE Part #5-1879160-6
RN 0805 6R04 0.1% 10PPM 1K RL



TE Part #1410187-2
MULTIGIG RT T2 7RW DC DF CT 3MM, RT2,DIFF



TE Part #1879217-5
CPF 0603 200K 0.1% 25PPM 1K RL

Documents

Product Drawings

5W XSM M/OX 5% 12R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176412-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176412-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176412-0_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