



Neohm | Neohm ROX

TE Internal #: 1625881-2

Neohm ROX, Through-Hole Resistors, Power Resistor, 5 x 12 mm, 2 Termination, Ammo Packed, 2 Passive Component Tolerance, Metal Oxide Film

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Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **5 x 12 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Passive Component Tolerance: **2 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Metal Oxide Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	2 %
Resistance Class	Up to 1kΩ
Resistance Value	220 Ω
Power Rating	1 W

Body Features

Passive Component Lead Type	Axial-Leaded
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Termination Features

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

Dimensions

Passive Component Dimensions	5 x 12 mm
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Usage Conditions

Operating Temperature Range	-55 – 235 °C
Temperature Coefficient	±300 ppm/°C

Packaging Features

Packaging Method	Ammo Packed
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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) Candidate List Declared Against: JAN 2021 (211) 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

 <p>TE Part # 3-1625892-1 3W SM M/OX 5% 220R</p>	 <p>TE Part # 1625890-6 2W SM M/OX 5% 10R</p>	 <p>TE Part # 1-1625885-4 1W SM M/OX 5% 10R</p>	 <p>TE Part # 4-1625885-6 1W SM M/OX 5% 22K</p>
 <p>TE Part # 4-1625892-9 3W SM M/OX 5% 3R3</p>	 <p>TE Part # 4-1625892-2 3W SM M/OX 5% 33K</p>	 <p>TE Part # 6-1625892-7 3W SM M/OX 5% 68R</p>	 <p>TE Part # 1-1625892-5 3W SM M/OX 5% 150R</p>
 <p>TE Part # 7-1625890-1 2W SM M/OX 5% 82R</p>	 <p>TE Part # 7-1625890-5 2W SM M/OX 5% 1R5</p>	 <p>TE Part # 9-1625892-4 ROX3S 5% R22 BL</p>	 <p>TE Part # 1-1625885-2 1W SM M/OX 5% 100R</p>
 <p>TE Part # 4-1625885-4 1W SM M/OX 5% 220R</p>	 <p>TE Part # 7-1625892-2 3W SM M/OX 5% 82K</p>	 <p>TE Part # 1625881-5 1W STD M/OX 2% 47R</p>	 <p>TE Part # 2-1625890-3 2W SM M/OX 5% 1K5</p>
 <p>TE Part # 4-1625892-1 3W SM M/OX 5% 330R</p>	 <p>TE Part # 1-1625885-1 1W SM M/OX 5% 100K</p>	 <p>TE Part # 1-1625885-7 1W SM M/OX 5% 120R</p>	 <p>TE Part # 3-1625885-8 1W SM M/OX 5% 1R0</p>

Also in the Series | **Neohm ROX**

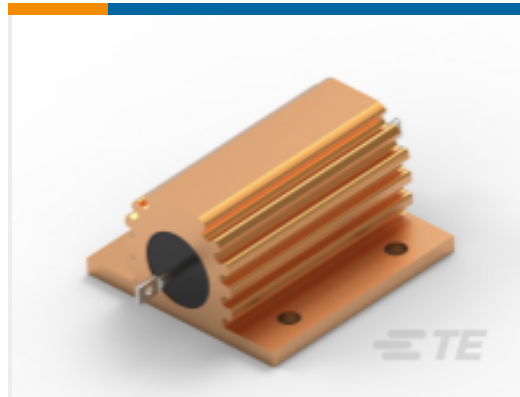


Through-Hole Resistors(787)

Customers Also Bought



TE Part #1658612-2
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm



TE Part #1-1625984-9
Power Resistors: Aluminum Housed, HSA



TE Part #1-2308349-6
CRIMP FLANGE FOR SIZE 1-3STD/1-4QL SHELL



TE Part #1-480710-0
15P UMNL PLUG HSG NATL



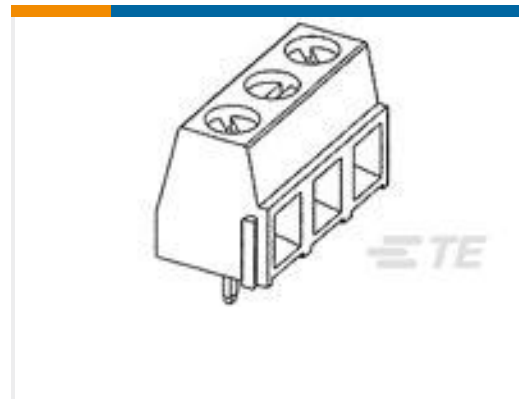
TE Part #1625881-5
1W STD M/OX 2% 47R



TE Part #1625881-3
1W STD M/OX 2% 270R



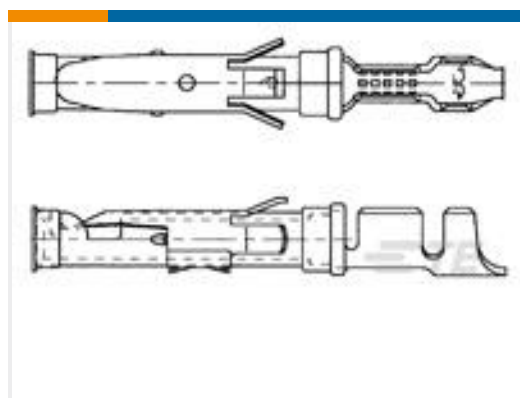
TE Part #1625881-4
1W STD M/OX 2% 27R



TE Part #1-282837-8
TERMI-BLOK PCB MOUNT 18P.5



TE Part #NB14224001
VERSAFIT-1/2-6-FSP



TE Part #1-163087-1
SPEC.PLATED

Documents

Product Drawings

1W STD M/OX 2% 220R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1625881-2_BA.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1625881-2_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1625881-2_BA.3d_stp.zip](#)

English

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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