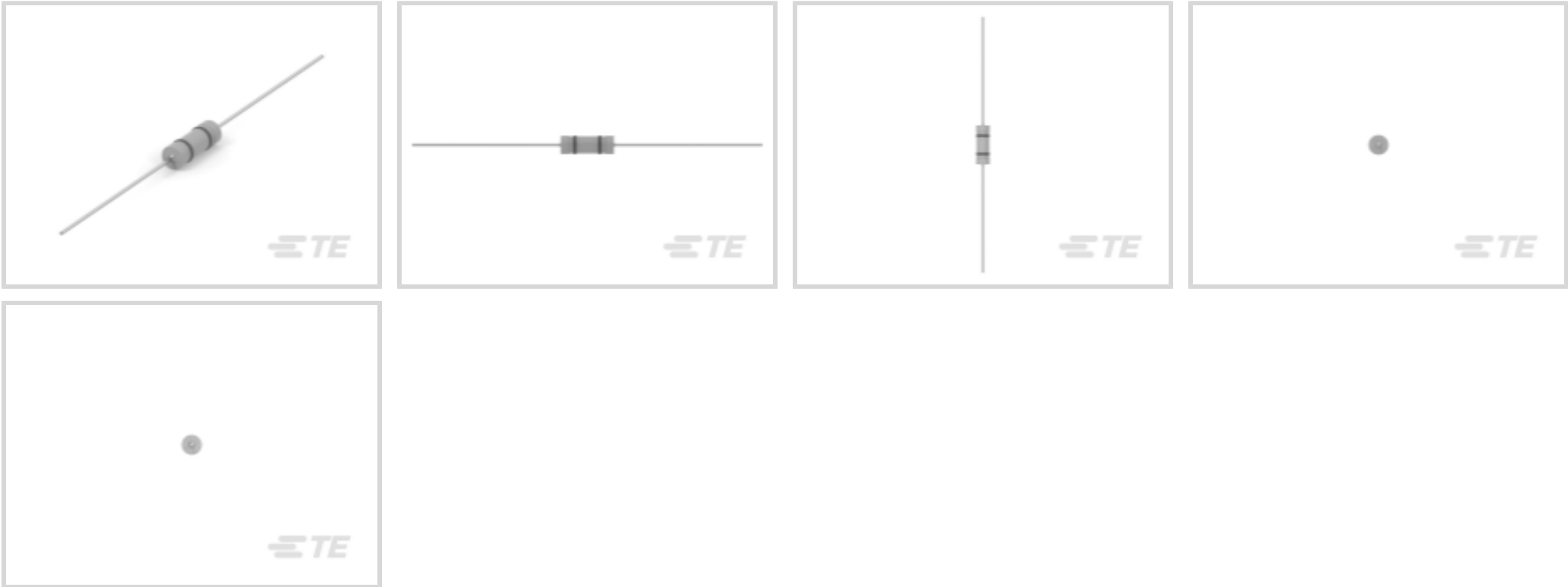




Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **12 x 5 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
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Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Class	Up to 1kΩ
Resistance Value	5.6 Ω
Power Rating	1 W

Body Features

Passive Component Lead Type	Axial-Leaded
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Termination Features

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

Passive Component Dimensions	12 x 5 mm
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Usage Conditions

Operating Temperature Range	-55 – 235 °C
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Temperature Coefficient	±350 ppm/°C
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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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

ROX1SJ5R6

Neohm ROX, Through-Hole Resistors, Power Resistor, 12 x 5 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 #1623729-1
Wirewound Resistor: Vertical Mount

TE Part #175216-2
DYNAMIC 3000 CONTACT

TE Part #1-2199119-5
M.2 CONNECTORS

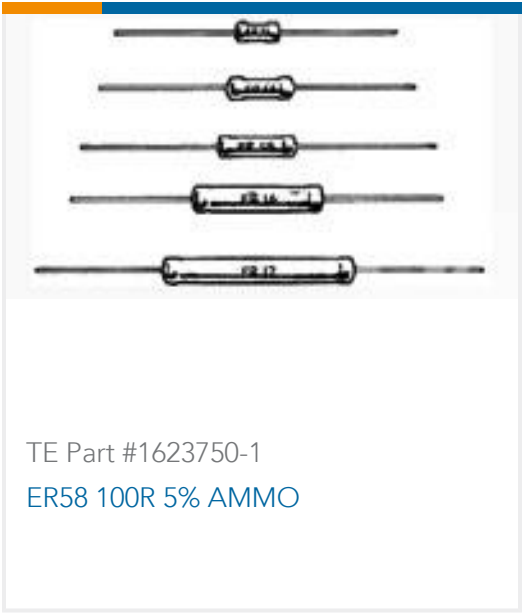
TE Part #1-2176083-0
EP 5W (S) 330R 5%

TE Part #1-1625886-6
1W SM M/OX 5% 3R9

TE Part #1-1879496-5
CRGH0805 5% 47K 0.33W

TE Part #7-1879026-2
YR1 0.1% 39R2

TE Part #1393304-9
V23134J1052D642-EV-CBOX



Documents

Product Drawings

1W SM M/OX 5% 5R6

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1625886-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1625886-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1625886-0_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

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