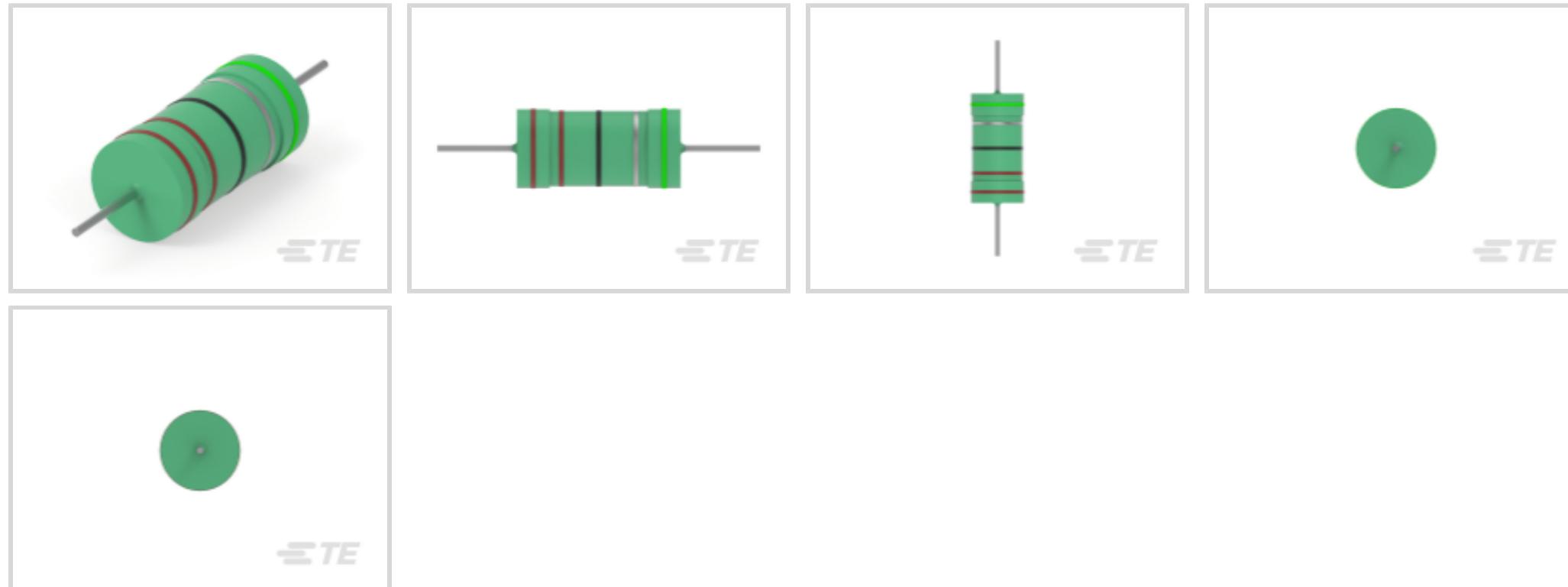


Passive Components > Resistors > Through-Hole Resistors



Resistor Type: Power Resistor

Element Type: Wire Wound, Ceramic Composition

Power Rating: 5 W

Resistance Class: 1k Ω – 1M Ω Resistance Value: 1.5K Ω

Features

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 155 $^{\circ}$ C |
| Temperature Coefficient | ± 300 ppm/ $^{\circ}$ C |

Electrical Characteristics

| | |
|-----------------------------|---------------------------|
| Operating Voltage | 500 V |
| Power Rating | 5 W |
| Resistance Class | 1k Ω – 1M Ω |
| Resistance Value | 1.5K Ω |
| Passive Component Tolerance | 5 % |

Product Type Features

| | |
|---------------|---------------------------------|
| Resistor Type | Power Resistor |
| Element Type | Wire Wound, Ceramic Composition |

Configuration Features

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

Body Features

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

Termination Features

| | |
|--------------------------------|--------|
| Termination Area Base Material | Copper |
| Number of Terminations | 2 |

Dimensions

| | |
|------------------------------|---------------|
| Passive Component Dimensions | 17.5 x 6.5 mm |
|------------------------------|---------------|

Packaging Features

| | |
|------------------|-------------|
| Packaging Method | Ammo Packed |
|------------------|-------------|

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

Product Compliance

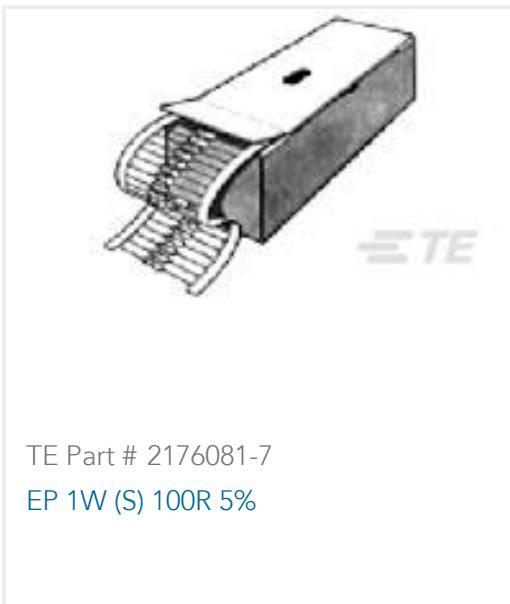
For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

| | |
|---|---|
| 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 2023 (235) 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 |

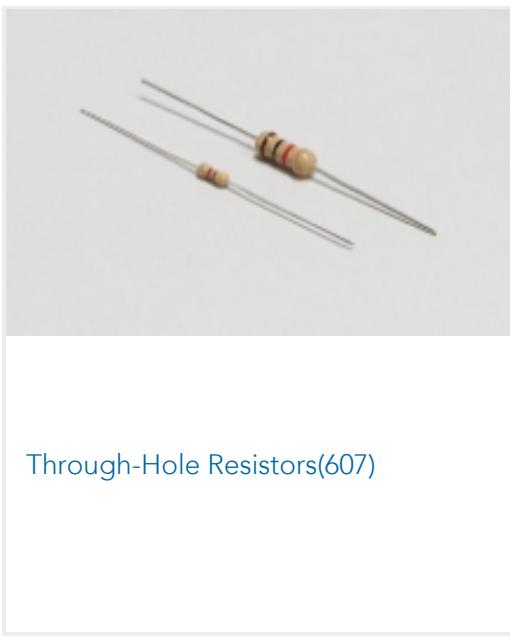
Product Compliance Disclaimer

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 # 2176081-7
EP 1W (S) 100R 5%TE Part # 1-2176045-5
EP 5W 1K5 5%TE Part # 2176079-5
EP 3W 47R 5%TE Part # 2176085-7
EP 9W (S) 100R 5%TE Part # 2176083-1
EP 5W (S) 10R 5%TE Part # 2176084-7
EP 7W (S) 100R 5%

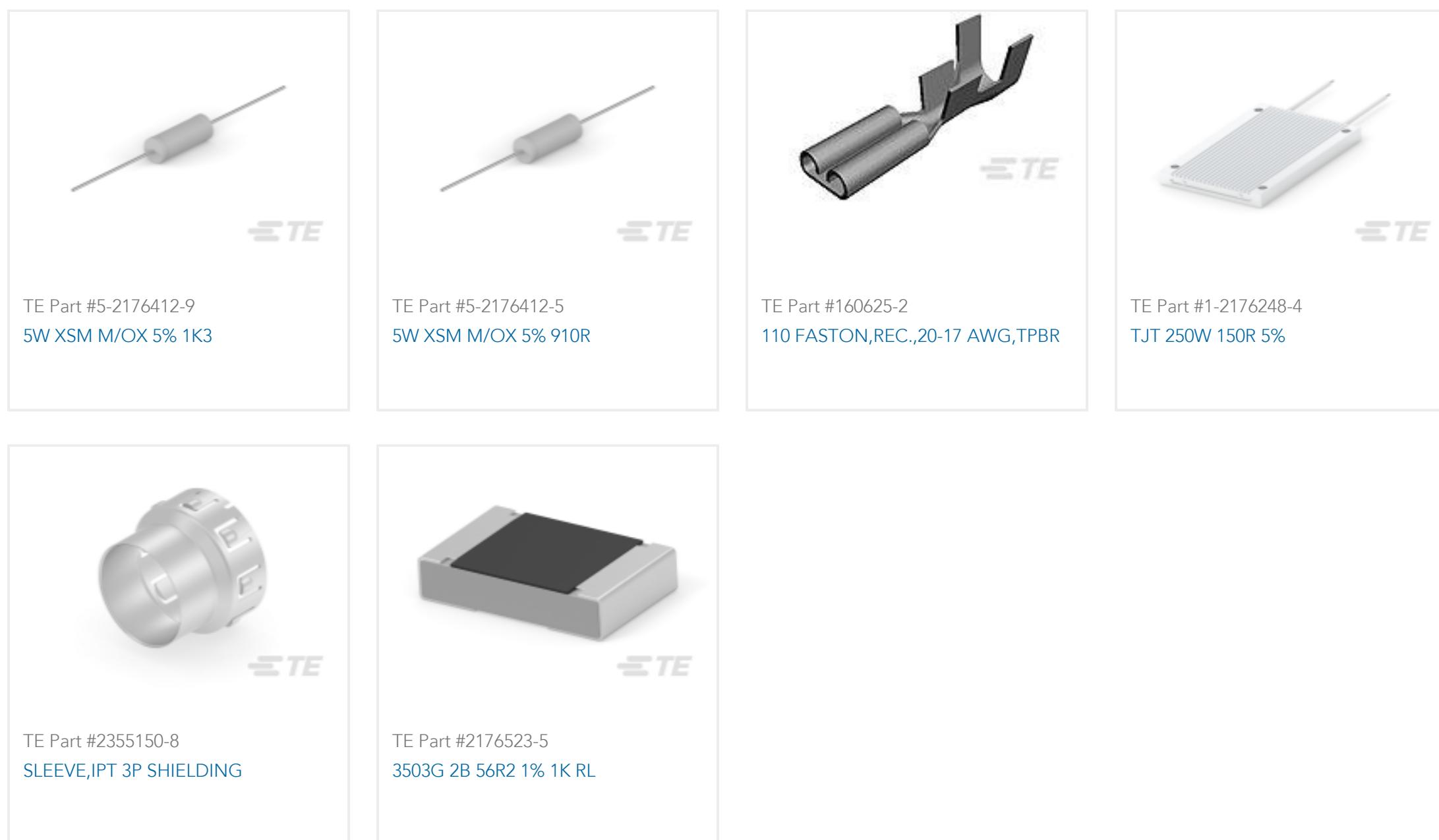
Also in the Series | Neohm EP



Through-Hole Resistors(607)

Customers Also Bought

TE Part #539764-1
EXTRACTION TOOLTE Part #1-480763-0
05P UMNL PLUG HSG NATLTE Part #2355153-6
COVER,ISO HS WIRE 95SQMM,IPT HDTE Part #1676192-3
RN 0805 14K 0.1% 10PPM 5KRL



Documents

Product Drawings

EP 5W (S) 1K5 5%

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2176083-4_BA1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176083-4_BA1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176083-4_BA1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Wirewound Anti Surge Resistors - Type EP Series

English