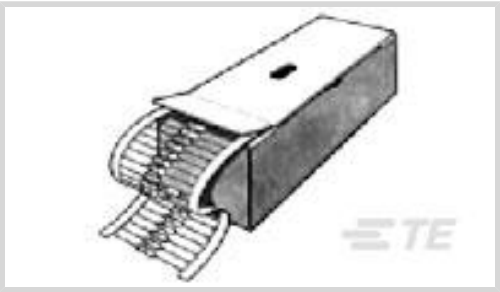




Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Ceramic Composition, Wire Wound**

Power Rating: **3 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **1.5K Ω**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Ceramic Composition, Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	500 V
Power Rating	3 W
Resistance Class	1kΩ – 1MΩ
Resistance Value	1.5K Ω
Passive Component Tolerance	5 %

Body Features

Lead Type	Axial-Leaded
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Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	16 x 5.5 mm
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Usage Conditions

Operating Temperature Range	-55 – 155 °C[-67 – 311 °F]
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

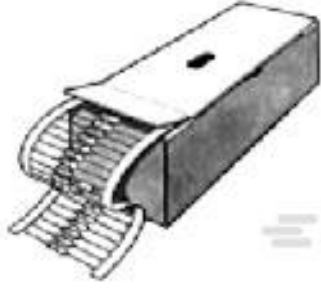
Compatible Parts

EP3WS1K5J

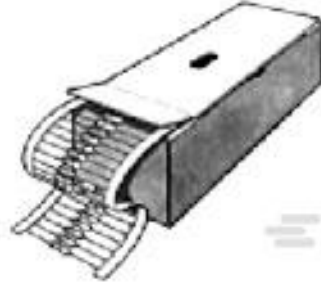
1.5K ohm, Ceramic Composition / Wire Wound, Power Resistor, 5 %, 3 W, ±300 ppm/°C, Axial-Leaded, Copper Termination, 16 x 5.5 mm, NEOHM EP



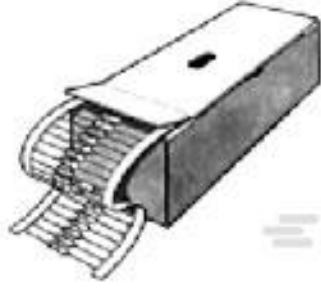
TE Part # 2176083-1
EP 5W (S) 10R 5%



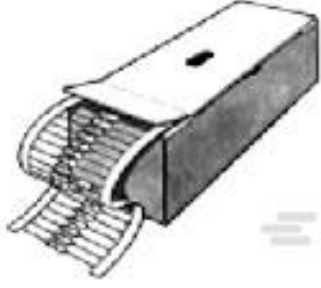
TE Part # 2176084-7
EP 7W (S) 100R 5%



TE Part # 2176085-7
EP 9W (S) 100R 5%



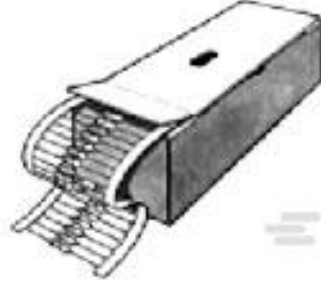
TE Part # 2176079-5
EP 3W 47R 5%



TE Part # 1-2176079-4
EP 3W 1K5 5%



TE Part # 1-2176082-6
EP 3W (S) 75R 5%



TE Part # 2176081-7
EP 1W (S) 100R 5%



TE Part # 7-2176612-7
EP 3W (SS) 1K5 5%

Also in the Series | NEOHM EP



Through-Hole Resistors(607)

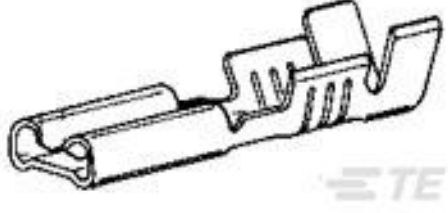
Customers Also Bought



TE Part #10142048-30
HTU31V I.C 31V RH/T ANALOG R400



TE Part #34123
TERMINAL,SOLIS R 16-14 10



TE Part #160597-4
110 FASTON,REC.,30-26 AWG,TPBR



TE Part #201580-1
SKT CONT ASSY,TYPE II



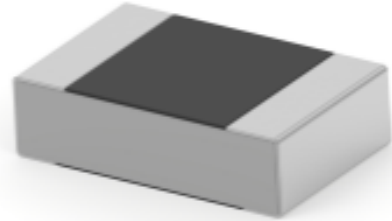
TE Part #350789-1
03P UMNL PIN HDR ASSY 94VO



TE Part #7-968971-1
AMP MCP 2.8 HSG 9 POS. 2.LOCKI



TE Part #8-1415536-6
0410 83 046 001WG



TE Part #3-1879138-1
RN 0603 3K32 0.1% 10PPM 5K RL



Documents

Product Drawings

[EP 3W \(S\) 1K5 5%](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-2176082-4_BA1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176082-4_BA1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176082-4_BA1.3d_stp.zip](#)

English

[3D PDF](#)

3D

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