

H8150RBYA

✓ ACTIVE

Holsworthy | Holsworthy Holco

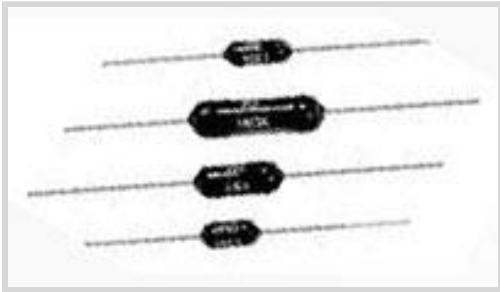
TE Internal #: 1-1879663-5

150 Ω, Thin Film, Precision Resistor, .1 %, 7.2 x 2.5 mm, 2 Termination, Bandoliered, .25 W, ±15 ppm/°C, Copper Termination, Holsworthy Holco

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Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**  
Passive Component Dimensions: **7.2 x 2.5 mm**  
Number of Terminations: **2**  
Packaging Method: **Bandoliered**  
Passive Component Tolerance: **.1 %**

Features

Product Type Features

|               |                    |
|---------------|--------------------|
| Resistor Type | Precision Resistor |
| Element Type  | Thin Film          |

Configuration Features

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

Electrical Characteristics

|                             |           |
|-----------------------------|-----------|
| Operating Voltage           | 350 V     |
| Passive Component Tolerance | .1 %      |
| Resistance Class            | Up to 1kΩ |
| Resistance Value            | 150 Ω     |
| Power Rating                | .25 W     |

Body Features

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

Termination Features

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

Dimensions

|                              |              |
|------------------------------|--------------|
| Passive Component Dimensions | 7.2 x 2.5 mm |
|------------------------------|--------------|



Usage Conditions

|                             |                                  |
|-----------------------------|----------------------------------|
| Operating Temperature Range | -55 – 155 $^{\circ}\text{C}$     |
| Temperature Coefficient     | $\pm 15$ ppm/ $^{\circ}\text{C}$ |

Packaging Features

|                  |             |
|------------------|-------------|
| Packaging Method | Bandoliered |
|------------------|-------------|

Product Compliance

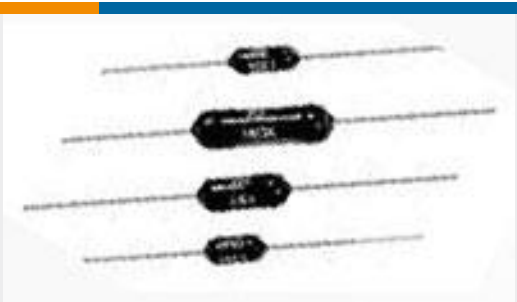
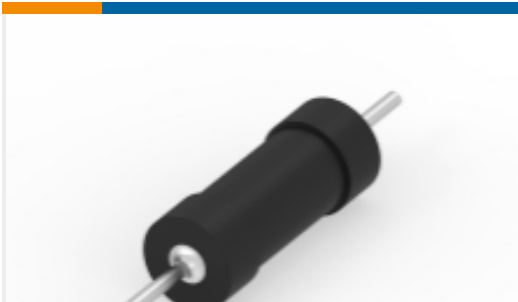
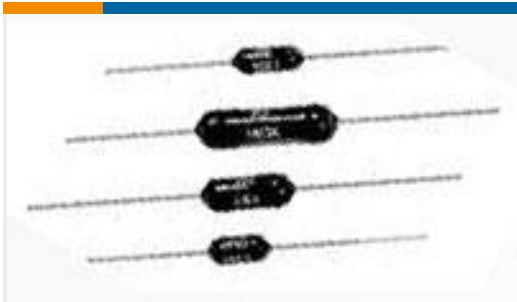
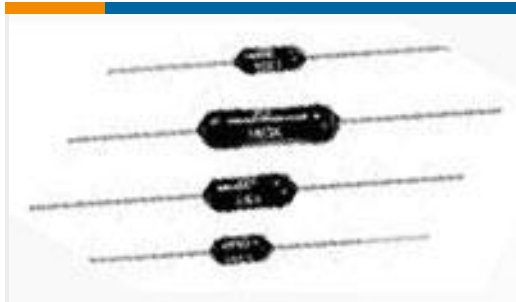
For compliance documentation, visit the product page on [TE.com](#)>

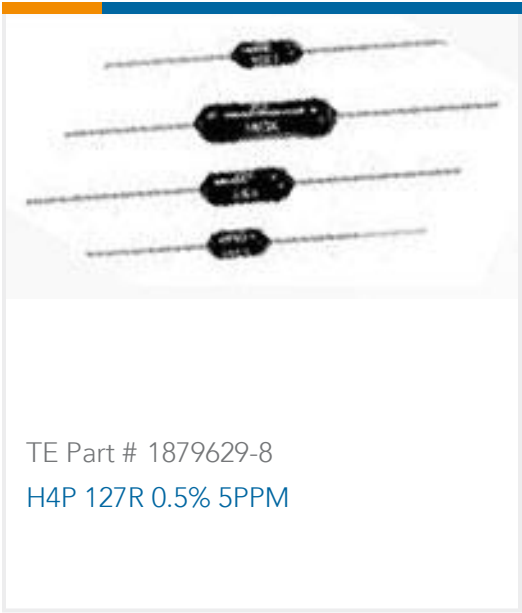
|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUL 2021 (219)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                           |
| Solder Process Capability                     | Wave solder capable to 265 $^{\circ}\text{C}$                                                                                  |

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

|                                                                                                                                   |                                                                                                                                 |                                                                                                                                    |                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 9-1879664-1<br>H8 10K 0.1% 15PPM | <br>TE Part # 1879623-8<br>H4 1K3 0.1% 5PPM | <br>TE Part # 2-1879622-2<br>H4P 1M0 1% 50PPM | <br>TE Part # 5-1879642-1<br>H8 5K0 0.1% 25PPM |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|



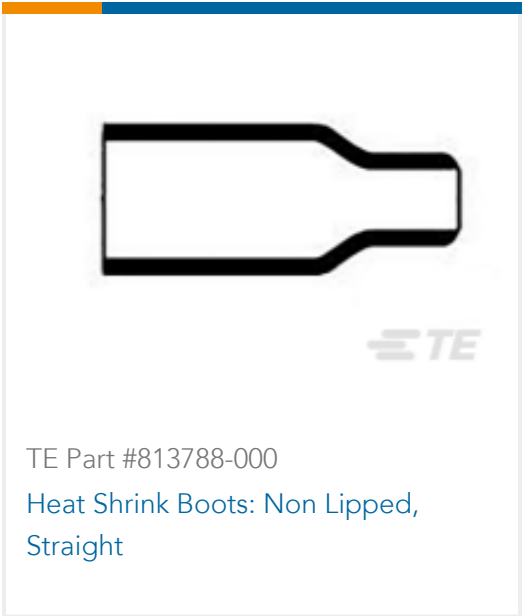
TE Part # 1879629-8  
[H4P 127R 0.5% 5PPM](#)

Also in the Series | [Holsworthy Holco](#)



[Through-Hole Resistors\(6406\)](#)

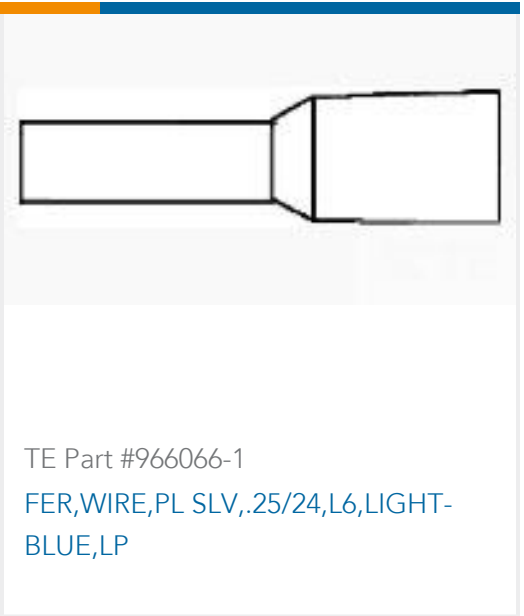
Customers Also Bought



TE Part #813788-000  
[Heat Shrink Boots: Non Lipped, Straight](#)



TE Part #3-1879071-3  
[THS50 47R 5%](#)



TE Part #966066-1  
[FER,WIRE,PL SLV,.25/24,L6,LIGHT-BLUE,LP](#)



TE Part #1622796-2  
[YR1 0.1% 100R](#)



TE Part #1241978-1  
[JPT A REC 2.8 Contact SRC Sn](#)



TE Part #1011-055-1205  
[SEAL RET, 12P, BRN, DTM, D](#)

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1879663-5\\_BA.2d\\_dxf.zip](#)

[English](#)

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150  $\Omega$ , Thin Film, Precision Resistor, .1 %, 7.2 x 2.5 mm, 2 Termination, Bandoliered, .  
25 W,  $\pm 15$  ppm/ $^{\circ}\text{C}$ , Copper Termination, Holsworthy Holco



Customer View Model

[ENG\\_CVM\\_CVM\\_1-1879663-5\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1879663-5\\_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

[Axial Leaded Precision Resistors - Type HOLCO Series](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English