

# H8165RBYA ✓ ACTIVE

Holsworthy | Holsworthy Holco

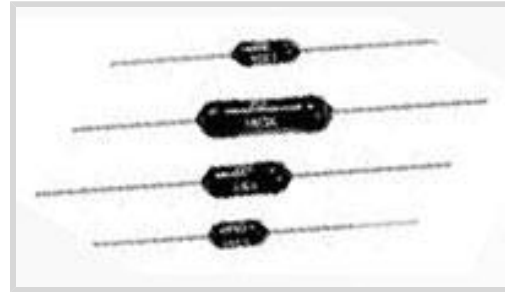
TE Internal #: 1-1879663-9

165 ohm, Through-Hole Precision Resistor, Thin Film, .25 W, .1 %, ±15 ppm/°C, Axial-Leaded, Copper Termination, 7.2 x 2.5 mm, Holsworthy Holco

[View on TE.com >](#)



Passive Components > Resistors > Through-Hole Resistors



Resistance Value: 165 Ω

Resistor Type: Precision Resistor

Element Type: Thin Film

Power Rating: .25 W

Resistance Class: Up to 1kΩ

## Features

### Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±15 ppm/°C

### Electrical Characteristics

Operating Voltage	350 V
Resistance Value	165 Ω
Power Rating	.25 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.1 %

### Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film

### Configuration Features

Number of Resistors	1
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### 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	7.2 x 2.5 mm
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### Packaging Features

Packaging Method	Bandoliered
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

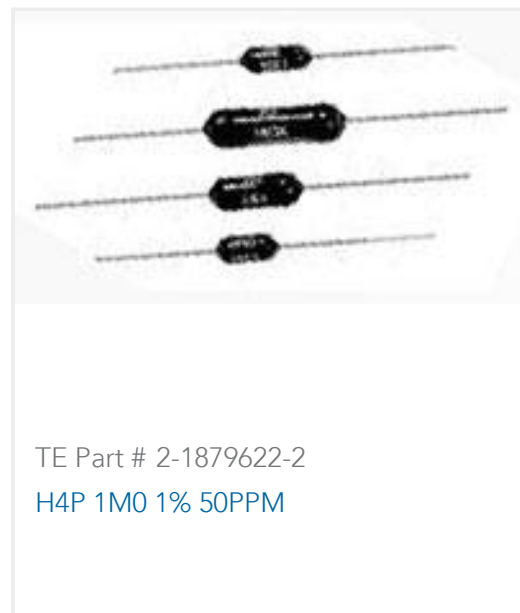
#### Product Compliance Disclaimer

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>

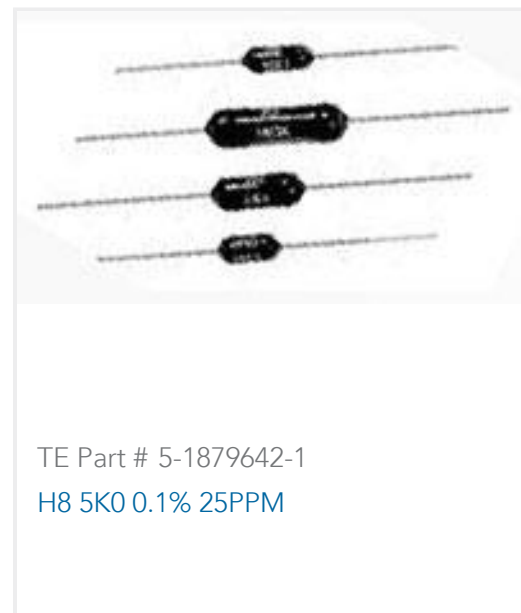
### Compatible Parts



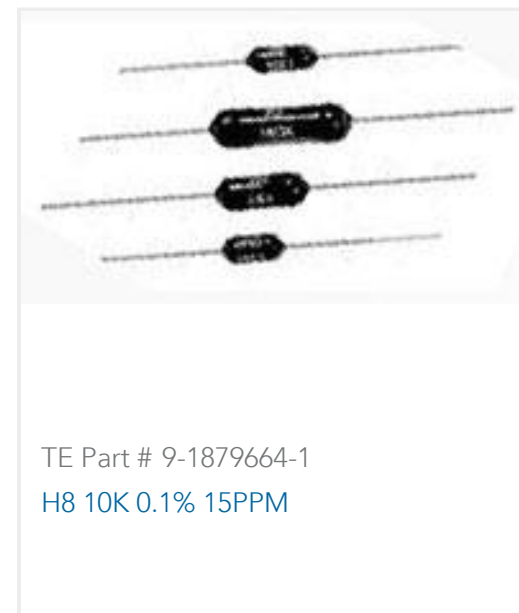
TE Part # 1879623-8  
H4 1K3 0.1% 5PPM



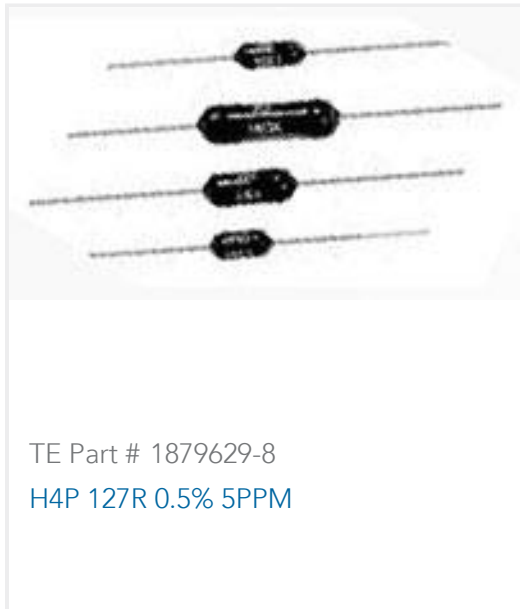
TE Part # 2-1879622-2  
H4P 1M0 1% 50PPM



TE Part # 5-1879642-1  
H8 5K0 0.1% 25PPM



TE Part # 9-1879664-1  
H8 10K 0.1% 15PPM



TE Part # 1879629-8  
H4P 127R 0.5% 5PPM

### Also in the Series | Holsworthy Holco

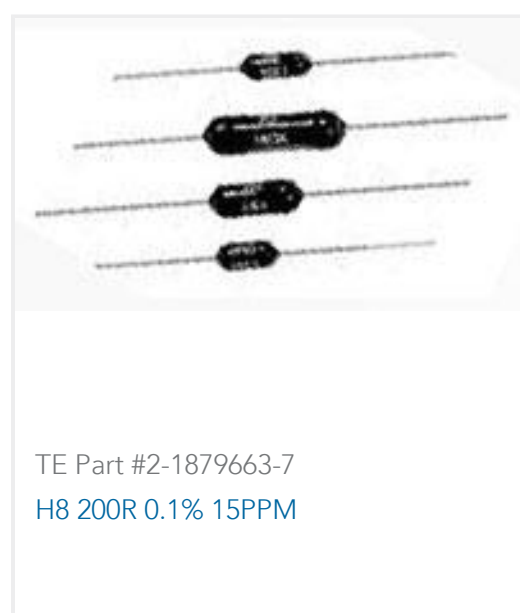


Through-Hole Resistors(6370)

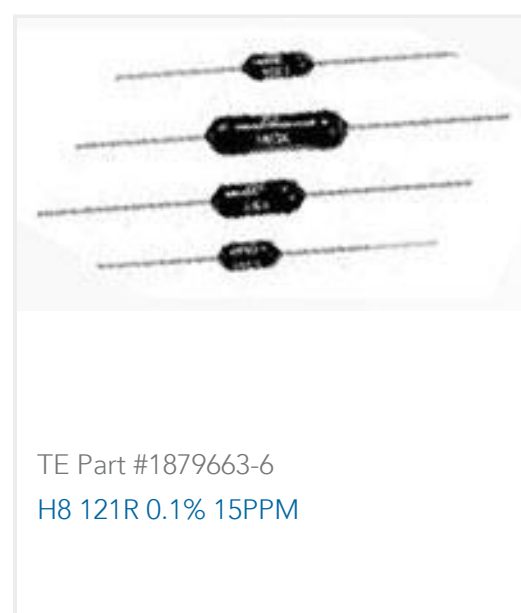
### Customers Also Bought



TE Part #1879026-2  
YR1 0.1% 10R5



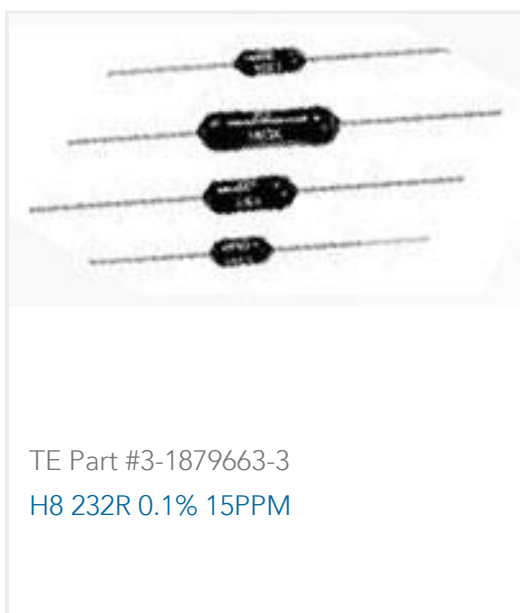
TE Part #2-1879663-7  
H8 200R 0.1% 15PPM



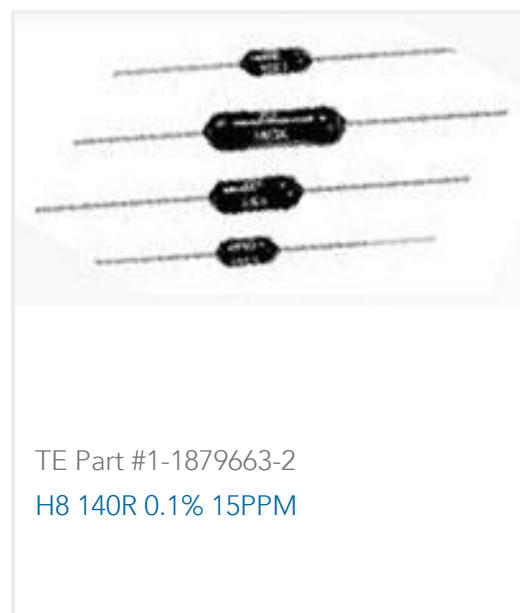
TE Part #1879663-6  
H8 121R 0.1% 15PPM



TE Part #ANT-868-CW-HW-SMA  
Antenna 1/2 Wave Whip 868MHz SMA



TE Part #3-1879663-3  
H8 232R 0.1% 15PPM



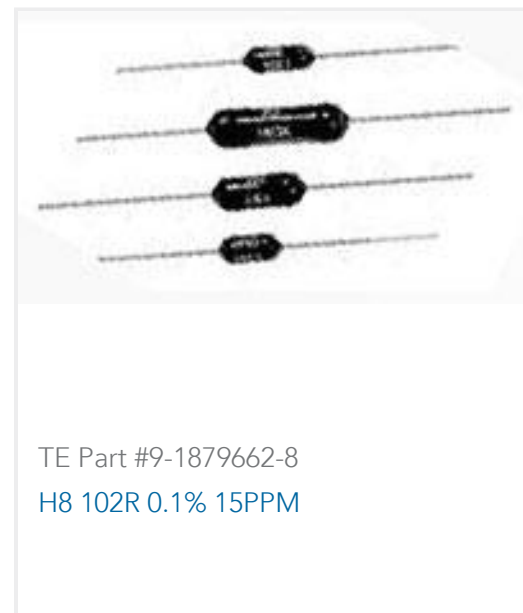
TE Part #1-1879663-2  
H8 140R 0.1% 15PPM



TE Part #6-2176458-5  
CPF 1206 4R64 0.1% 25ppm 1K RL



TE Part #5-1814832-2  
SMA Str PCB Skt GZD



## Documents

### CAD Files

[3D PDF](#)

[3D](#)

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1879663-9\\_BA.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1879663-9\\_BA.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1879663-9\\_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