

H415R8BYA

✓ ACTIVE

Holsworthy | Holsworthy Holco

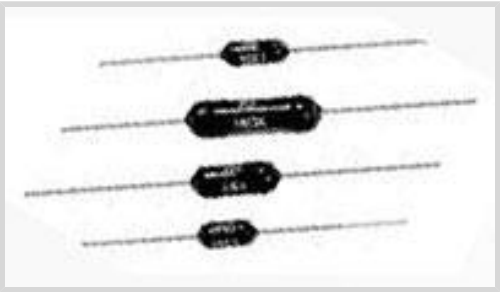
TE Internal #: 2-1879657-0

15.8 ohm, Thin Film, Precision Resistor, .1 %, .5 W, ±15 ppm/°C,
Axial-Leaded, Copper Termination, 10 x 3.7 mm, Bandoliered,
Holsworthy Holco

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Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**
Element Type: **Thin Film**
Power Rating: **.5 W**
Resistance Class: **Up to 1kΩ**
Resistance Value: **15.8 Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	350 V
Power Rating	.5 W
Resistance Class	Up to 1kΩ
Resistance Value	15.8 Ω
Passive Component Tolerance	.1 %

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	10 x 3.7 mm
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Usage Conditions

Operating Temperature Range	-55 – 155 °C[-67 – 311 °F]
Temperature Coefficient	±15 ppm/°C

Packaging Features

Packaging Method	Bandoliered
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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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



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

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

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

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

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

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

Through-Hole Resistors(6370)

Customers Also Bought

TE Part #3954384002
CGPE-105-1/2-0-SP

TE Part #20014203-12
PRESS XDCR M325M-000005-250PG

TE Part #1-1625893-3
5W SM M/OX 2% 22R

TE Part #9-2176415-0
8W STD M/OX 5% 150K

TE Part #9-2176415-1
8W STD M/OX 5% 160K

TE Part #2-2176455-5
CPF 0402 7R5 0.1% 25ppm 1K RL

TE Part #2-2329328-0
PB OFF/ON HC BLU M4 TERM. IP68

TE Part #2329359-9
PB ON/OFF HC GRE M1 TERM IP68 500MM LHS



Documents

Product Drawings

[H4 15R8 0.1% 15PPM](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1879657-0_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1879657-0_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1879657-0_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

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

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English