



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Passive Component Dimensions: **10 x 3.7 mm**

Number of Terminations: **2**

Packaging Method: **Bandoliered**

Passive Component Tolerance: **1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	500 V
Passive Component Tolerance	1 %
Resistance Class	Up to 1k Ω
Resistance Value	51 Ω
Power Rating	1 W

Body Features

Passive Component Lead Type	Axial-Leaded
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Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	10 x 3.7 mm
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Usage Conditions

Operating Temperature Range	-55 – 155 $^{\circ}\text{C}$
Temperature Coefficient	± 100 ppm/ $^{\circ}\text{C}$

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) 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 $^{\circ}\text{C}$

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

H4P51RFZA

51 Ω , Thin Film, Precision Resistor, 1 %, 10 x 3.7 mm, 2 Termination, Bandoliered, 1 W, ± 100 ppm/ $^{\circ}\text{C}$, Tinned Copper Leads Termination, Holsworthy Holco



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

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 # 1879629-8
H4P 127R 0.5% 5PPM

Also in the Series | **Holsworthy Holco**

Through-Hole Resistors(6406)

Customers Also Bought

TE Part #206043-3
17-14 CPC REC FREE HANGING

TE Part #5227161-3
RTANG JK W/MTG PINS, BNC PCB

TE Part #202236-5
Pin and Socket Contacts, Type III, LP

TE Part #1827538-1
DYNAMIC D-2600 HYBRID V-HDR ASSY 48P

TE Part #171825-2
2 POS EIS POST HDR

TE Part #5-1718321-3
AMP MCP2.8 RECEPTACLE HSG., 39POS.,ASSY

TE Part #536096-5
150 EURO TYP R PIN AP MFBL ASY

TE Part #4-1879645-8
H8 95R3 0.5% 50PPM



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1879627-8_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1879627-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1879627-8_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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English