H8309RDCA ✔ ACTIVE

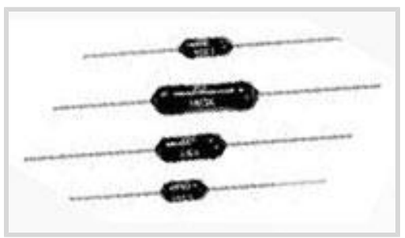
Holsworthy | Holsworthy Holco

TE Internal #: 1-1879643-5

309 ohm, Thin Film, Precision Resistor, .5 %, .25 W, ±50 ppm/°C, Axial-Leaded, Copper Termination, 7.2 x 2.5 mm, Bandoliered, Holsworthy Holco

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Power Rating: **.25 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **309 Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	350 V
Power Rating	.25 W
Resistance Class	Up to 1kΩ
Resistance Value	309 Ω
Passive Component Tolerance	.5 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	7.2 x 2.5 mm

Usage Conditions

Operating Temperature Range	-55 – 155 °C[-67 – 311 °F]
Temperature Coefficient	±50 ppm/°C

Packaging Features

Packaging Method	Bandoliered

Product Compliance

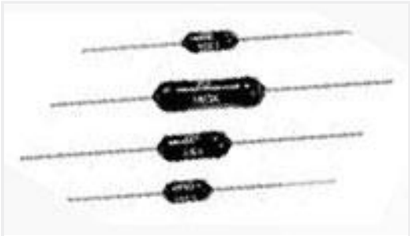
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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

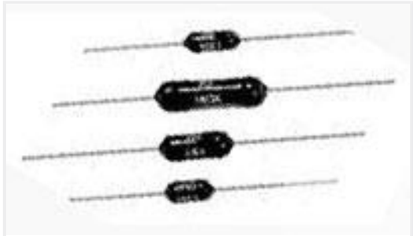
Product Compliance Disclaimer

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



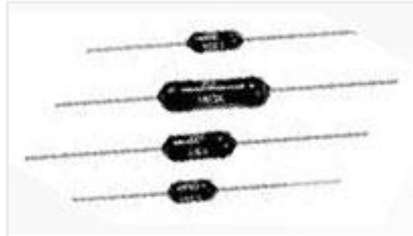
TE Part # 1879629-8
H4P 127R 0.5% 5PPM



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



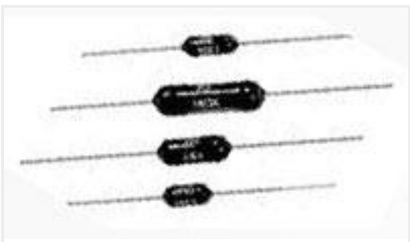
TE Part # 5-1879642-1
H8 5K0 0.1% 25PPM

Also in the Series | Holsworthy Holco

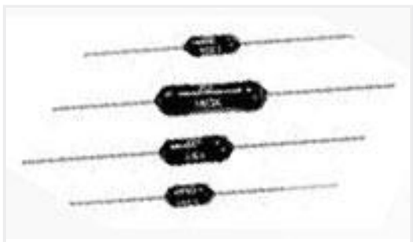


Through-Hole Resistors(6370)

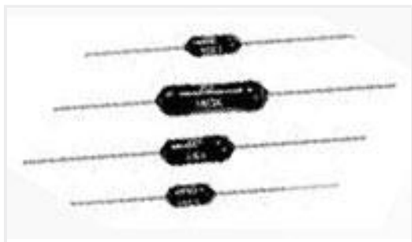
Customers Also Bought



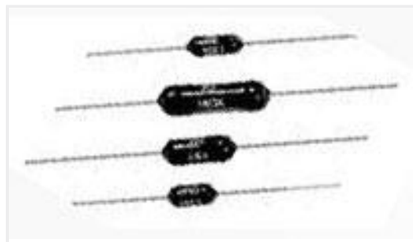
TE Part #5-1879625-7
H8 2K2 1% 50PPM



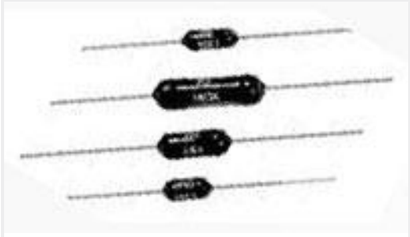
TE Part #5-1879625-8
H8 2K4 1% 50PPM



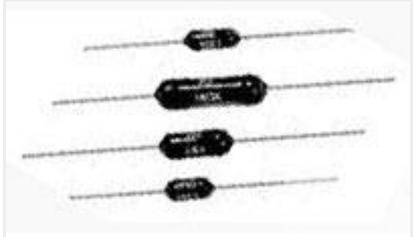
TE Part #1879626-2
H8 150K 1% 50PPM



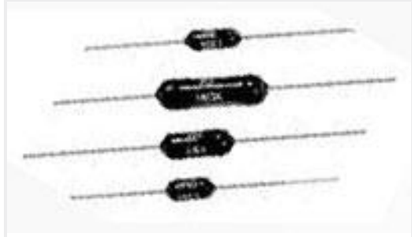
TE Part #9-1879639-7
H4P 1K0 0.5% 50PPM



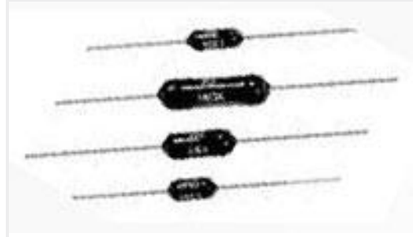
TE Part #5-1879645-1
H8 110R 0.5% 50PPM



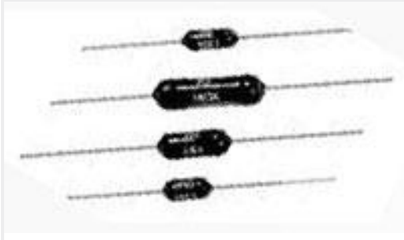
TE Part #6-1879645-9
H8 261R 0.5% 50PPM



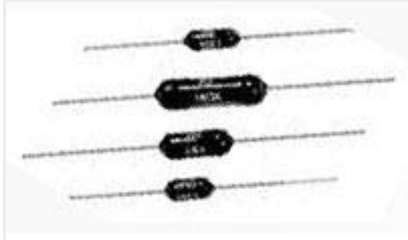
TE Part #7-1879645-4
H8 332R 0.5% 50PPM



TE Part #9-1879645-7
H8 1K0 0.5% 50PPM



TE Part #6-1879646-9
H8 30K1 0.5% 50PPM



TE Part #9-1879646-4
H8 100K 0.5% 50PPM

Documents

Product Drawings

H8 309R 0.5% 50PPM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1879643-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1879643-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1879643-5_BA.3d_stp.zip

English

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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