# H8105KBCA ✔ ACTIVE

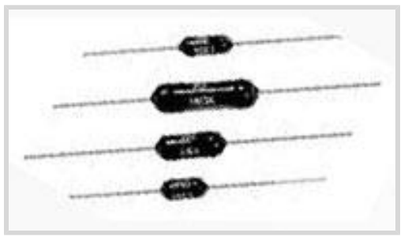
Holsworthy | Holsworthy Holco

TE Internal #: 9-1879685-0

105K ohm, Thin Film, Precision Resistor, .1 %, .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: **1kΩ – 1MΩ**

Resistance Value: **105K 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 | 1kΩ – 1MΩ |
| Resistance Value | 105K Ω |
| Passive Component Tolerance | .1 % |

### Body Features

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

### Termination Features

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

### Dimensions

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|---|---|
| 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

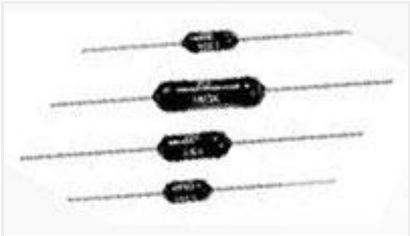
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 |

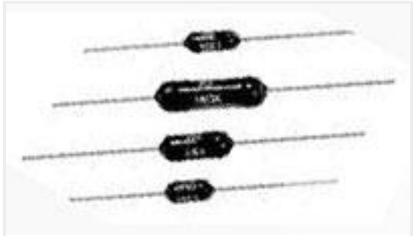
Product Compliance Disclaimer

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



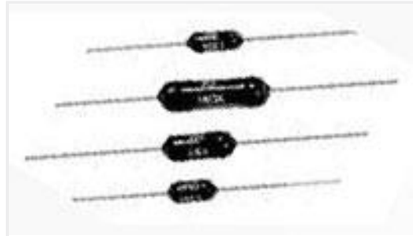
TE Part # 1879629-8
H4P 127R 0.5% 5PPM



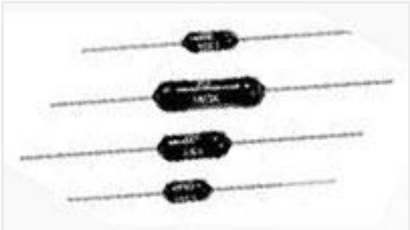
TE Part # 9-1879664-1
H8 10K 0.1% 15PPM



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



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



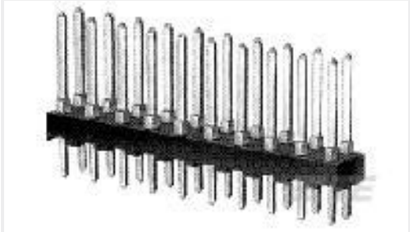
TE Part # 5-1879642-1
H8 5K0 0.1% 25PPM

## Also in the Series | Holsworthy Holco

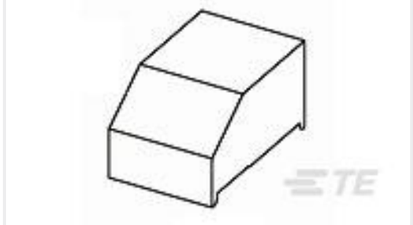


Through-Hole Resistors(6370)

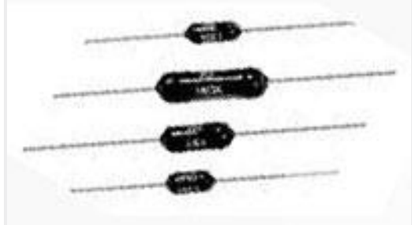
## Customers Also Bought



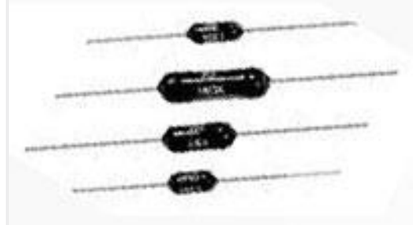
TE Part #4-87215-0
80 MODII HDR DRST UNSHRD .100



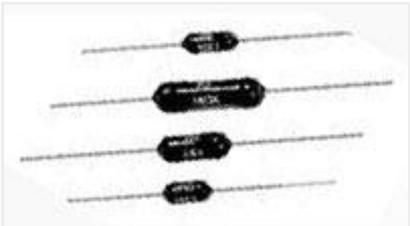
TE Part #91378-1
SEATING TL,RT ANG,4 PR RECPT



TE Part #5-1879617-2
H8 1K3 1% 15PPM



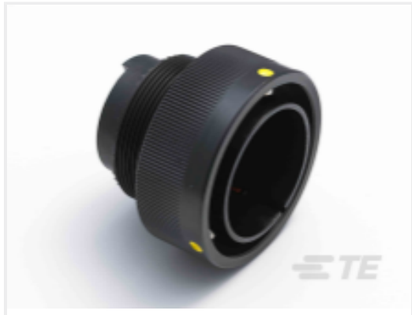
TE Part #2-1879682-3
H8 16R9 0.1% 50PPM



TE Part #1879695-7
H8 14K3 0.1% 100PPM



TE Part #Y5015-000000006903
FREE SOCKET CONNECTOR



TE Part #Y5015-000000006901
FREE PIN CONNECTOR



TE Part #Y5015-000000006891
FIXED, REAR MOUNT SOCKET CONNECTOR



TE Part #1604396-4
KIT,180A,2 AWG,RED



TE Part #5-102694-8
20 AMPMODU MT ASSY DR SN

## Documents

### Product Drawings

H8 105K 0.1% 50PPM

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1879685-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1879685-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1879685-0_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