# H4P220KFZA ✔ ACTIVE

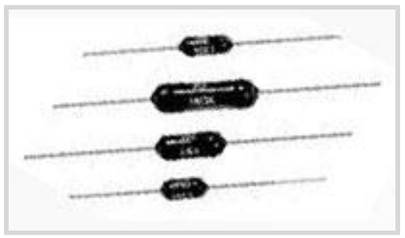
Holsworthy | Holsworthy Holco

TE Internal #: 1879628-6

220K ohm, Thin Film, Precision Resistor, 1 %, 1 W, ±100 ppm/°C, Axial-Leaded, Copper Termination, 10 x 3.7 mm, Bandoliered, Holsworthy Holco

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Power Rating: **1 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **220K Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Precision Resistor |
| Element Type | Thin Film |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 500 V |
| Power Rating | 1 W |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance Value | 220K Ω |
| Passive Component Tolerance | 1 % |

### Body Features

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|---|---|
| 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 | 10 x 3.7 mm |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 155 °C[-67 – 311 °F] |
| Temperature Coefficient | ±100 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 |

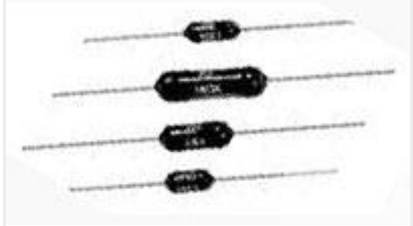
Product Compliance Disclaimer

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

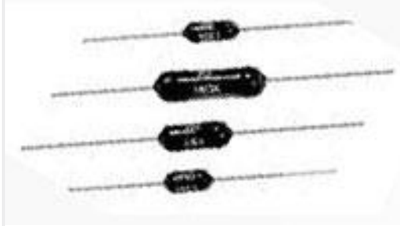
## Compatible Parts



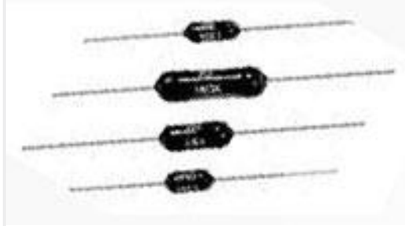
TE Part # 1879623-8
H4 1K3 0.1% 5PPM



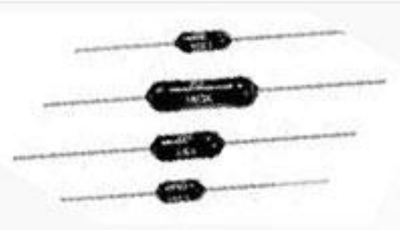
TE Part # 2-1879622-2
H4P 1M0 1% 50PPM



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



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



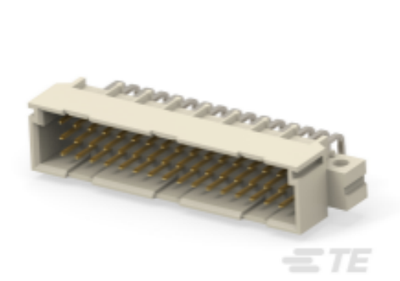
TE Part # 1879629-8
H4P 127R 0.5% 5PPM

## Also in the Series | Holsworthy Holco



Through-Hole Resistors(6370)

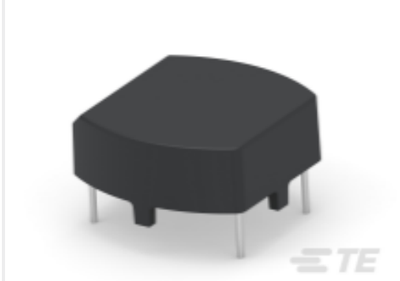
## Customers Also Bought



TE Part #384576-E
STVC/2 48 M ABC VVV 4-00 0606 * * 137 E0



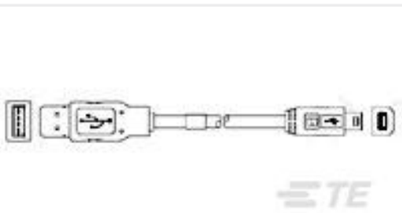
TE Part #K1120618
Relay 30-313-12-EC-01



TE Part #819703-SF
RC212-0.25-47M



TE Part #3-794620-8
08P MICRO MNL ASSY,R/A,HDR,LF



TE Part #1487595-1
USB, A-B, 28/26, BLACK, 1.0M



TE Part #1625893-2
5W SM M/OX 5% 39K



TE Part #6-1879224-2
CPF 0603 14K3 0.1% 25PPM 1K RL



TE Part #2302450-1
MATENET, FEMALE INSERT MODUL, BLACK



TE Part #5-2337992-3
RJ45 JACK MAG. POE 10/100 LED 1X1 INV.



TE Part #5227677-1
BNC PCB RT ANG JACK W/POST

## Documents

### Product Drawings

H4P 220K 1% 100PPM

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1879628-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1879628-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1879628-6_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