

H822K1BYA

✓ ACTIVE

Holsworthy | Holsworthy Holco

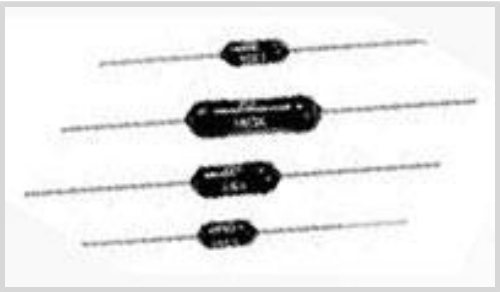
TE Internal #: 2-1879665-5

22.1K ohm, Thin Film, Precision Resistor, .1 %, .25 W, ±15 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: **22.1K 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            | 22.1K Ω   |
| Passive Component Tolerance | .1 %      |

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     | ±15 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                                                                                                    |

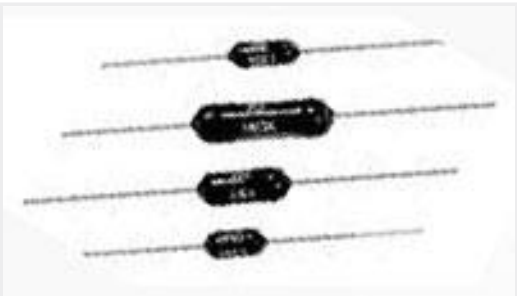
Product Compliance Disclaimer

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

H822K1BYA

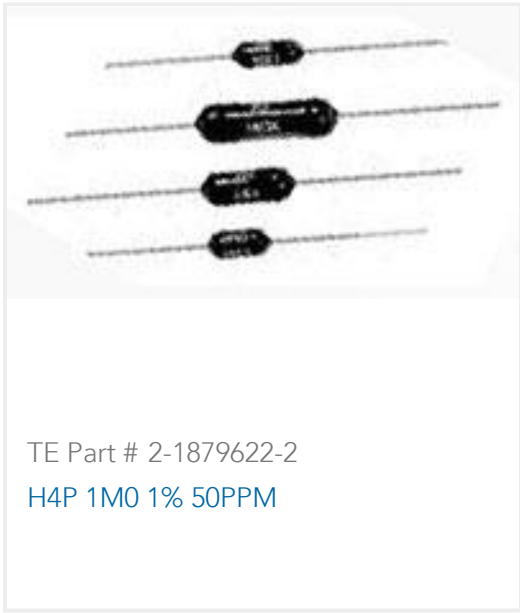
22.1K ohm, Thin Film, Precision Resistor, .1 %, .25 W, ±15 ppm/°C, Axial-Leaded, Copper Termination, 7.2 x 2.5 mm, Bandoliered, Holsworthy Holco



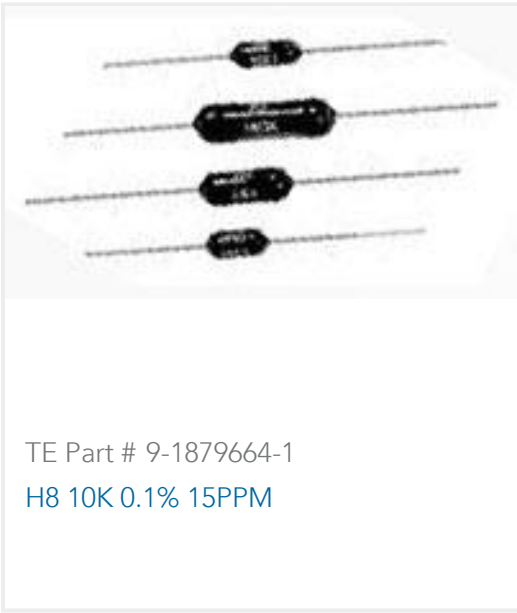
TE Part # 1879629-8  
H4P 127R 0.5% 5PPM



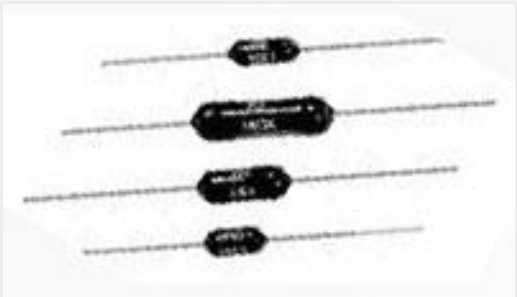
TE Part # 1879623-8  
H4 1K3 0.1% 5PPM



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



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



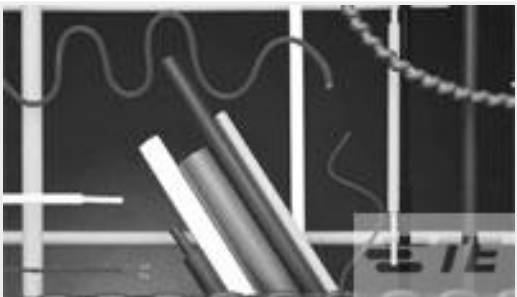
TE Part # 5-1879642-1  
H8 5K0 0.1% 25PPM

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



[Through-Hole Resistors\(6370\)](#)

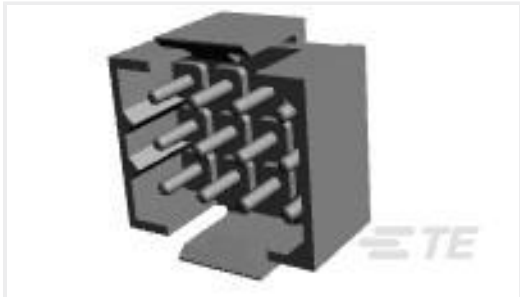
Customers Also Bought



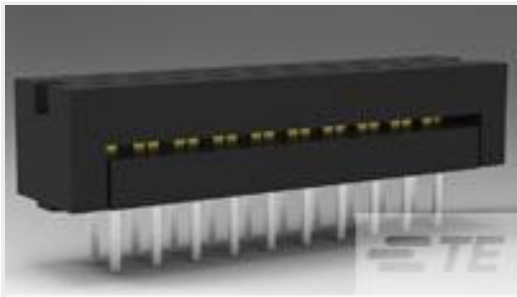
TE Part #6823354001  
CGPT-6/2-0-SP



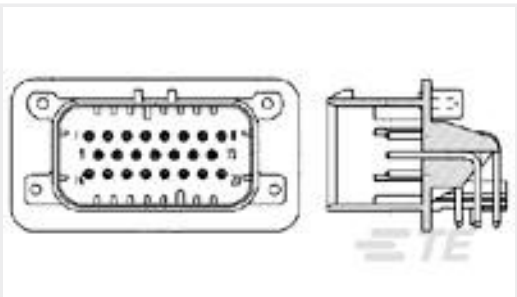
TE Part #91503-1  
CCII AMPLIMITE 20 DF PIN SKT 28-20 ASSY



TE Part #1-207120-1  
METRIMATE PIN HDR ASY,12P LF



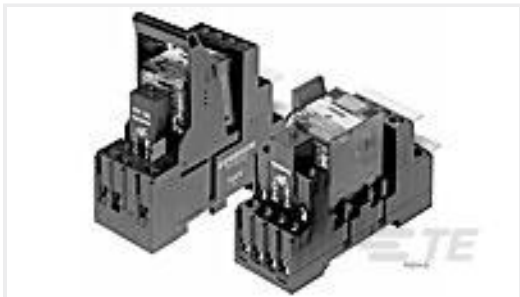
TE Part #2-746610-1  
010 DIP PLUG 100CL TIN



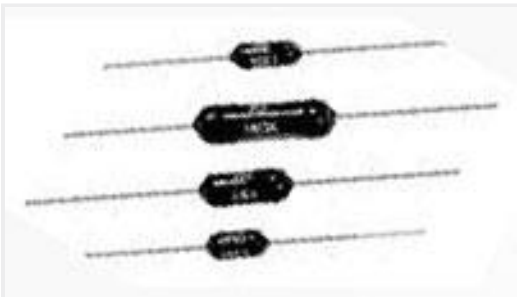
TE Part #1-776280-1  
8POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1



TE Part #1102855-7  
AWZG-HE-Q5-RSZ



TE Part #1415076-1  
PT5S7LC4



TE Part #7-1879642-6  
H8 680R 0.1% 15PPM



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Documents

Product Drawings

H8 22K1 0.1% 15PPM

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-1879665-5\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1879665-5\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1879665-5\_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