

**CHAMP**

TE Internal #: 5917334-4

TE Internal Description: CHAMP 050-2 REC HDR ASSY V 26P

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Connectors &gt; D-Shaped Connectors

Number of Positions: **26**Connector & Housing Type: **Receptacle**Connector System: **Board-to-Board**Connector Mounting Type: **Panel Mount**Centerline (Pitch): **1.27 mm [ .05 in ]****Features****Product Type Features**

|                                   |                       |
|-----------------------------------|-----------------------|
| Shell Material Configuration      | Front Metal Shell     |
| Connector & Housing Type          | Receptacle            |
| Connector System                  | Board-to-Board        |
| Connector & Contact Terminates To | Printed Circuit Board |

**Configuration Features**

|                       |          |
|-----------------------|----------|
| Number of Positions   | 26       |
| Number of Rows        | 4        |
| PCB Mount Orientation | Vertical |

**Body Features**

|                        |                    |
|------------------------|--------------------|
| Shell Plating Material | Nickel over Copper |
| Primary Product Color  | Black              |
| Connector Profile      | Standard           |

**Contact Features**

|   |                 |
|---|-----------------|
| Contact Thickness                             | 12 µin          |
| Contact Underplating Material                 | Nickel          |
| Contact Mating Area Plating Material          | Gold (Au)       |
| Contact Base Material                         | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin             |
| Contact Current Rating (Max)                  | 1 A             |



|                 |           |
|-----------------|-----------|
| Contact Options | Installed |
|-----------------|-----------|

### Termination Features

|   |                       |
|---|-----------------------|
| Rectangular Termination Post & Tail Width     | .4 mm[.015 in]        |
| Rectangular Termination Post & Tail Thickness | .32 mm[.012 in]       |
| Termination Method to PCB                     | Through Hole - Solder |
| Termination Post & Tail Length                | 3.1 mm[.122 in]       |

### Mechanical Attachment

|                          |               |
|--------------------------|---------------|
| Mounting Hole Diameter   | 2.88 mm       |
| Connector Mounting Type  | Panel Mount   |
| PCB Mount Retention      | With          |
| PCB Mount Retention Type | Retention Leg |
| Mating Retention         | With          |
| Mating Retention Type    | Latch         |

### Housing Features

|                    |                              |
|--------------------|------------------------------|
| Housing Material   | Thermoplastic, Zinc Die Cast |
| Shell Material     | Steel                        |
| Centerline (Pitch) | 1.27 mm[.05 in]              |

### Dimensions

|                               |                  |
|-------------------------------|------------------|
| Panel Thickness (Recommended) | 2.01 mm[.079 in] |
| PCB Thickness (Recommended)   | 1.6 mm[.063 in]  |
| Row-to-Row Spacing            | 1.9 mm[.075 in]  |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 12   |
| Packaging Method   | Tube |

### Product Compliance



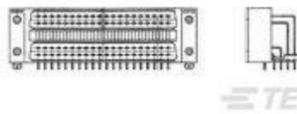
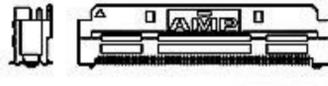
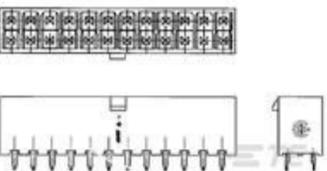
For compliance documentation, visit the product page on TE.com>

|   |  |
|---|--|
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.   |
| 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>

### Customers Also Bought

|  |  |   |   |
|--|--|---|---|
|  <p>TE Part #ASA021N00210235000<br/>623 PLUG</p>          |  <p>TE Part #900412-2<br/>PC I/O RETENTION LEG ASSY 80P</p> |  <p>TE Part #1123677-1<br/>Z-STACK TYPE F16 ASSY 130P</p>        |  <p>TE Part #1473226-1<br/>SOCKET WITH RING MINI U-M-N-L</p> |
|  <p>TE Part #2-1586038-2<br/>22P VRT HDR VAL-U-LOK V0</p> |  <p>TE Part #2013874-1<br/>ME CONN (M) DUMMY PLUG ASSY</p>  |  <p>TE Part #2229093-1<br/>MOD JACK ASSEMBLY V-TYPE H=21.7mm</p> |  <p>TE Part #1-2271457-8<br/>D3950 HDR 8POS 1ROW X KEY</p>   |



## Documents

### Product Drawings

[CHAMP 050-2 REC HDR ASSY V 26P](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5917334-4\\_O.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5917334-4\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5917334-4\\_O.3d\\_stp.zip](#)

English

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### Product Specifications

[CHAMP.050 Series\(II\) Connector Wire to Board Type](#)

English

[Product Specification](#)

English