



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Board-to-Board**

Number of Positions: **150**

Number of Rows: **2**

Features

Electrical Characteristics

|                       |      |
|-----------------------|------|
| Insulation Resistance | 2 MΩ |
|-----------------------|------|

Dimensions

|                             |                  |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 1.57 mm[.76 in]  |
| Connector Height            | 11.73 mm[.46 in] |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 2    |
| Packaging Method   | Tube |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Housing Temperature Rating  | High                       |
| Operating Temperature Range | -65 – 125 °C[-85 – 257 °F] |

Operation/Application

|                        |                |
|------------------------|----------------|
| Solder Process Feature | Board Standoff |
| Circuit Application    | Signal         |



Mechanical Attachment

|                         |              |
|-------------------------|--------------|
| Mating Alignment Type   | Polarization |
| PCB Mount Retention     | Without      |
| PCB Mount Alignment     | Without      |
| Connector Mounting Type | Board Mount  |
| Mating Alignment        | Without      |

Termination Features

|  |                       |
|--|-----------------------|
| Termination Post & Tail Length           | 4.83 mm[.19 in]       |
| Square Termination Post & Tail Dimension | .64 mm[.025 in]       |
| Termination Method to PCB                | Through Hole - Solder |

Contact Features

|  |                 |
|--|-----------------|
| Contact Mating Area Plating Material Thickness | .76 μm[30 μin]  |
| Mating Square Post Dimension                   | .64 mm[.025 in] |
| Contact Shape & Form                           | Four Beam       |
|  | .21 in          |
| Contact Base Material                          | Phosphor Bronze |
| PCB Contact Termination Area Plating Material  | Tin             |
| Contact Mating Area Plating Material           | Gold            |
| Contact Type                                   | Pin             |
| Contact Current Rating (Max)                   | 3 A             |

Housing Features

|                    |                             |
|--------------------|-----------------------------|
| Housing Material   | Polyphenylene Sulfide (PPS) |
| Centerline (Pitch) | 2.54 mm[.1 in]              |

Configuration Features

|                       |          |
|-----------------------|----------|
| Stackable             | No       |
| PCB Mount Orientation | Vertical |
| Number of Positions   | 150      |
| Number of Rows        | 2        |

Product Type Features

|                             |                  |
|-----------------------------|------------------|
| PCB Connector Assembly Type | PCB Mount Header |
| Connector System            | Board-to-Board   |
| Header Type                 | Fully Shrouded   |



|                                   |                       |
|-----------------------------------|-----------------------|
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Industry Standards

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

Other

|                    |                           |
|--------------------|---------------------------|
| EU RoHS Compliance | Not Compliant             |
| EU ELV Compliance  | Compliant with Exemptions |

Product Compliance

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

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Not Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUL 2021 (219)<br>SVHC > Threshold:<br>Pb (13% in Component)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.  |
| Solder Process Capability                     | Pin-in-Paste capable to 260°C   |

Product Compliance Disclaimer

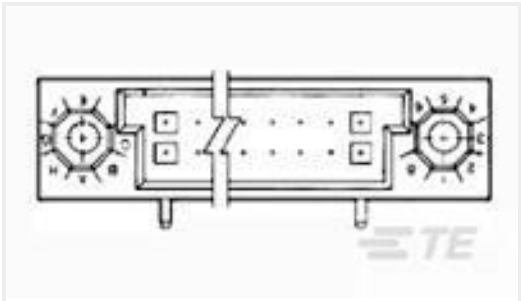
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-532825-4  
HDI RECP ASSY 2 ROW 150 POS



TE Part # 1-532428-4  
HDI RECP ASSY 2 ROW 150 POS



TE Part # 533060-4  
HDI PIN ASSY 2 ROW 50 POS



TE Part # 1-5532430-4  
ASSY,PIN,VERTICAL,HDI,LEAD-FRE



TE Part # 533935-2  
HDI PIN ASSY 4 ROW 128 POS

Customers Also Bought



TE Part #CAT-377-MSSOB4  
Miniature Spring Sockets: Open Bottom, Beryllium Copper, 6.5A



TE Part #102387-3  
16 MODIV HSG COMP DR .100 POL



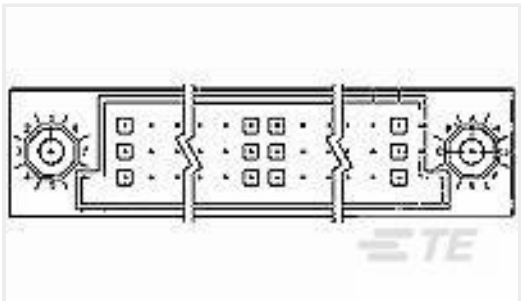
TE Part #1-534236-6  
32 MODII VRT DR CE 100/120



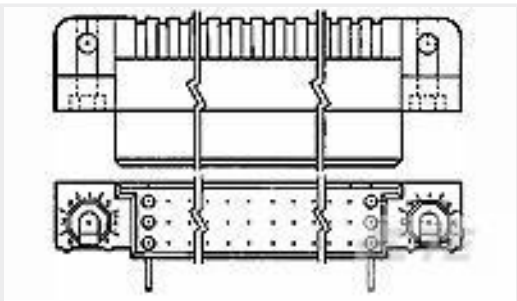
TE Part #8-1470209-8  
RCPT,2MM,30P,VRT MT,30AU,2.6ST



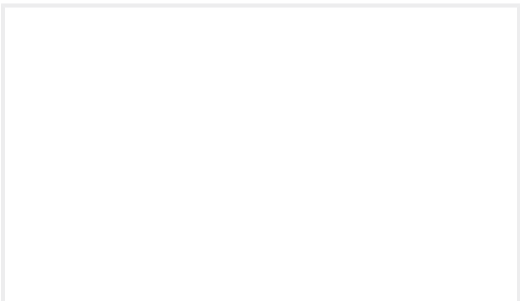
TE Part #YDTS20F25-35ABV001  
RECP ASSY



TE Part #532447-1  
HDI PIN ASSY 3 ROW 75 POS



TE Part #533268-1  
HDI RECP ASSY 3 ROW 75 POS



TE Part #2169662-1  
A/L UNIV HDR 10P VERT SHT LAT



TE Part #2169662-9  
A/L UNIV HDR 40P VERT SHT LAT



Documents

Product Drawings

HDI PIN ASSY 2 ROW 150 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-532430-4\_N.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-532430-4\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-532430-4\_N.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1-1773957-5\_AMP\_HDI\_BTBT\_CONNECTORS\_EN

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English