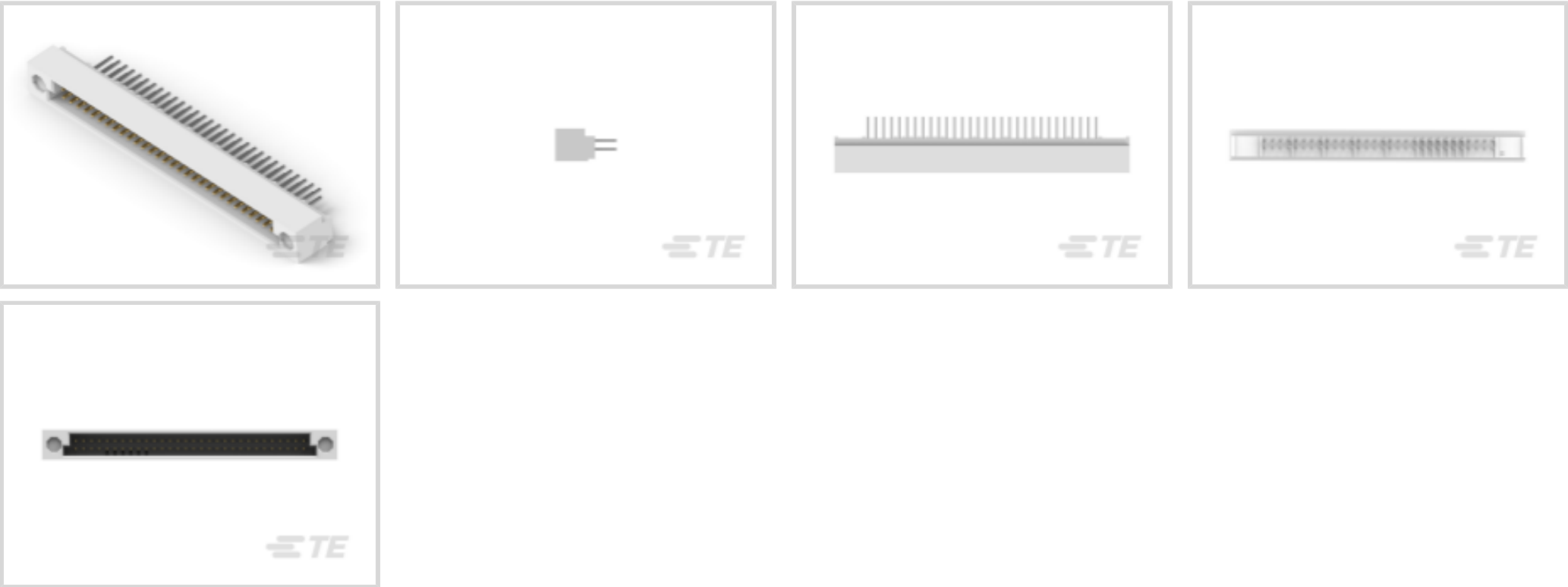




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Board-to-Board**
Number of Positions: **60**
Number of Rows: **2**

Features

Electrical Characteristics

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

Dimensions

| | |
|------------------|------------------|
| Connector Height | 11.73 mm[.46 in] |
|------------------|------------------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 6 |
| 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 | Polarized |
| PCB Mount Retention Type | Action/Compliant Tail |
| PCB Mount Retention | With |
| PCB Mount Alignment | Without |
| Connector Mounting Type | Board Mount |
| Mating Alignment | Without |

Termination Features

| | |
|--|--------------------------|
| Termination Post & Tail Length | 6.35 mm[.25 in] |
| Square Termination Post & Tail Dimension | .64 mm[.025 in] |
| Termination Method to PCB | Through Hole - Press-Fit |

Contact Features

| | |
|---|-----------------|
| | .21 in |
| Mating Square Post Dimension | .64 mm[.025 in] |
| Contact Shape & Form | Four Beam |
| 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 | Thermoplastic |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Configuration Features

| | |
|-----------------------|----------|
| Stackable | No |
| PCB Mount Orientation | Vertical |
| Number of Positions | 60 |
| 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 | Natural |
|-----------------------|---------|

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) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% in component part) Article Safe Usage Statements: 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 | Not applicable for solder process capability |

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 # 532431-8

[HDI RECP ASSY 3 ROW 165 POS](#)





TE Part # 532428-5

[HDI RECP ASSY 2 ROW 60 POS](#)

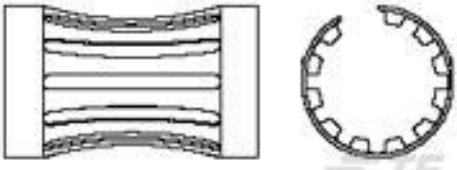





TE Part # 532436-1

[HDI PIN ASSY 4 ROW 100 POS](#)

Customers Also Bought





TE Part #3-192047-7

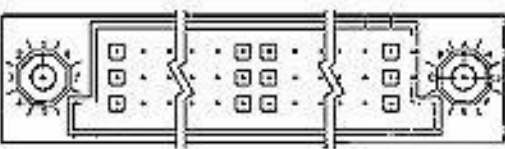
[BRIDGE FORMED BAND,\(F\)](#)






TE Part #2-1617038-0

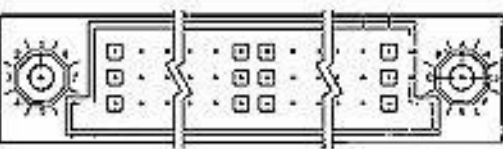
[HMB1201K01L = M39016/22-009L](#)






TE Part #532447-4

[HDI PIN ASSY 3 ROW 105 POS](#)





TE Part #532447-5

[HDI PIN ASSY 3 ROW 120 POS](#)





TE Part #50462-8

[SOCKET,MIN-SPR SN-AU SER-2](#)





TE Part #1-532446-4

[HDI PIN ASSY 2 ROW 150 POS](#)

TE Part #1757653-1

[RM1R45P-00SPL \(PCB\)](#)





TE Part #1757654-1

[RM2R67P57P-00SPL \(PCB\)](#)





TE Part #5-87483-3

[64 MODIV HSG COMP DR .100 EARS](#)





TE Part #204546-2

[AMPLIMITE,ASY,RCPT,FB,90,6,CONT](#)

Documents

Product Drawings

[HDI PIN ASSY 2 ROW 60 POS](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_532446-5_Z.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_532446-5_Z.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_532446-5_Z.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