



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **200**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	200
Number of Rows	2

Electrical Characteristics

Insulation Resistance	2 MΩ
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Body Features

Primary Product Color	Natural
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Contact Features	
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	.1 µm[3.937 µin]
Contact Shape & Form	Four Beam
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A
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
Mechanical Attachment	
PCB Mount Retention Type	Action/Compliant Tail
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without
Housing Features	
Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Height	11.73 mm[.461 in]
Usage Conditions	
Housing Temperature Rating	High
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Quantity	2
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) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

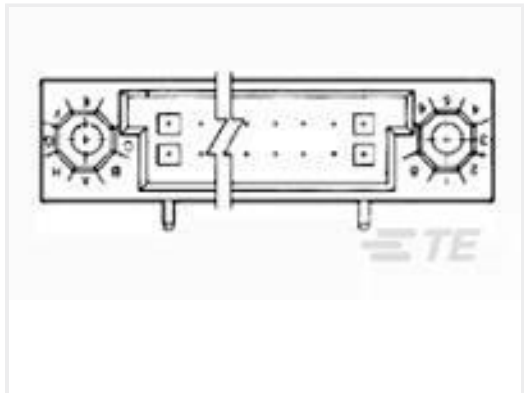
Product Compliance Disclaimer

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 # 1-532428-5
HDI RECP ASSY 2 ROW 200 POS



TE Part # 1-5532428-5
ASSY,RECPT,R,ANGLE,HDI,LEAD-FR

Customers Also Bought





TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D487-W416
WedgeLocks: DEUTSCH DT

Documents

Product Drawings
ASSY,PIN,VERTICAL,HDI,LEAD-FRE
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-5532446-9_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-5532446-9_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-5532446-9_A.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