532434-1 ✔ ACTIVE

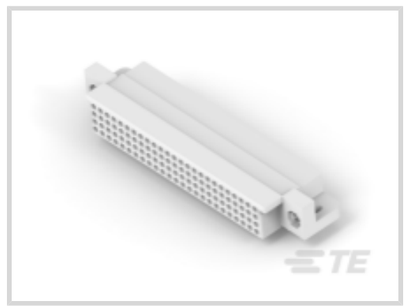
AMP-HDI

TE Internal #: 532434-1

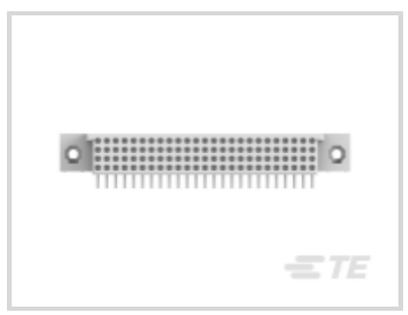
PCB Mount Receptacle, Right Angle, Board-to-Board, 100 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Natural, Tube

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **100**

Number of Rows: **4**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	100
Number of Rows	4

Electrical Characteristics

Insulation Resistance	4 MΩ

Body Features

Primary Product Color	Natural

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Layout	Matrix
Contact Shape & Form	Four Beam
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
	30 µin
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Rectangular Termination Post & Tail Width	.58 mm[.023 in]
Termination Post & Tail Length	4.57 mm[.18 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
Mating Alignment Type	Keyed
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Dimensions

Connector Height	11.68 mm[.46 in]

Usage Conditions

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

Operation/Application

Assembly Process Feature	None
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	7
Packaging Method	Tube

Product Compliance

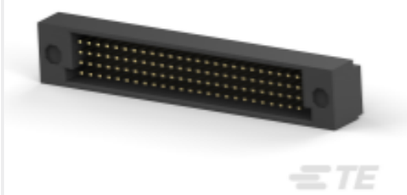
For compliance documentation, visit the product page on TE.com>

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: JAN 2022 (223) 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 lead free process capable

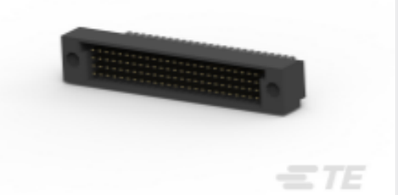
Product Compliance Disclaimer

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 # 532436-1
HDI PIN ASSY 4 ROW 100 POS

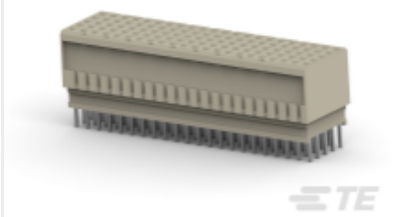


TE Part # 533286-1
HDI PIN ASSY 4 ROW 100 POS R/A

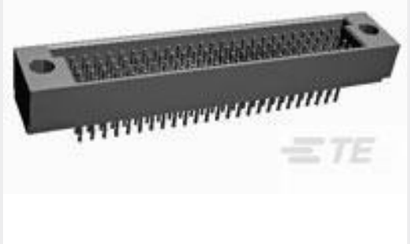


TE Part # 532448-1
HDI PIN ASSY 4 ROW 100 POS

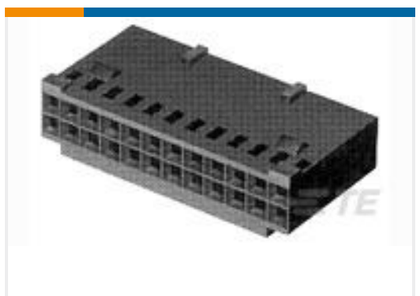
Customers Also Bought



TE Part #3-352152-0
Hard Metric Backplane Receptacle Connector: Mezzanine, 2mm



TE Part #532436-7
HDI PIN ASSY 4 ROW 200 POS



TE Part #87631-5
10 MODIV HSG COMP DR .100 POL

TE Part #868094-1
LGH 1/2 RECEPTACLE

TE Part #3-646492-0
2MM HM,ASY,T-F,REC,TT/PRE-SHLD

TE Part #3-646357-0
2MM HM ASY,T-B,HDR,10R,250,AP

TE Part #1617028-6
HFW1006S02 = HFW 1/2 SIZE RELA

Documents

Product Drawings

HDI RECP ASSY 4 ROW 100 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_532434-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_532434-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_532434-1_R.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_BTB_CONNECTORS_EN

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English