



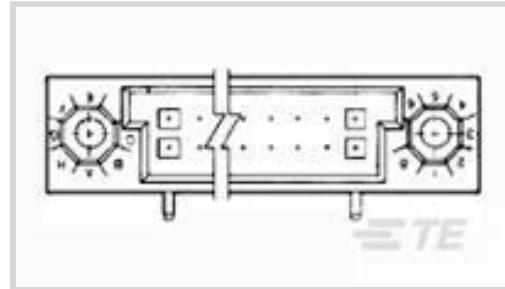
AMP-HDI

TE Part # 1-5532428-5

TE Internal #: 1-5532428-5

[View on TE.com >](#)

Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **200**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Make First / Break Last	No
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	2
Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	200
Board-to-Board Configuration	Right Angle

Electrical Characteristics

Insulation Resistance	2 MΩ
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Contact Features

PCB Contact Termination Area Plating Material Thickness	.1 μm[3.937 μin]
Contact Configuration	Four Beam
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold



Contact Mating Area Plating Material Thickness	.76 μm [29.9212 μin]
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Contact Type	Socket
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Contact Current Rating (Max)	3 A
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Termination Features

Termination Post & Tail Length	4.57 mm[.18 in]
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Termination Method to Printed Circuit Board	Through Hole
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Mechanical Attachment

Mating Alignment	Without
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PCB Mount Retention	Without
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PCB Mount Alignment	Without
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Connector Mounting Type	Board Mount
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Housing Features

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

Connector Height	6.6 mm[.259 in]
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PCB Thickness (Recommended)	2.36 mm[.76 in]
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Usage Conditions

High Temperature Compatible	Yes
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Operating Temperature Range	-65 – 125 $^{\circ}\text{C}$ [-85 – 257 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	2
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Packaging Method	Tube
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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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 2019 (197) Candidate List Declared Against: JAN 2018 (181)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1-5532446-9
ASSY,PIN,VERTICAL,HDI,
LEAD-FRE

Customers Also Bought



TE Part #1393769-2
R10-R2X2-V185=R10



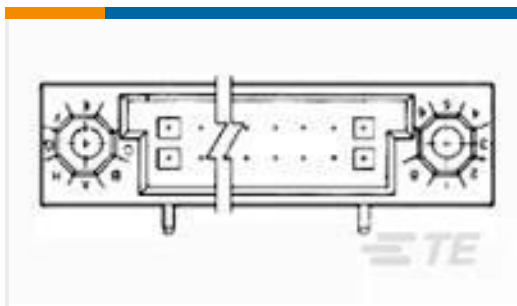
TE Part #1-532446-9
HDI PIN ASSY 2 ROW 200
POS



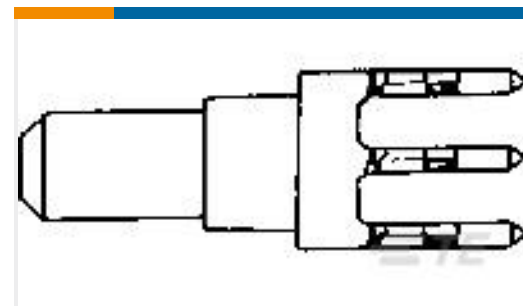
TE Part #1-5532446-9
ASSY,PIN,VERTICAL,HDI,
LEAD-FRE



TE Part #212630-4
MMATE PIN HDR ASSY,
19P LF



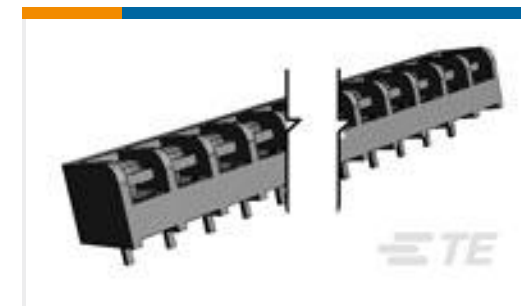
TE Part #532825-6
HDI RECP ASSY 2 ROW 70
POS



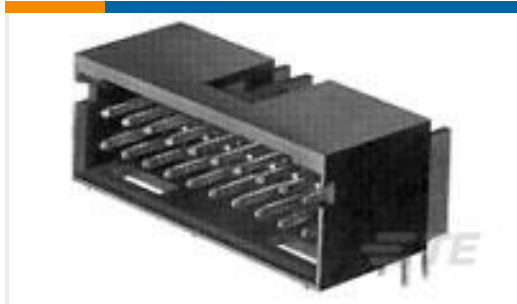
TE Part #534135-1
HDI POWER CONTACT
ASSEMBLY



TE Part #103801-4
08 MODII HDR DRRA B/A .
100CL



TE Part #1-1546158-2
4PCV-27-006



TE Part #5-103167-6
18 MODII HDR DRRA
SHRD LF



TE Part #4-1546158-2
6PCR-28-007=6PCR
ASSEMBLY

Documents

Product Drawings

[ASSY,RECPT,R.ANGLE,HDI,LEAD-FR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-5532428-5_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-5532428-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-5532428-5_B.3d_stp.zip](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English