

# **BOARD-TO-BOARD HEADERS & RECEPTACLES**





✓ Active

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PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)

HDI RECP ASSY 4 ROW 180 POS

AMP-HDI | HDI

532903-6

TE Internal Number: 532903-6

5 of 6 EU RoHS/ELV Compliant

Find Compliant Alternatives

Connector Style Receptacle

Centerline 2.54 mm [.1 in]

Number of Positions 180

Packaging Method **Tube** 

Contact Mating Area Plating Material **Gold** 

**Product Drawings** 

HDI, 4 ROW, RECEPTACLE ASSEMBLY, 3.05 [.120] LONG SOLDER TAILS

PDF **English** 

**CAD Files** 

**Customer View Model** 

3D\_IGS.ZIP English

**Customer View Model** 

3D\_STP.ZIP English

Customer View Model

2D\_DXF.ZIP **English** 

3D PDF

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**Product Specifications** 

Product Specification Connector, Interconnect, High Density

PDF **English** 

Application Specification AMP-HDI Connectors

PDF **English** 

Qualification Test Report AN

**AMP-HDI Connectors** 

PDF Japanese

**AMP-HDI Connectors** 

PDF **English** 

**AMP-HDI Connectors** 

TIF English

Instruction Sheets

Instruction Sheet (U.S.)

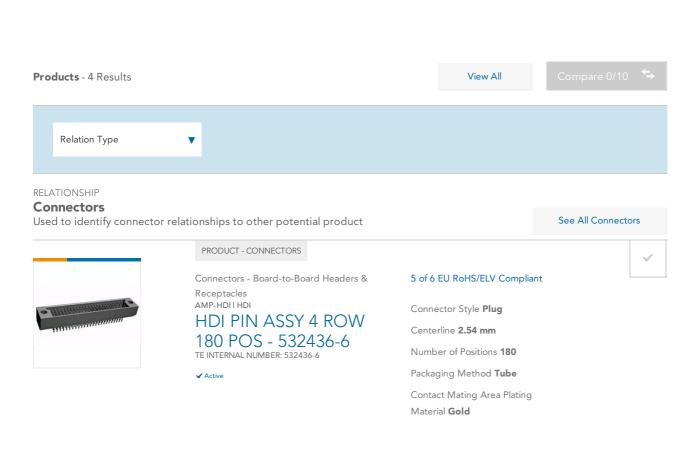
AMP-HDI High Density Interconnection Printed Circuit (PC) Board Connectors

PDF **English**  Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Connector Style	Receptacle
	PCB Mounting Orientation	Right Angle
	Row-to-Row Spacing	2.54 mm [ .1 in ]
	Product Type	Connector
	Boss	Without
	Make First / Break Last	No
Configuration Features	Number of Positions	180
	Center Guide	Without
	Number of Rows	4
	Stackable	No
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	30
	Contact Current Rating (A)	3
	Contact Type	Socket
	Contact Configuration	Four-Beam
	Solder Tail Contact Plating Material	Tin
	Contact Layout	Matrix
	Underplate Material	Nickel
	Contact Base Material	Copper Alloy
Termination Features	Termination Method to PC Board	Through Hole
	Termination Post Length	3.05 mm [ .12 in ]
Mechanical Attachment	Mating Alignment	Without
	Mating Alignment Type	Keyed
	PCB Mount Retention	Without
Housing Features	Centerline	2.54 mm [ .1 in ]
	Housing Material	Thermoplastic
	Housing Color	Natural

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Tail Length 3.04 mm [ .12 in ] Dimensions Height 11.68 mm [ .46 in ] PCB Thickness (Recommended) (in) .062 Usage Conditions Housing Material Temperature High Operating Temperature Range (°C) -65 – 125 Operation/Application Pick and Place Cover Without Assembly Process Feature None UL 94V-0 Industry Standards **UL Flammability Rating** Packaging Features Packaging Method Tube Packaging Quantity **Product Compliance** Statement of Compliance VIEW ALL PRODUCT COMPLIANCE



#### Connectors

Used to identify connector relationships to other potential product

See All Connectors



PRODUCT - CONNECTORS

Connectors - Board-to-Board Headers & Receptacles AMP-HDI | HDI

HDI PIN ASSY 4 ROW 180 POS - 532448-6

TE INTERNAL NUMBER: 532448-6

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#### Not EU RoHS or ELV Compliant

Connector Style Plug

Centerline 2.54 mm

Number of Positions 180

Packaging Method **Tube** 

Contact Mating Area Plating

Material Gold

### RELATIONSHIP

## **Connectors**

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