



BOARD-TO-BOARD HEADERS & RECEPTACLES



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**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

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
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2D_DXF.ZIP
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[3D PDF](#)

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Product Specifications

Product Specification

[Connector, Interconnect, High Density](#)

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Application Specification

[AMP-HDI Connectors](#)

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Qualification Test Report

[AMP-HDI Connectors](#)

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[AMP-HDI Connectors](#)

TIF
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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

Dimensions	Tail Length	3.04 mm [.12 in]
	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
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tube
	Packaging Quantity	4
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

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Relation Type

RELATIONSHIP

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 - 532436-6**
 TE INTERNAL NUMBER: 532436-6

Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2.54 mm**

Number of Positions **180**

Packaging Method **Tube**

Contact Mating Area Plating
 Material **Gold**

RELATIONSHIP

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

✓ Active

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

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

✓ Active

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**



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