



BOARD-TO-BOARD HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

HDI PIN ASSY 2 ROW 50 POS

AMP-HDI | HDI

532446-4

TE Internal Number: 532446-4

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Plug**

Centerline **2.54 mm [.1 in]**

Number of Positions **50**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[HDI, 2 ROW, PIN ASSEMBLY, 6.35 \[.250\] LONG ACTION PINS, .00076 \[.000030\] GOLD PLATE](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

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3D_STP.ZIP
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2D_DXF.ZIP
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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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Instruction Sheets

Instruction Sheet (U.S.)

[AMP-HDI High Density Interconnection Printed Circuit \(PC\) Board Connectors](#)

PDF

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	Plug
	PCB Mounting Orientation	Vertical
	Row-to-Row Spacing	2.54 mm [.1 in]
	Product Type	Connector
	Boss	Without
	Make First / Break Last	No
Configuration Features	Number of Positions	50
	Center Guide	Without
	Number of Rows	2
	Stackable	No
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	30
	Contact Current Rating (A)	3
	Contact Type	Pin
	Contact Configuration	Four-Beam
	Solder Tail Contact Plating Material	Tin
	Underplate Material	Nickel
	Contact Base Material	Phosphor Bronze
Termination Features	Termination Method to PC Board	Through Hole
	Termination Post Length	6.35 mm [.25 in]
Mechanical Attachment	Mating Alignment	Without
	Mating Alignment Type	Polarization
	PCB Mount Retention	With
	PCB Mount Retention Type	Action/Compliant Tail
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Material	Thermoplastic
	Housing Color	Natural

Dimensions	Mating Post Length (in)	.21
	Tail Length	6.35 mm [.25 in]
	Height	11.73 mm [.46 in]
	PCB Thickness (Recommended)	2.13 mm [.084 in]

Usage Conditions	Housing Material Temperature	High
	Operating Temperature Range (°C)	-65 – 125

Operation/Application	Pick and Place Cover	Without
	Assembly Process Feature	Board Standoff
	For Use With	Receptacle Assembly

Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Tube
	Packaging Quantity	7

Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

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