



**CONNECTORS**

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



✓ Active

TE CONNECTIVITY (TE)

## HDI PIN ASSY 2 ROW 100 POS

AMP-HDI | HDI

532430-9

TE Internal Number: 532430-9

Not EU RoHS Compliant

Not EU ELV Compliant

**Connector Style** Plug

**Number of Positions** 100

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

**Packaging Method** Tube

**Contact Mating Area Plating Material** Gold

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

**HDI, 2 ROW, PIN ASSEMBLY, 4.83 [.190] LONG SOLDER PINS**

PDF

**English**

CAD Files

**Customer View Model**

2D\_DXF.ZIP

**English**

**Customer View Model**

3D\_IGS.ZIP

**English**

## Customer View Model

3D\_STP.ZIP

English

## 3D PDF

PDF

English

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Product Specifications

Application Specification

## AMP-HDI Connectors

PDF

English

Product Specification

## Connector, Interconnect, High Density

PDF

English

Qualification Test Report

## AMP-HDI Connectors

PDF

Japanese

## AMP-HDI Connectors

PDF

English

## AMP-HDI Connectors

TIF

English

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Instruction Sheets

Instruction Sheet (U.S.)

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

PDF

English

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Agency Approvals

Agency Approval Document

## SERIES HDI CONNECTOR REPORT

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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Product Type Features

**Connector Style** Plug  
**Row-to-Row Spacing** 2.54 mm [.1 in]  
**PCB Mounting Orientation** Vertical  
**Boss** Without  
**Make First / Break Last** No  
**Product Type** Connector

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#### Configuration Features

**Stackable** No  
**Number of Positions** 100  
**Number of Rows** 2  
**Center Guide** Without

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#### Contact Features

**Solder Tail Contact Plating Material** Tin  
**Contact Configuration** Four-Beam  
**Underplate Material** Nickel  
**Contact Mating Area Plating Material** Gold  
**Contact Mating Area Plating Thickness (µin)** 30  
**Contact Current Rating (Max) (A)** 3  
**Contact Base Material** Phosphor Bronze  
**Contact Type** Pin

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#### Termination Features

**Termination Method to PC Board** Through Hole  
**Termination Post Length** 4.83 mm [.19 in]

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#### Mechanical Attachment

**Mating Alignment** Without  
**Mating Alignment Type** Polarization  
**PCB Mount Retention** Without

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#### Housing Features

**Centerline (Pitch)** 2.54 mm [.1 in]  
**Housing Material** Polyphenylene Sulfide (PPS)  
**Housing Color** Brown

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#### Dimensions

**Mating Post Length (in)** .21  
**Height** 11.73 mm [.46 in]  
**Tail Length** 4.83 mm [.19 in]  
**PCB Thickness (Recommended) (mm)** 1.57 – 3.18

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#### Usage Conditions

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

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#### Operation/Application

**Assembly Process Feature** Board Standoff  
**Pick and Place Cover** Without  
**For Use With** Receptacle Assembly

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Industry Standards

**UL Flammability Rating** UL 94V-0

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Packaging Features

**Packaging Method** Tube

**Packaging Quantity** 4

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## **PRODUCT COMPLIANCE**



Statement of Compliance

**Statement of Compliance**

PDF

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