



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

HDI PIN ASSY 4 ROW 240 POS

AMP-HDI | HDI

532448-9

TE Internal Number: 532448-9

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Plug**

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

Number of Positions **240**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

Product Drawings

[HDI, 4 ROW, PIN ASSEMBLY, 6.35 \[.250\] LONG ACTION PINS](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[3D PDF](#)

PDF
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Product Specifications

Product Specification

[Connector, Interconnect, High Density](#)

PDF
English

[Connector, Receptacle Contact, ACTION PIN](#)

PDF
English

[Connector, Receptacle Contact, ACTION PIN](#)

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[Connector, Receptacle Contact, ACTION PIN](#)

TIF
Japanese

[Connector, Receptacle Contact, ACTION PIN](#)

PDF
Japanese

Application Specification

[AMP-HDI Connectors](#)

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Qualification Test Report

[Connector, Receptacle Contact, ACTION PIN](#)

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Japanese

[Connector, Receptacle Contact, ACTION PIN](#)

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English

[Connector, Receptacle Contact, ACTION PIN](#)

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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 | 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 | 240 |
| 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 | Pin |
| Contact Configuration | Four-Beam |
| Solder Tail Contact Plating Material | Tin |
| Contact Layout | Matrix |
| 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 |
|------------------|----------------|

| | | |
|-----------------------|--|-----------------------|
| Mechanical Attachment | Mating Alignment | Without |
| | Mating Alignment Type | Keyed |
| | PCB Mount Retention | With |
| | PCB Mount Retention Type | Action/Compliant Tail |
| Housing Features | Centerline | 2.54 mm [.1 in] |
| | Housing Material | Thermoplastic |
| | Housing Color | Black |
| Dimensions | Mating Post Length (in) | .21 |
| | Tail Length | 6.35 mm [.25 in] |
| | Height | 11.73 mm [.462 in] |
| | PCB Thickness (Recommended) | 2.13 mm [.093 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 |
| Industry Standards | UL Flammability Rating | UL 94V-0 |
| Packaging Features | Packaging Method | Tube |
| | Packaging Quantity | 3 |
| Product Compliance | Statement of Compliance PDF | |
| | VIEW ALL PRODUCT COMPLIANCE | |

Products - 2 Results

[View All](#)

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Relation Type



RELATIONSHIP

Connectors

Used to identify connector relationships to other potential product

[See All Connectors](#)



CONNECTORS

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

**HDI RECP ASSY 4 ROW
240 POS - 598009-2**
TE INTERNAL NUMBER: 598009-2

✓ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **2.54 mm**

Number of Positions **240**

Packaging Method **Package**

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 RECP ASSY 4 ROW
240 POS - 532434-9**
TE INTERNAL NUMBER: 532434-9

✓ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **2.54 mm**

Number of Positions **240**

Packaging Method **Tube**

Contact Mating Area Plating

Material **Gold**

