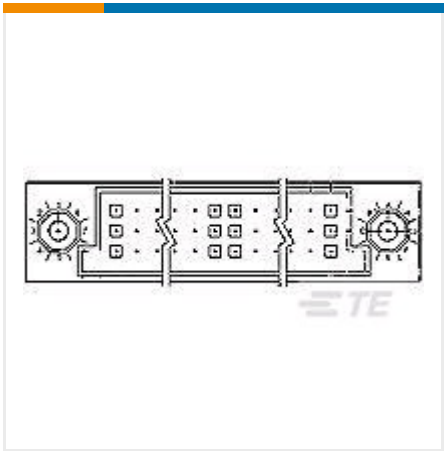




+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
HDI PIN ASSY 3 ROW 96 POS

AMP-HDI | HDI

532433-3
TE Internal Number: 532433-3

Not EU RoHS Compliant
Not Yet Reviewed for EU ELV

Connector Style Plug
Number of Positions 96
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, 3 ROW, PIN ASSEMBLY, 4.83 [.190] LONG SOLDER PINS

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

PDF

English

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

Instruction Sheets

Instruction Sheet (U.S.)

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

PDF

English

Agency Approvals

Agency Approval Document

SERIES HDI CONNECTOR REPORT

PDF

English

FEATURES



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

Configuration Features

Stackable No
Number of Positions 96
Number of Rows 3
Center Guide Without

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 Layout Matrix
Contact Base Material Phosphor Bronze
Contact Type Pin

Termination Features

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

Mechanical Attachment

Mating Alignment Without
Mating Alignment Type Keyed
PCB Mount Retention Without

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
Housing Material Thermoplastic
Housing Color Black

Dimensions

Height 11.73 mm [.46 in]
Tail Length 4.83 mm [.19 in]
Mating Post Length (mm) 5.33
PCB Thickness (Recommended) 1.57 – 3.18 mm [.062 – .125 in]

Usage Conditions

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

Operation/Application

Assembly Process Feature Board Standoff
Pick and Place Cover Without

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tube

Packaging Quantity 5

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF