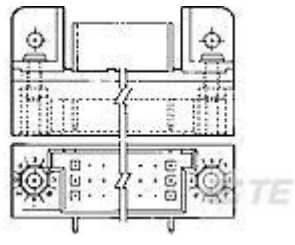
TE Connectivity: Every Connection Counts
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CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✔ Active

TE CONNECTIVITY (TE)

HDI PIN ASSY 3 ROW 90 POS R/A

AMP-HDI | HDI

533288-2
TE Internal Number: 533288-2

Not EU RoHS Compliant
Not Yet Reviewed for EU ELV

Connector Style Plug

Number of Positions 90

Centerline (Pitch) 2.54 mm [.1 in]

Packaging Method Tube

Contact Mating Area Plating Material Gold

PRODUCT DRAWING
English

DOCUMENTATION

Product Drawings

ASSY, HDI, 3 ROW, RIGHT ANGLE PIN 3.05 [.120] LONG SOLDER TAILS
PDF
English

Product Specifications

Application Specification

AMP-HDI Connectors
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

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 Right Angle
Boss Without
Make First / Break Last No
Product Type Connector

Configuration Features

Stackable No
Number of Positions 90
Number of Rows 3
Center Guide Without

Contact Features

Solder Tail Contact Plating Material Tin
Contact Configuration Four-Beam
Underplate Material Nickel
Contact Shape Square
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 3.05 mm [.12 in]

Mechanical Attachment

Mating Alignment Without
Mating Alignment Type Keyed
PCB Mount Retention Without
PCB Mount Retention Type Mounting Holes

Housing Features

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

Dimensions

Mating Post Length (in) .21
Height 12.19 mm [.48 in]
Tail Length 3.04 mm [.12 in]
PCB Thickness (Recommended) 1.57 mm [.062 in]

Usage Conditions

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

Operation/Application

Assembly Process Feature None
Pick and Place Cover Without
For Use With Receptacle Assembly

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tube
Packaging Quantity 6

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF
