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5532436-7

PCB Mount Header, Vertical, Board-to-Board, 200 Position, 2.54mm [.1in] Centerline, Gold, Printed Circuit Board, Contact Current Rating (Max) 3 A



AMP-HDI

TE Internal #: **5532436-7**

TE Internal Description:

ASSY,PIN,VERTICAL,HDI,LEAD-FRE

PCB Connector Assembly Type : **PCB Mount Header**

PCB Mount Orientation : **Vertical**

Connector System : **Board-to-Board**

Number of Positions : **200**

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

[Digital Datasheet](#)

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Documents

Features

Product Compliance

Product Drawings

ASSY,PIN,VERTICAL,HDI,LEAD-FRE

[ASSY,PIN,VERTICAL,HDI,LEAD-FRE](#)

English

CAD Files

3D PDF

[3D_CVM_CVM_5532436-7_B.pdf](#)

3D

Customer View Model

[ENG_CVM_CVM_5532436-7_B.2d_dxf.zip](#)

English

[ENG_CVM_CVM_5532436-7_B.3d_igs.zip](#)

English

[ENG_CVM_CVM_5532436-7_B.3d_stp.zip](#)

English

Product Specifications

Application Specification

[ENG_SS_114-9008_B.pdf](#)

English

Product Specification

[ENG_SS_108-9063_D.pdf](#)

English

Qualification Test Report

[ENG_SS_501-48_O.pdf](#)

English



AMP-HDI Connectors

 [S_501-48_O.tif](#)

English

Qualification Test Report

 [JPN_SS_501-48_O.pdf](#)

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

 [ENG_SS_408-9007_A.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

PCB Connector Assembly Type : **PCB Mount Header**

Connector System : **Board-to-Board**

Sealable : **No**

Connector & Contact Terminates To : **Printed Circuit Board**

Configuration Features

Number of Rows : **4**

PCB Mount Orientation : **Vertical**

Number of Positions : **200**

Electrical Characteristics

Insulation Resistance (MΩ): **4**

Contact Features

Contact Base Material : **Copper Alloy**

PCB Contact Termination Area Plating Material : **Tin**

Contact Shape & Form : **Four Beam**

PCB Contact Termination Area Plating Material Thickness :
.1 μm [3.937 μin]

Contact Mating Area Plating Material : **Gold**

Contact Mating Area Plating Material Thickness :
.76 μm [29.9212 μin]

Contact Type : **Pin**

Contact Current Rating (Max) (A): **3**

Contact Layout : **Matrix**

Termination Features

Termination Post & Tail Length : **4.83 mm [.19 in]**

Termination Method to Printed Circuit Board :
Through Hole - Solder

Mechanical Attachment

Mating Alignment : **Without**

PCB Mount Retention : **Without**

PCB Mount Alignment : **Without**

Connector Mounting Type : **Board Mount**

Housing Features

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

Housing Color : **Black**

Housing Material : **Thermoplastic**

Dimensions	Connector Height : 11.73 mm [.461 in] PCB Thickness (Recommended) : 2.36 mm [.76 in]
Usage Conditions	Operating Temperature Range : -65 – 125 °C [-85 – 257 °F] Housing Temperature Rating : High
Operation/Application	Circuit Application : Signal
Industry Standards	UL Flammability Rating : UL 94V-0
Packaging Features	Packaging Quantity : 4 Packaging Method : Tube
Statement of Compliance	Statement of Compliance pdf

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