English

Connector, CHAMP, 050, Board-To-Board, Vertical and Right Angle Mounting

▲ S_108-1367_B.tif

English

Product Specification

L ENG_SS_108-1367_B.pdf

English

Qualification Test Report

LNG_SS_501-173_A.pdf

English

Connector, CHAMP, 050, Board To Board, Vertical & Rt Angle Mounting

L S_501-173_A.tif

English

Qualification Test Report

▲ JPN_SS_501-173_A.pdf

Japanese

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 Receptacle

Connector System: Board-to-Board

Sealable: No

Connector & Contact Terminates To: Printed Circuit Board

Configuration Features

Stackable : **No**Number of Rows : **4**

PCB Mount Orientation : Vertical

Number of Positions: 68

Electrical Characteristics Operating Voltage (VAC): **250** Insulation Resistance (M Ω): **4**

Dielectric Withstanding Voltage (Max) (VAC): 750

Body Features

Connector Profile : Standard

PCB Retention Feature Plating Material:

Tin-Copper over Nickel

PCB Retention Feature Material: Brass

Contact Features

Contact Base Material: Phosphor Bronze

PCB Contact Termination Area Plating Material: **Tin** Contact Mating Area Plating Material Finish: **Matte**

PCB Contact Termination Area Plating Material Finish: **Matte** PCB Contact Termination Area Plating Material Thickness:

3.8 µm [149.606 µin]

Contact Mating Area Plating Material: **Gold Flash** Contact Mating Area Plating Material Thickness:

.76 µm [30 µin]

Contact Type : **Socket**

Contact Current Rating (Max) (A): 1

Contact Layout : Matrix







Termination Features

Termination Post & Tail Length: **2.54 mm [.1 in]**Termination Method to Printed Circuit Board:

Through Hole - Solder

Mechanical Attachment PCB Mount Retention Type: Boardlock, Retention Leg

Mating Alignment : With

Mating Alignment Type: **Polarized**PCB Mount Retention: **With**PCB Mount Alignment: **With**

Connector Mounting Type: **Board Mount**PCB Mount Alignment Type: **Locating Posts**

Housing Features

Centerline (Pitch): 1.27 mm [.05 in]

Housing Material: Matte

Dimensions

Connector Height: 10 mm [.393 in]

Row-to-Row Spacing: 1.904 mm [.0748 in]

PCB Thickness (Recommended): .8 - 1.6 mm [.76 in]

Usage Conditions

Operating Temperature Range: -55 - 85 °C [-67 - 185 °F]

Operation/Application Assembly Process Feature: None

Circuit Application : Signal

Industry Standards UL Flammability Rating : **UL 94V-0**

Packaging Features Packaging Quantity: **54**Packaging Method: **Package**

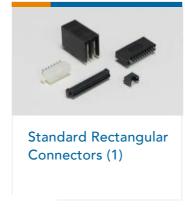
Statement of Compliance

Statement of Compliance pdf

Also in the Series | CHAMP .050 Series |



Board-to-Board Headers & Receptacles (126)



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