



English

Product Specification

 [ENG_SS_108-57896_A.pdf](#)

English

Qualification Test Report

 [ENG_SS_501-118018_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

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

Sealable : **No**

Connector & Contact Terminates To : **Wire & Cable**

Configuration Features

Stackable : **No**

Number of Rows : **2**

PCB Mount Orientation : **Vertical**

Number of Positions : **68**

Electrical Characteristics

Operating Voltage (VDC): **12**

Insulation Resistance (MΩ): **2**

Dielectric Withstanding Voltage (Max) (VAC): **500**

Contact Features

Contact Base Material : **Phosphor Bronze**

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

PCB Contact Termination Area Plating Material Thickness :
3.81 μm [149.9997 μin]

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

Contact Mating Area Plating Material Thickness :
1.27 μm [50 μin]

Contact Type : **Socket**

Termination Features

Termination Method to Printed Circuit Board : **Surface Mount**

Mechanical Attachment

Mating Alignment : **With**

Mating Alignment Type : **Polarized**

PCB Mount Retention : **Without**

PCB Mount Alignment : **With**

Connector Mounting Type : **Cable Mount (Free-Hanging)**

PCB Mount Alignment Type : **Post Polarization**

Housing Features

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

Housing Material : **Polyester**

Dimensions

Connector Height : **15.27 mm [.6001 in]**

PCB Thickness (Recommended) : **1.42 – 1.72 mm [1.27 in]**

Usage Conditions	Operating Temperature Range : -35 – 85 °C [-31 – 185 °F] Housing Temperature Rating : High
Operation/Application	Assembly Process Feature : None Circuit Application : Signal
Industry Standards	UL Flammability Rating : UL 94V-0
Packaging Features	Packaging Quantity : 50 Packaging Method : Tube
Statement of Compliance	Statement of Compliance pdf

Also in the Series | [CHAMP .050 Series I](#)



[Board-to-Board Headers & Receptacles \(126\)](#)



[Standard Rectangular Connectors \(1\)](#)