

Search by part # or keyword 

Products

Industries &
Solutions

Resources

Shop TE

Sign In

[Connectors](#) > [PCB Connectors](#) > [Board-To-Board Connectors](#) > [Board-To-Board Headers & Receptacles](#)

5179656-2

CHAMP .050 Series I, PCB Mount Header, Vertical, Board-to-Board, 60 Position, 1.27mm [.05in]
Centerline, Gold, Printed Circuit Board

CHAMP | CHAMP .050 Series I

TE Internal #: **5179656-2**TE Internal Description: **AMP FH SMT PLUG
ASSY 60P**PCB Connector Assembly Type : **PCB Mount
Header**PCB Mount Orientation : **Vertical**Connector System : **Board-to-Board**Number of Positions : **60**Centerline (Pitch) : **1.27 mm [.05 in]**[Similar Products](#) |  [Digital Datasheet](#)

ORDER SAMPLES

[Compatible Parts & Tooling](#)**We are here to help!**

Get in touch with our product experts.



CHAT WITH US



EMAIL US



CALL US

Documents

Features

Product Compliance

Product Drawings

AMP FH SMT PLUG ASSY 60P

 [AMP FH SMT PLUG ASSY 60P](#)

English

CAD Files

Customer View Model

 [ENG_CVM_5179656-2_O.2d_dxf.zip](#)

English

Customer View Model

 [ENG_CVM_5179656-2_O.3d_igs.zip](#)

English

 [ENG_CVM_5179656-2_O.3d_stp.zip](#)

English

 [ENG_CVM_5179656-2_O.pdf](#)

English

Product
SpecificationsCrimping of AMP 2.0mm Pitch, CT Crimp Typell Rec
Contact [S_114-5179_B1.tif](#)

English

Application Specification

 [ENG_SS_114-5179_B1.pdf](#)

English

Feedback



Product Specification
[ENG_SS_108-60042_O.pdf](#)
English

Product
Environmental
Compliance

TE Material Declaration
[ENG_PC_MD_5179656-2_C.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

Stackable : **No**
Number of Rows : **2**
PCB Mount Orientation : **Vertical**
Number of Positions : **60**

Electrical
Characteristics

Operating Voltage (VAC): **250**
Insulation Resistance (MΩ): **2**
Dielectric Withstanding Voltage (Max) (VAC): **500**

Contact Features

Contact Base Material : **Copper Alloy**
PCB Contact Termination Area Plating Material : **Tin**
PCB Contact Termination Area Plating Material Thickness (μm):
1
Contact Mating Area Plating Material : **Gold**
Contact Mating Area Plating Material Thickness :
.3 μm [11.81 μin]
Contact Type : **Pin**
Contact Current Rating (Max) (A): **1**

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 : **Board Mount**
PCB Mount Alignment Type : **Post Polarization**

Housing Features

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

Dimensions

Connector Height : **7 mm [.2751 in]**
PCB Thickness (Recommended) (in): **.3**

Usage Conditions	Operating Temperature Range : -55 – 85 °C [-67 – 185 °F] Housing Temperature Rating : High
Operation/Application	Circuit Application : Signal
Industry Standards	UL Flammability Rating : UL 94V-0
Packaging Features	Packaging Quantity : 40 Packaging Method : Tray
Statement of Compliance	Statement of Compliance pdf

Products with Similar Specs

[View All Similar Products](#)

THIS PRODUCT

BOARD-TO-BOARD HEADERS &...

5179656-2

CHAMP .050 Series I, PCB Mount Header, Vertical, Board-to-Board...



ETE

Non-Stocked

PCB Connector Assembly Type :
PCB Mount Header

PCB Mount Orientation : **Vertical**

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

Number of Positions : **60**

Centerline (Pitch) : **1.27 mm**

TOP RESULTS ?

BOARD-TO-BOARD HEADERS &...

5179656-3

CHAMP .050 Series I, PCB Mount Header, Vertical, Board-to-Board...



ETE

Non-Stocked

PCB Connector Assembly Type :
PCB Mount Header

PCB Mount Orientation : **Vertical**

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

Number of Positions : **80**

Centerline (Pitch) : **1.27 mm**

BOARD-TO-BOARD HEADERS &...

5917631-1

CHAMP .050 Series I, PCB Mount Header, Vertical, Board-to-Board...



ETE

In-Stock

PCB Connector Assembly Type :
PCB Mount Header

PCB Mount Orientation : **Vertical**

Downloaded from [Arrow.com](https://www.arrow.com)

Board

Number of Positions : **40**

Centerline (Pitch) : **1.27 mm**

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



Board-to-Board
Headers &
Receptacles (126)



Standard Rectangular
Connectors (1)

[ABOUT TE CONNECTIVITY](#)

[FOR PARTNERS](#)

[SUPPORT](#)

[CALL US](#)

[LIVE CHAT](#)

[UNITED STATES \(EN\)](#)