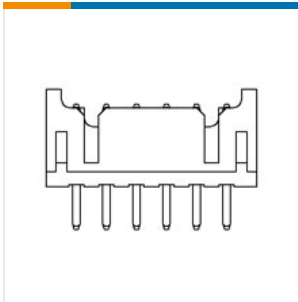




# BOARD-TO-BOARD HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## 2.0mm Pitch Header, Dip 14p

Buchanan | AMPMODU

1-1470109-4

TE Internal Number: 1-1470109-4

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2 mm [ .079 in ]**

Number of Positions **14**

Packaging Method **Loose Piece**

Contact Mating Area Plating Material **Tin**

### Product Drawings

#### 2.0MM PITCH HEADER, DIP, VERTICAL TYPE

PDF (TIFF AVAILABLE)  
English

#### 2.0MM PITCH HEADER, DIP, VERTICAL TYPE

PDF (TIFF AVAILABLE)  
English

### CAD Files

#### Customer View Model

2D\_DXF.ZIP  
English

#### 3D PDF

PDF  
3D

#### Customer View Model

3D\_IGS.ZIP  
English

#### Customer View Model

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

#### AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION3AND4

PDF  
English

### Product Specifications

#### Product Specification

#### AMP 2.0mm PITCH EMIX Economic Metric Interconnect Series, Wire-To-Board System.

TIF  
English

#### AMP 2.0mm PITCH EMIX Economic Metric Interconnect Series, Wire-To-Board System.

PDF  
English

#### Qualification Test Report

#### AMP 2.0mm PITCH EMIX Economic Metric Interconnect Series, Wire-To-Board System.

TIF  
English

AMP 2.0mm PITCH EMIX Economic Metric Interconnect Series, Wire-To-Board System.

PDF  
English

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Product Environmental Compliance

TE Material Declaration

[MD\\_1-1470109-4\\_080420151326\\_dmtec](#)

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.

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Product Type Features	Connector Style	<b>Plug</b>
	PCB Mounting Orientation	<b>Vertical</b>
	Row-to-Row Spacing	<b>2 mm [ .079 in ]</b>
	Product Type	<b>Connector</b>
	Applies To	<b>Printed Circuit Board</b>
	Boss	<b>Without</b>
	Series	<b>AMPMODU</b>
	Connector Type	<b>Header</b>

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Configuration Features	Number of Positions	<b>14</b>
	Cover	<b>Without</b>
	Post Numbers Omitted	<b>None</b>
	Number of Rows	<b>2</b>
	Selectively Loaded	<b>No</b>

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Electrical Characteristics	Insulation Resistance (MΩ)	<b>5000</b>
	Dielectric Withstanding Voltage (VAC)	<b>750</b>
	Voltage (VDC)	<b>100</b>

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Body Features	Header Type	<b>Solid</b>
	Post Size	<b>.5 mm [ .02 in ]</b>

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Contact Features	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Thickness (µm)	<b>100</b>
	Contact Shape	<b>Square</b>
	Contact Current Rating (A)	<b>3</b>
	Contact Type	<b>Pin</b>
	Contact Protection Type	<b>Shrouded</b>

	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Contact Layout	<b>Inline</b>
	Solder Tail Contact Plating Thickness (µin)	<b>100</b>
	Contact Base Material	<b>Brass</b>
Termination Features	Termination Method to PC Board	<b>Through Hole</b>
	Termination Post Length	<b>3 mm [ .118 in ]</b>
Mechanical Attachment	Mating Alignment Type	<b>Keyed</b>
	PCB Mount Retention	<b>Without</b>
Housing Features	Centerline	<b>2 mm [ .079 in ]</b>
	Housing Material	<b>High Temperature Thermoplastic</b>
	Housing Color	<b>Natural</b>
Dimensions	Mating Post Length (mm)	<b>3</b>
	Mating Post Length (in)	<b>.1, .138</b>
	Height (mm)	<b>6.5</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-25 – 85</b>
Operation/Application	Pick and Place Cover	<b>Without</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LR7189, UL E28476</b>
Packaging Features	Packaging Method	<b>Loose Piece</b>
Product Compliance	<a href="#">Statement of Compliance</a> PDF <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

Products - 3 Results

[View All](#)

Compare 0/10



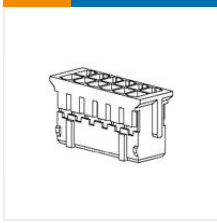
Relation Type ▼

RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



### PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector

Housings

HPI | HPI

## 2.0mm Pitch Crimp

## Housing 14p

### - 1-1470107-4

TE INTERNAL NUMBER: 1-1470107-4

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **14**

Number of Rows **2**

Row-to-Row Spacing **2 mm**

Color **White**

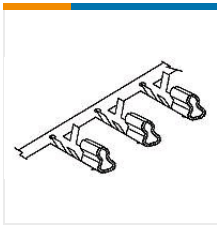


RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



### PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector

Contacts

HPI | HDR

## 2.0mm Pitch Crimp

## Contact - 1470106-1

TE INTERNAL NUMBER: 1470106-1

ALIAS ID: CU1543-000, POM-2MM-PTCH-CRMP-CONTACT

✓ Active

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Centerline **2 mm**

Wire/Cable Size **28 – 22 AWG**

Contact Mating Area Plating

Material **Tin**

Contact Current Rating **3 A**

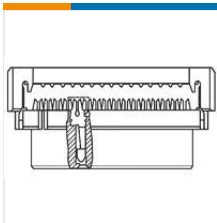


RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



### PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors

AMP-LATCH | AMP-LATCH

## 14, 2MM, 30 DP, LEAD

## FREE - 1-111626-8

TE INTERNAL NUMBER: 1-111626-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Termination Method to

Wire/Cable **Insulation**

**Displacement Crimp (IDC)**

Shrouded **Yes**

Row-to-Row Spacing **2.54 mm**

Number of Positions **14**

