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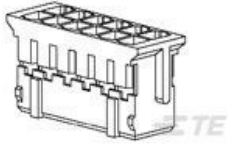
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# 1-1470107-0

2.0MM PITCH CRIMP HOUSING 10P



HPI

TE Internal #: **1-1470107-0**

TE Internal Description: **2.0MM PITCH CRIMP HOUSING 10P**

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

Number of Positions : **10**

Centerline (Pitch) : **2 mm [ .079 in ]**

Termination Method to Wire & Cable : **Crimp**

Number of Rows : **2**

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### Compatible Parts & Tooling

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Feedback

#### Documents

#### Features

#### Product Compliance

#### Product Drawings

2.0MM PITCH CRIMP HOUSING 10P

[↓ 2.0MM PITCH CRIMP HOUSING 10P](#)

**(TIFF AVAILABLE)** English

#### CAD Files

3D PDF

[↓ 3D\\_CVM\\_CVM\\_1-1470107-0\\_A.pdf](#) 3D

Customer View Model

[↓ ENG\\_CVM\\_CVM\\_1-1470107-0\\_A.3d\\_igs.zip](#)

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English

#### Datasheets & Catalog Pages

1-1773713-2\_HIGH\_PERFORMANCE\_INTERCONNECT\_QUICK\_REFERENCE\_GUIDE\_EN

[↓ ENG\\_DS\\_1-1773713-2\\_HPI\\_QRG\\_EN\\_0114\\_1-1773713-2HPI\\_Connectors\\_0114.pdf](#) English

#### Product Specifications

Product Specification

[↓ ENG\\_SS\\_108-57217\\_A1.pdf](#) English

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

[↓ S\\_501-57218\\_A.tif](#) English

Product  
Environmental  
Compliance

TE Material Declaration

[ENG\\_PC\\_MD\\_1-1470107-0\\_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-Wire**  
Row-to-Row Spacing : **2 mm [ .0786 in ]**  
Sealable : **No**  
Connector & Contact Terminates To : **Wire & Cable**  
Strain Relief : **Without**  
Connector Type : **Housing**  
Product Type : **Connector**  
Connector Style : **Receptacle**

Configuration  
Features

Number of Positions : **10**  
Number of Rows : **2**

Electrical  
CharacteristicsOperating Voltage : **100 VDC**

## Body Features

Color : **White**

## Contact Features

Contact Base Material : **Copper Alloy**  
Contact Current Rating (Max) (A): **3**  
Contact Type : **Socket**

Termination  
FeaturesTermination Method to Wire & Cable : **Crimp**Mechanical  
Attachment

PCB Mount Retention : **Without**  
Panel Mount Feature : **Without**  
Mating Connector Lock : **Without**  
Mating Retention : **With**  
Mating Retention Type : **Latch**  
Connector Mounting Type : **Cable Mount (Free-Hanging)**  
Mating Alignment : **With**  
Locking Interface : **Without**  
Mating Alignment Type : **Polarization**

## Housing Features

Centerline (Pitch) : **2 mm [ .079 in ]**  
Housing Configuration : **Both Ends Closed**  
Housing Material : **Thermoplastic**  
Housing Color : **White**



## Dimensions

Wire Size (mm<sup>2</sup>): **.081 – .326**

Wire Size (AWG): **28 – 22**

Length : **12 mm [ .472 in ]**

Height : **5.1 mm [ .2 in ]**

Width : **.291 in, 7.4 mm**

## Usage Conditions

Operating Temperature Range : **-25 – 85 °C [ -13 – 185 °F ]**

## Operation/Application

Circuit Application : **Power & Signal**

For Use With : **1470109-x- 1470108-x**

## Industry Standards

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

## Packaging Features

Packaging Method : **Bag**

Packaging Quantity : **1000**

## EU RoHS Directive 2011/65/EU

*This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).*

## EU ELV Directive 2000/53/EC

## China RoHS 2 Directive MIIT Order No 32, 2016

## EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: **JAN 2019 (197)**

Candidate List Declared Against: **JUN 2018 (191)**

## Halogen Content

## Solder Process Capability

Not lead free process capable

## Statement of Compliance

[Statement of Compliance pdf](#)

## Compliance Documents

There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

## Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current

actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

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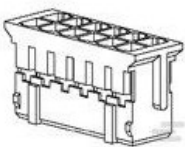
### THIS PRODUCT

### TOP RESULTS

WIRE-TO-BOARD CONNECTOR...

**1-1470107-0**

2.0MM PITCH CRIMP HOUSING 10P



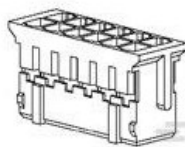
**In-Stock**

Connector System : **Wire-to-Wire**  
 Number of Positions : **10**  
 Centerline (Pitch) : **2 mm**  
 Termination Method to Wire & Cable : **Crimp**  
 Number of Rows : **2**

WIRE-TO-BOARD CONNECTOR...

**1470107-8**

2.0MM PITCH CRIMP HOUSING 8P



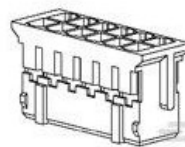
**Non-Stocked**

Connector System : **Wire-to-Wire**  
 Number of Positions : **8**  
 Centerline (Pitch) : **2 mm**  
 Termination Method to Wire & Cable : **Crimp**  
 Number of Rows : **2**

WIRE-TO-BOARD CONNECTOR...

**1-1470107-8**

2.0MM PITCH CRIMP HOUSING 18P



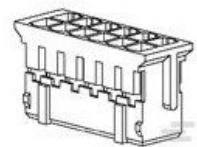
**Non-Stocked**

Connector System : **Wire-to-Wire**  
 Number of Positions : **18**  
 Centerline (Pitch) : **2 mm**  
 Termination Method to Wire & Cable : **Crimp**  
 Number of Rows : **2**

WIRE-TO-BOARD CONNECTOR...

**2-1470107-4**

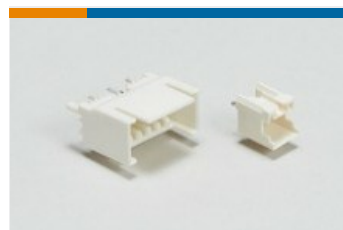
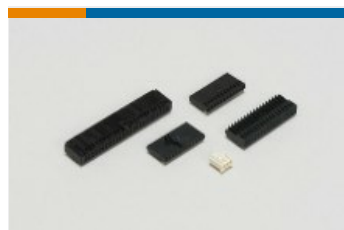
2.0MM PITCH CRIMP HOUSING 24P



**Non-Stocked**

Connector System : **Wire-to-Wire**  
 Number of Positions : **24**  
 Centerline (Pitch) : **2 mm**  
 Termination Method to Wire & Cable : **Crimp**  
 Number of Rows : **2**

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