

**4-87232-0**

x OBSOLETE

**AMPMODU | AMPMODU Headers**

TE Internal #: 4-87232-0

TE Internal Description: 40 MODII HDR SRRA UNSHRD .100

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Connectors &gt; PCB Connectors &gt; PCB Headers &amp; Receptacles

PCB Connector Assembly Type: **PCB Mount Header**PCB Mount Orientation: **Right Angle**Connector System: **Board-to-Board**Number of Positions: **40**Number of Rows: **1**

## Features

### Usage Conditions

Housing Temperature Rating	Standard
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### Dimensions

PCB Thickness (Recommended)	1.4 mm[.055 in]
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### Electrical Characteristics

Insulation Resistance	5000 MΩ
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Dielectric Withstanding Voltage (Max)	750 Vrms
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### Packaging Features

Packaging Quantity	25
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Packaging Method	Tray
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### Industry Standards

Compatible With Agency/Standards Products	UL, CSA
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UL Rating	Recognized
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Compatible With Approved Standards Products	UL E28476, CSA LR7189
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UL Flammability Rating	UL 94V-0
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### Termination Features

Termination Post & Tail Length	2.79 mm[.11 in]
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Square Termination Post & Tail Dimension	.64 mm[.025 in]
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Termination Method to PCB	Through Hole - Solder
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### Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.76 $\mu\text{m}$ [30 $\mu\text{in}$ ]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Gold Flash
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	3 A

#### Housing Features

Housing Material	Nylon-GF
Centerline (Pitch)	2.54 mm[.1 in]

#### Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Perpendicular
PCB Mount Orientation	Right Angle
Number of Positions	40
Number of Rows	1

#### Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Unshrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

#### Body Features

Primary Product Color	Black
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#### Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

#### Operation/Application

## Circuit Application

## Signal

## Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Compliant

China RoHS 2 Directive MIIT Order No 32, 2016

No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024  
(241)Candidate List Declared Against: JUNE  
2023 (235)

Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in  
other sources.

Solder Process Capability

Wave solder capable to 240°C

## Product Compliance 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>

Also in the Series | **AMPMODU Headers**

Automotive Headers(3)



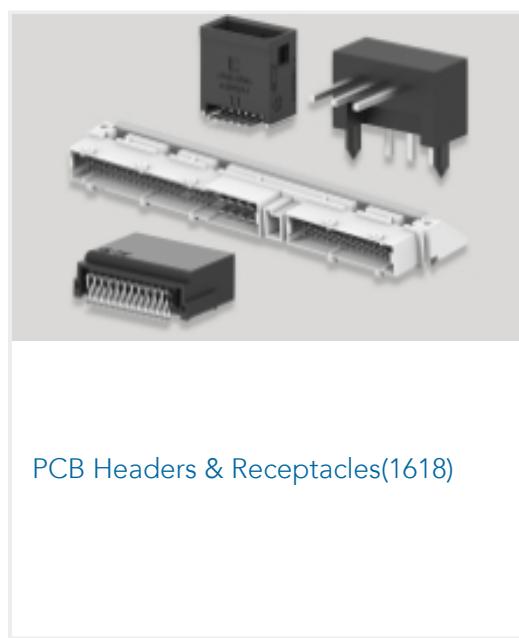
Board-to-Board Headers &amp; Receptacles(1571)



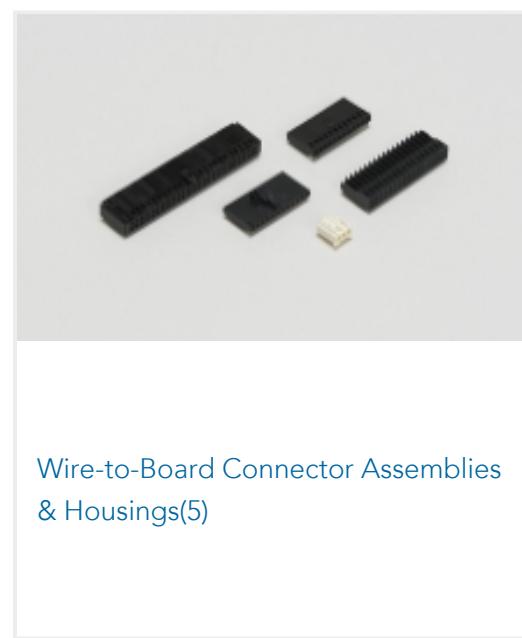
Connector Contacts(52)



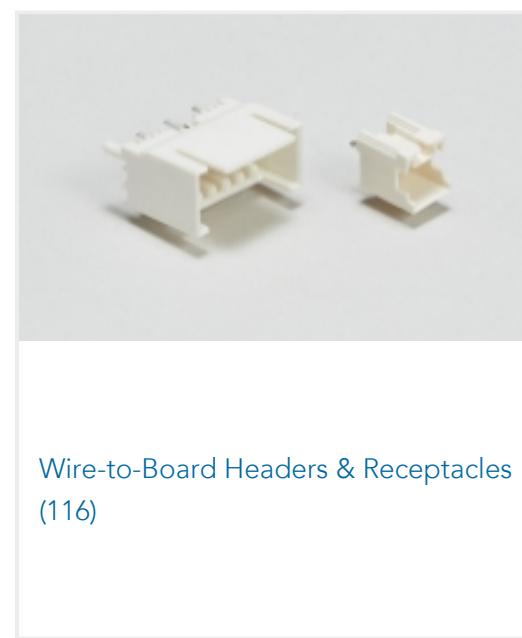
Connector Hardware(1)



PCB Headers &amp; Receptacles(1618)



Wire-to-Board Connector Assemblies &amp; Housings(5)



Wire-to-Board Headers &amp; Receptacles (116)

## Customers Also Bought

TE Part #2172034-1  
MINI USB B, RCPT, R/A, T/H, PBT, Tray

## Documents

### CAD Files

Customer View Model

[ENG\\_CVM\\_4-87232-0\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_4-87232-0\\_H.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_4-87232-0\\_H.2d\\_dxf.zip](#)

English

### 3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5](#)

English