

102567-1 ✓ ACTIVE

## AMPMODU | AMPMODU Headers

TE Internal #: 102567-1

PCB Mount Header, Vertical, Board-to-Board, 12 Position, 2.54 mm

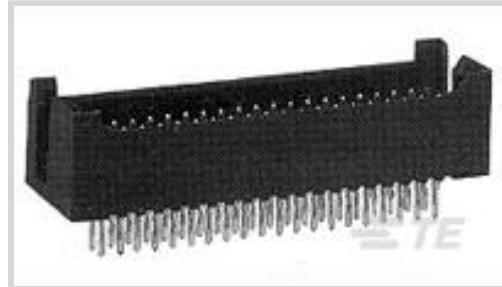
[.1 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder,

AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **12**

Number of Rows: **2**

## Features

### Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	12
Number of Rows	2
Board-to-Board Configuration	Parallel

### Electrical Characteristics

Termination Resistance	12 mΩ
Operating Voltage	250 VAC

### Body Features

Primary Product Color	Black
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### Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
	100 µin
PCB Contact Termination Area Plating Material Finish	Bright

## Contact Shape &amp; Form

Square

PCB Contact Termination Area Plating Material

Tin-Lead

Contact Base Material

Copper Alloy

Contact Mating Area Plating Material

Gold

Contact Mating Area Plating Material Thickness

.381 µm[15 µin]

Contact Type

Pin

Contact Current Rating (Max)

3 A

## Termination Features

Square Termination Post &amp; Tail Dimension

.64 mm[.025 in]

Termination Post &amp; Tail Length

4.57 mm[.18 in]

Termination Method to Printed Circuit Board

Through Hole - Solder

## Mechanical Attachment

Mating Retention

Without

Mating Alignment

With

Mating Alignment Type

Guide Pins

PCB Mount Retention

Without

PCB Mount Alignment

Without

Connector Mounting Type

Board Mount

## Housing Features

Centerline (Pitch)

2.54 mm [.1 in]

Housing Material

Thermoplastic

## Dimensions

Connector Height

13.97 mm [.55 in]

Row-to-Row Spacing

2.54 mm [.1 in]

Stack Height

11.43 mm [.45 in]

PCB Thickness (Recommended)

1.4 mm [.055 in]

## Usage Conditions

Operating Temperature Range

-65 - 105 °C [-85 - 221 °F]

## Operation/Application

Solder Process Feature

Board Standoff

Circuit Application

Signal

## Industry Standards

Compatible With Approved Standards Products

CSA LR7189, UL E28476

UL Flammability Rating

UL 94V-0

**Packaging Features**

Packaging Quantity

80

Packaging Method

Tube

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

EU RoHS Directive 2011/65/EU

Not Compliant

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2024  
(240)Candidate List Declared Against: JAN 2024  
(240)

SVHC &gt; Threshold:

Pb (13% in Component Part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

BFR/CFR/PVC Free, but Br/Cl &gt;900 ppm in other sources.

Solder Process Capability

Wave solder capable to 240°C

**Product Compliance Disclaimer**

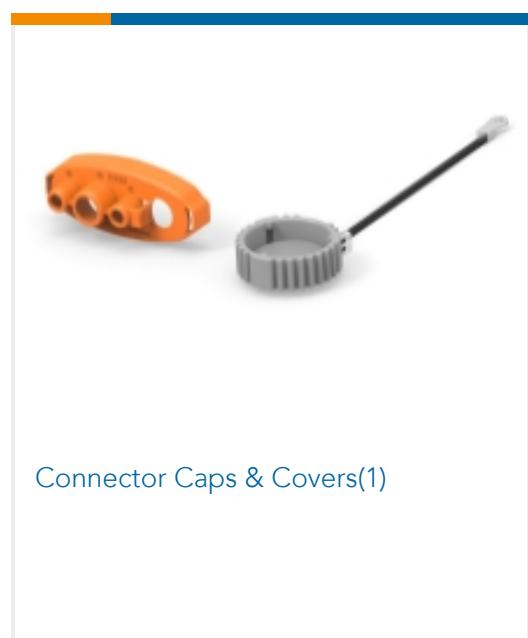
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

**Compatible Parts**

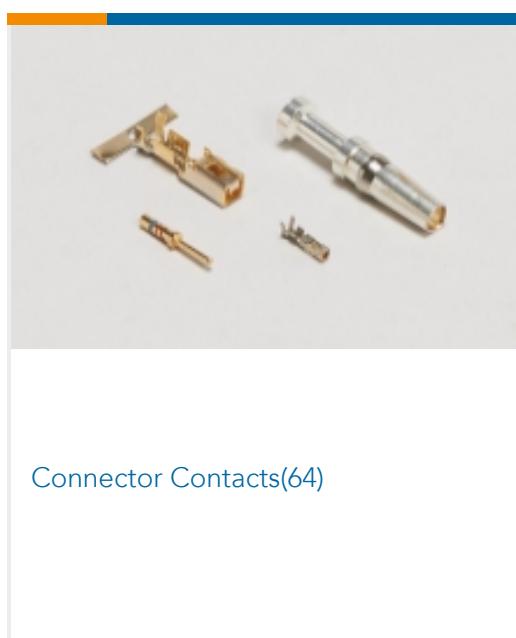
TE Part # 532955-1  
12 MODII 2PC CE RCPT ASSYTE Part # 534975-5  
12 MODII 2PC DR CE RECPT ASSY

## Also in the Series

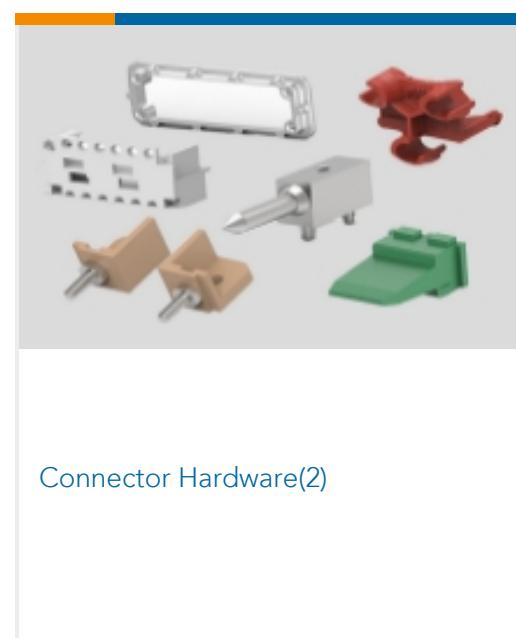
## AMPMODU Headers



Connector Caps &amp; Covers(1)



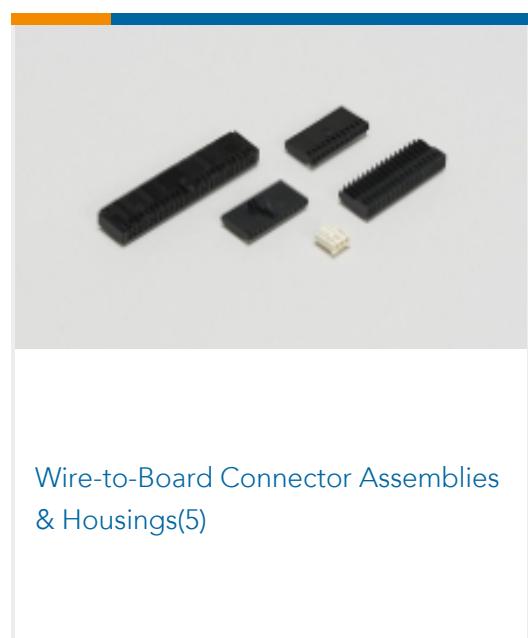
Connector Contacts(64)



Connector Hardware(2)



PCB Headers &amp; Receptacles(4349)



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

## Customers Also Bought

TE Part # 641215-6  
06P MTA100 HDR ASSY FL/ST 30AUTE Part # 3-644456-2  
02P MTA100 HDR ASSY (NARROW)TE Part # 1-1337604-0  
SMB SMT Skt 50Ohm Gold PltdTE Part # 5-104935-6  
05 MTE HDR SRR4 LTCH.100CL LFTE Part # 1-770973-1  
14P MINI UMNL R/A HDR ASSY LFTE Part # 5-1879061-1  
CPF 0402 1K0 0.1% 25PPM 5K RLTE Part # 2-2176349-8  
CRGCQ 2512 1K8 1%TE Part # 2-1617072-7  
3SBC1518A2 = M39016/13-057M



## Documents

### Product Drawings

#### 12 MODII 2PC HDR DR SHRD .100

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_102567-1\\_N3.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_102567-1\\_N3.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_102567-1\\_N3.2d\\_dxf.zip](#)

English

### 3D PDF

3D

### 3D PDF

English

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