

5-104355-4 ✓ ACTIVE

[AMPMODU](#) | [AMPMODU Headers](#)

TE Internal #: 5-104355-4

AMPMODU Headers, PCB Mount Header, Right Angle, Board-to-Board, 8 Position, 2.54mm [.1in] Centerline, Breakaway, Tin, Printed Circuit Board

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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **8**

Centerline (Pitch): **2.54 mm [.1 in]**

## Features

### Product Type Features

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

### Configuration Features

Number of Rows	2
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	8

### Electrical Characteristics

Operating Voltage	30 VAC
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### Body Features

Connector Profile	Standard
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### Contact Features

	100 – 200 $\mu$ m
Contact Shape & Form	Square
Contact Underplating Material	Nickel



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.54 – 5.08 $\mu\text{m}$ [100 – 200 $\mu\text{in}$ ]
Contact Type	Pin
Contact Current Rating (Max)	3 A

### Termination Features

Termination Post & Tail Length	3.05 mm[.12 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

### Mechanical Attachment

PCB Mount Retention Type	Retention Solder Tails
Mating Alignment	Without
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

### Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	Thermoplastic

### Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

### Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 $^{\circ}\text{C}$ [-85 – 221 $^{\circ}\text{F}$ ]

### Operation/Application

Circuit Application	Signal
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### Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Quantity	25
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Packaging Method

Carton

### Other

Comment

Refer to the customer drawing to determine the number and location of the board retention tails. Other tail lengths are available, consult AMP Incorporated.

## Product Compliance

[For compliance documentation, visit the product page on 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: JUN 2020 (209)  
Candidate List Declared Against: JAN 2020 (205)  
Does not contain REACH SVHC

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Wave solder capable to 265°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



## Also in the Series | AMPMODU Headers



Automotive Headers(10)



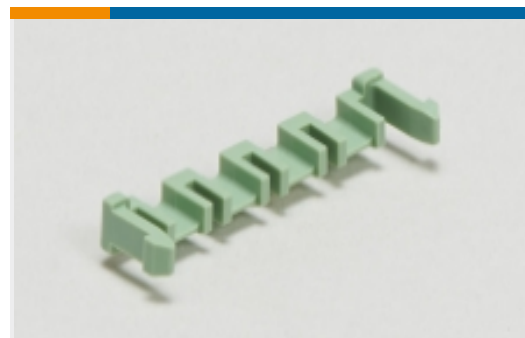
Board-to-Board Headers &amp; Receptacles(6613)



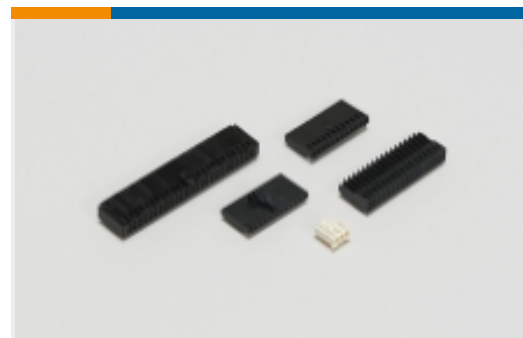
PCB Connector Mounting(1)



PCB Connector Shrouds(1)



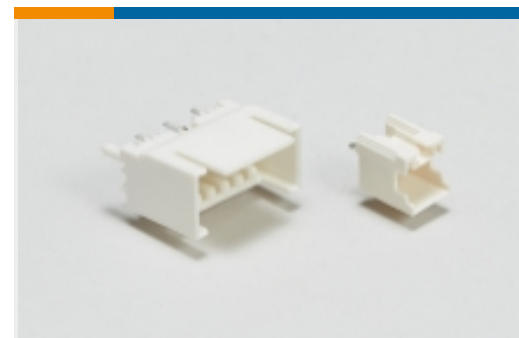
PCB Latches, Locks &amp; Retainers(2)



Wire-to-Board Connector Assemblies &amp; Housings(3)



Wire-to-Board Connector Contacts(52)



Wire-to-Board Headers &amp; Receptacles (79)

## Documents

### Product Drawings

[08 MODII HDR DRRR B/A W/HLDWN LF](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-104355-4\\_L.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-104355-4\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-104355-4\\_L.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[AMPMODU Interconnection System](#)

English

[AMPMODU Interconnection System](#)