



AMPMODU | AMPMODU Headers

TE Internal #: 146304-6

AMPMODU Headers, PCB Mount Header, Right Angle, Board-to-Board, 6 Position, 2.54mm [.1in] Centerline, Breakaway, Gold, Printed Circuit Board

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Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **6**

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	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	6

**Contact Features**

Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	1.27 µm[50 µin]
Contact Underplating Material	Nickel
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	.762 µm[30 µin]



Contact Type	Pin
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Contact Current Rating (Max)	3 A
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### Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
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Termination Post & Tail Length	3.05 mm[.12 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Mating Alignment	Without
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PCB Mount Retention	Without
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PCB Mount Alignment	Without
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Connector Mounting Type	Board Mount
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### Housing Features

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

PCB Thickness (Recommended)	1.6 mm[.063 in]
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### Usage Conditions

Housing Temperature Rating	Standard
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Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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### Operation/Application

Solder Process Feature	Board Standoff
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Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Tray
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	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) Pb (13% in Component Part) <b>Article Safe Usage Statements:</b> 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

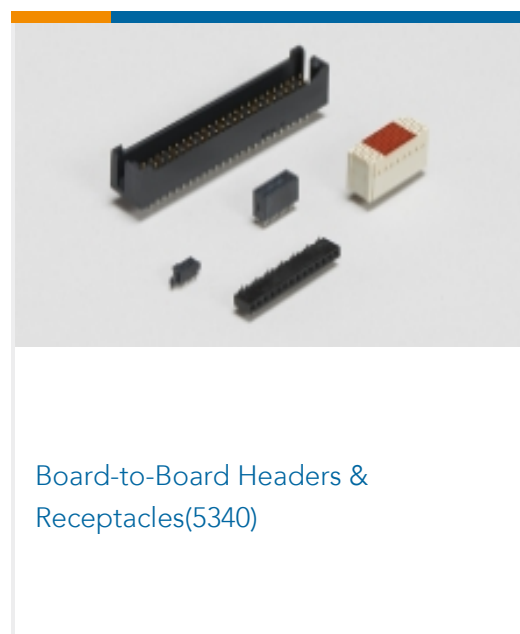
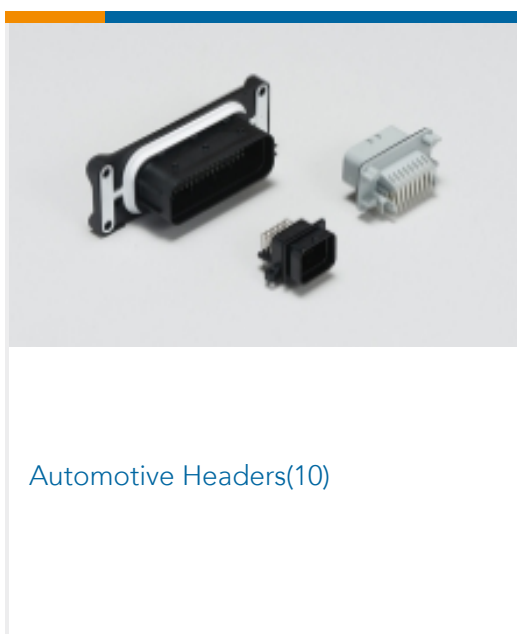
Product Compliance Disclaimer

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

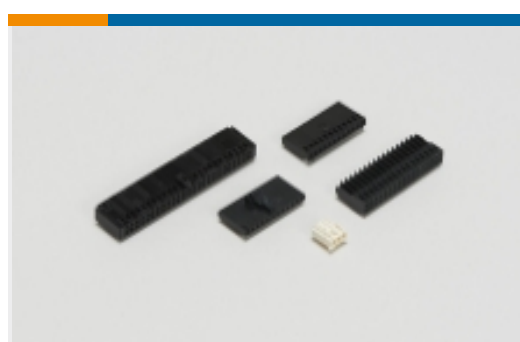


## Also in the Series | AMPMODU Headers





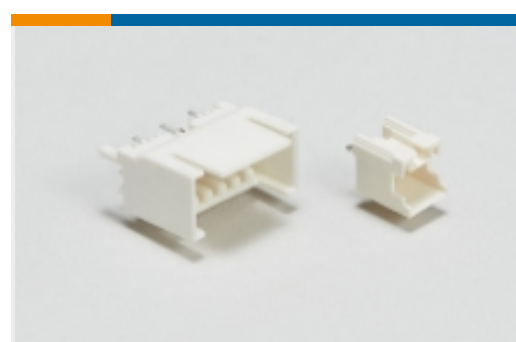
PCB Latches, Locks &amp; Retainers(2)



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

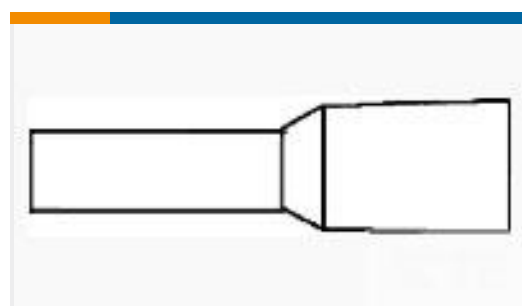
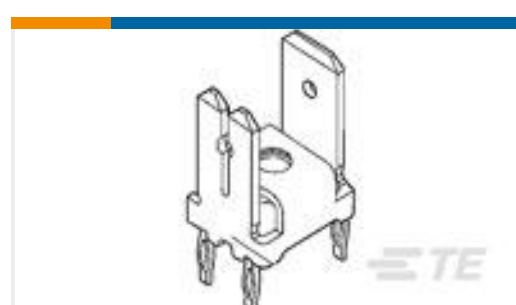


Wire-to-Board Connector Contacts(46)



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

## Customers Also Bought

TE Model / Part #966066-2  
ADERENDHUELSE L BLTE Model / Part #1393481-5  
V23529B1225C209=SUB D STIFTLITE Model / Part #8-1624112-9  
3650 0603 0.18uH 5% 2K RLTE Model / Part #5177986-4  
0.8FH,P05H.5,100,08/Sn,TR,SCTE Model / Part #5161390-2  
02P.DIP SWITCH ASSYTE Model / Part #1879026-1  
YR1 0.1% 10R2TE Model / Part #7-1879026-6  
YR1 0.1% 41R2TE Model / Part #216905-1  
POSITIVE LOCK POWER  
RECEPTACLE TPPHBRZTE Model / Part #6-969982-8  
AMPMODU II Action Pin Header, dual  
row

## Documents

### Product Drawings

06 MODII HDR SRRA B/A .100CL

English

### CAD Files

3D PDF

English

### Customer View Model

ENG\_CVM\_146304-6\_B.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_146304-6\\_B.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_146304-6\\_B.2d\\_dxf.zip](#)

English

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### Datasheets & Catalog Pages

[AMPMODU Interconnection System](#)

English

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