

5-147292-2 ✓ ACTIVE

AMPMODU | AMPMODU Headers

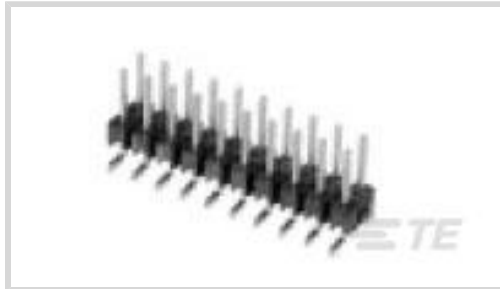
TE Internal #: 5-147292-2

PCB Mount Header, Right Angle, Board-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Breakaway, Tin, Surface Mount, Signal, Black, AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **10**

Number of Rows: **2**

## Features

### Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

### Packaging Features

Packaging Quantity	250
Packaging Method	Tape & Reel

### Industry Standards

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

### Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

### Operation/Application

Assembly Process Feature	Pick and Place Cap
Circuit Application	Signal

### Termination Features

	.05 in
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount



### Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Mating Square Post Dimension	.64 mm[.025 in]
	100 – 200 µin
Contact Shape & Form	Square
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	3 A

### Housing Features

Housing Material	LCP-GF (Liquid Crystal Polymer), LCP (Liquid Crystal Polymer)
Centerline (Pitch)	2.54 mm[.1 in]

### Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	10
Number of Rows	2

### 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

### 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

**Other**

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

**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: JUNE 2024 (241)  
 Candidate List Declared Against: JUNE 2024 (241)  
 Does not contain REACH SVHC

Halogen Content

Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

Solder Process Capability

Reflow solder capable to 260°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>

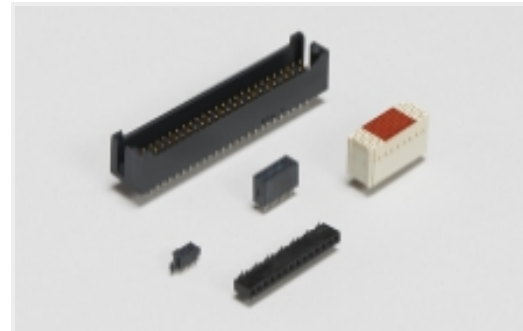
**Compatible Parts**



## Also in the Series | AMPMODU Headers



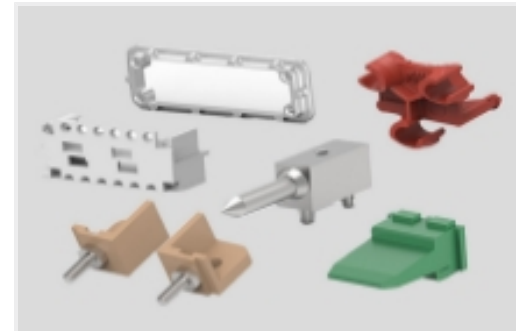
Automotive Headers(1)



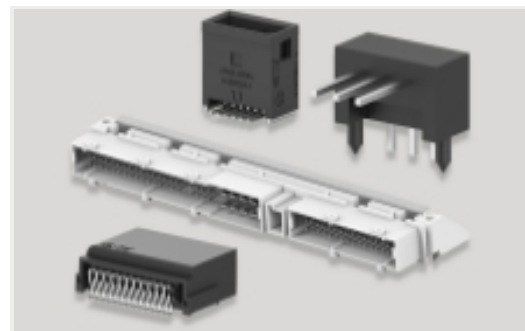
Board-to-Board Headers & Receptacles(1575)



Connector Contacts(52)



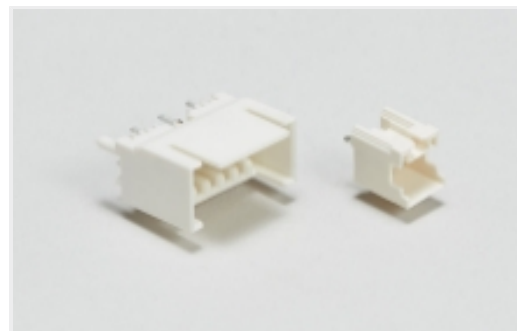
Connector Hardware(1)



PCB Headers & Receptacles(1620)



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



Wire-to-Board Headers & Receptacles (114)

## Customers Also Bought



TE Part #1-1658694-2  
A/L UNIV HDR 60P ACTPIN



TE Part #1-1469492-3  
MULTIGIG RT 9MM GUIDE/ESD 90 DEG



TE Part #2007215-1  
SFP+ 1x1 Cage Assy, PCI, Press



TE Part #9-1879338-4  
CPF 0603 249K 1% 50PPM 1K RL



TE Part #796681-2  
TERMI-BLOK PCB MOUNT 2P.



TE Part #9-2304372-9  
1-PORT MATENET HDR ASSY 90DEG, COD Z



TE Part #1-406541-1  
MJ,INV,1X1,6PNL G.,100"ST,SN



TE Part #9-2176403-0  
3550 5K1 1%



TE Part #5-534998-8  
16 MODIV VRT DR CE 100/125



TE Part #7-2176616-0  
SMQW2W 75R 5%



## Documents

### Product Drawings

[10 MODII HDR DR SFMT B/A T&R](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-147292-2\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-147292-2\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-147292-2\\_M.3d\\_stp.zip](#)

English

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