

**966926-4**

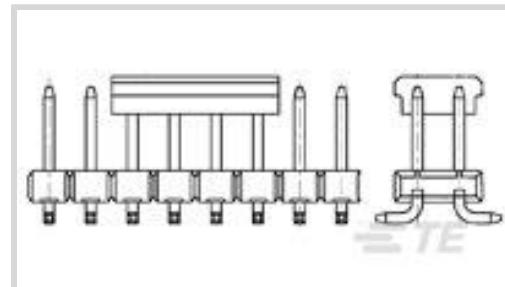
✓ ACTIVE

**AMPMODU | AMPMODU 2 mm**

TE Internal #: 966926-4

PCB Mount Header, Vertical, Board-to-Board, 8 Position, 2 mm [.  
079 in] Centerline, Breakaway, Gold, Surface Mount, Signal, Black,  
Reel, AMPMODU 2 mm[View on TE.com >](#)

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

PCB Connector Assembly Type: **PCB Mount Header**PCB Mount Orientation: **Vertical**Connector System: **Board-to-Board**Number of Positions: **8**Number of Rows: **2**

## 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

Stackable	Yes
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	2
Board-to-Board Configuration	Parallel

### Electrical Characteristics

Dielectric Withstanding Voltage (Max)	650 VAC
Operating Voltage	63 VAC

### Body Features

Primary Product Color	Black
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### Contact Features

Contact Mating Area Length	3.45 mm[.136 in]
Mating Square Post Dimension	.5 mm[.02 in]
Contact Layout	Matrix
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.8 $\mu$ m[31.5 $\mu$ in]
Contact Type	Pin
Contact Current Rating (Max)	1 A

#### Termination Features

Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Method to PCB	Surface Mount

#### Mechanical Attachment

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

#### Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Material	Polyphenylene Sulfide (PPS)

#### Dimensions

Connector Length	8 mm[.314 in]
Connector Height	4.75 mm[.187 in]
Connector Width	6.5 mm[.25 in]
Row-to-Row Spacing	2 mm[.079 in]

#### Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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#### Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

#### Industry Standards

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

### Packaging Features

Packaging Quantity	1000
Packaging Method	Reel

### Other

Position Locations Omitted	0
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°C

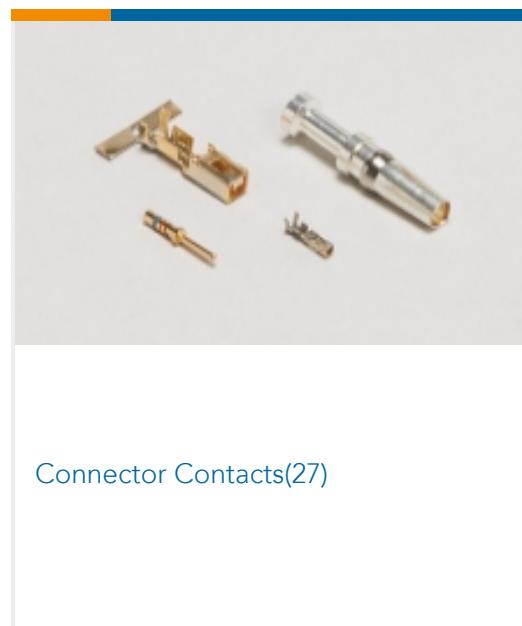
#### Product Compliance Disclaimer

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

TE Part # 964976-4  
MODU2MM BU-GEH2X 4P

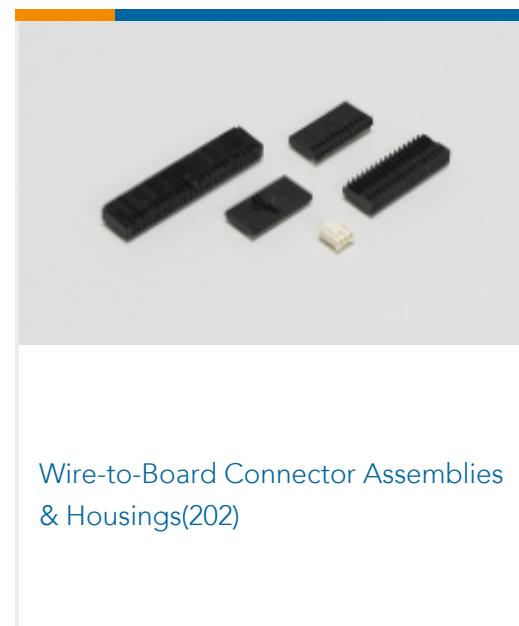
## Also in the Series | AMPMODU 2 mm



Connector Contacts(27)



PCB Headers &amp; Receptacles(10387)

Wire-to-Board Connector Assemblies  
& Housings(202)

## Customers Also Bought

TE Part #5-104068-6  
60 SYSTEM 50 HDR DRST SHRDTE Part #5536446-5  
ASSEMBLY,RECEPTACLE,EUROCARD,  
TTE Part #1676150-2  
RN 0805 10K2 0.1% 10PPM 1KRLTE Part #2-1761679-9  
IDC LOW PRO HDR 26P VERT BLUETE Part #5145274-1  
CONN SEC II 13 POS 100C/LTE Part #5745183-3  
09 RCPT SP/MS STDTE Part #2344656-1  
WLAN DUAL BAND ANTENNA FPC V  
50mmTE Part #3-1734742-6  
.5 FPC VT ZIF Type-A 36 CONT

## Documents

### CAD Files

[3D PDF](#)
[3D](#)
[Customer View Model](#)
[ENG\\_CVM\\_CVM\\_966926-4\\_E.2d\\_dxf.zip](#)
[English](#)

**Customer View Model**[ENG\\_CVM\\_CVM\\_966926-4\\_E.3d\\_igs.zip](#)

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English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages**[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION3AND4](#)

English