

5-146265-8 ✓ ACTIVE

## AMPMODU

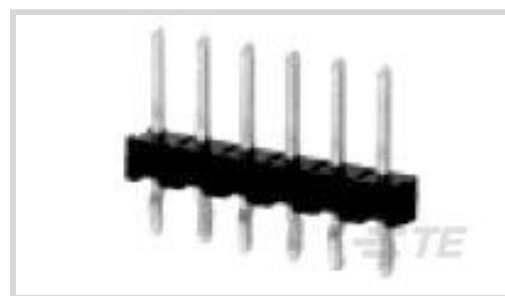
TE Internal #: 5-146265-8

PCB Mount Header, Vertical, Board-to-Board, 16 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: **Vertical**

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

Number of Positions: **16**

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
PCB Mount Orientation	Vertical
Number of Positions	16
Board-to-Board Configuration	Parallel

#### Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 $\mu\text{m}$ [100 – 200 $\mu\text{in}$ ]
Contact Underplating Material Thickness	1.27 $\mu\text{m}$ [50 $\mu\text{in}$ ]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold



Contact Mating Area Plating Material Thickness	.76 $\mu\text{m}$ [30 $\mu\text{in}$ ]
Contact Type	Pin
Contact Current Rating (Max)	3 A

#### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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#### Mechanical Attachment

Mating Alignment	Without
PCB Mount Retention	Without
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)	1.6 mm[.063 in]

#### Operation/Application

Circuit Application	Signal
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#### Industry Standards

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

Packaging Method	Carton
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#### 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

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

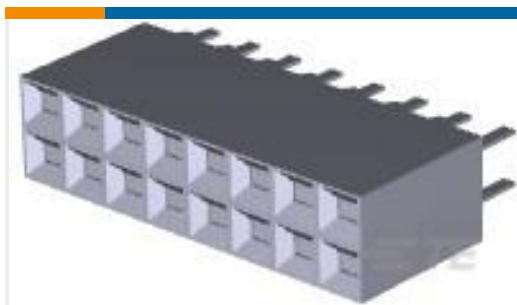
Solder Process Capability

Pin-in-Paste 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 Model / Part # 5-534206-8  
16 MODII VRT DR CE 100/115

## Documents

## Product Drawings

[16 MODII HDR DRST B/A 100 W/HD](#)

English

## Datasheets &amp; Catalog Pages

[AMPMODU Interconnection System](#)

English

[AMPMODU Interconnection System](#)