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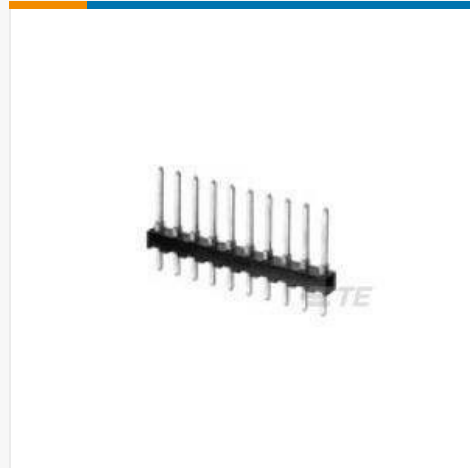


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1-87221-0

AMPMODU Headers, PCB Mount Header, Vertical, Board-to-Board, 11 Position, 3.81mm [.15in] Centerline, Unshrouded, Gold, Printed Circuit Board



AMPMODU | AMPMODU Headers

TE Internal #: **1-87221-0**

TE Internal Description: **11 MODII HDR SRST UNSHRD .150**

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

PCB Mount Orientation : **Vertical**

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

Number of Positions : **11**

Centerline (Pitch) : **3.81 mm [.15 in]**

Digital Datasheet

**Compatible Parts & Tooling**

**We are here to help!**

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Feedback

Documents

Features

Product Compliance

Product Drawings

11 MODII HDR SRST UNSHRD .150

11 MODII HDR SRST UNSHRD .150

English

CAD Files

PCB Design

Download symbol & footprint (SnapEDA)

3D PDF

3D\_CVM\_CVM\_1-87221-0\_M\_c-1-87221-0-m-3d.pdf

3D

Customer View Model

ENG\_CVM\_CVM\_1-87221-0\_M\_c-1-87221-0-m.2d\_dxf.zip

English

ENG\_CVM\_CVM\_1-87221-0\_M\_c-1-87221-0-m.3d\_igs.zip

English

ENG\_CVM\_CVM\_1-87221-0\_M\_c-1-87221-0-m.3d\_stp.zip

English

Agency Approvals

UL Report

ENG\_AAD\_UL\_E28476\_19861028\_E.pdf

English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

#### Product Type Features

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

#### Configuration Features

Connector Contact Load Condition : **Fully Loaded**  
Number of Rows : **1**  
PCB Mount Orientation : **Vertical**  
Number of Positions : **11**  
Board-to-Board Configuration : **Parallel**

#### Electrical Characteristics

Dielectric Withstanding Voltage (Max) (Vrms): **750**  
Insulation Resistance (MΩ): **5000**

#### Body Features

Post Size : **.63 mm [ .025 in ]**

#### Contact Features

Contact Base Material : **Phosphor Bronze**  
PCB Contact Termination Area Plating Material : **Gold Flash**  
Contact Underplating Material : **Nickel**  
Contact Shape & Form : **Square**  
Contact Mating Area Plating Material : **Gold**  
Contact Type : **Pin**  
Contact Current Rating (Max) (A): **5**

#### Termination Features

Termination Post & Tail Length : **3.175 mm [ .125 in ]**  
Termination Method to Printed Circuit Board :  
**Through Hole - Solder**

#### Mechanical Attachment

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

#### Housing Features

Centerline (Pitch) : **3.81 mm [ .15 in ]**  
Housing Color : **Black**  
Housing Material : **Thermoplastic**

#### Dimensions

PCB Thickness (Recommended) : **1.57 mm [ .062 in ]**

#### Usage Conditions

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

#### Operation/Application

Circuit Application : **Signal**

Industry Standards	UL Flammability Rating : <b>UL 94V-0</b>
Packaging Features	Packaging Method : <b>Tray</b>
Statement of Compliance	<a href="#">Statement of Compliance pdf</a>

## Also in the Series | [AMPMODU Headers](#)



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