



CONNECTORS

## BOARD-TO-BOARD HEADERS & RECEPTACLES



### TE CONNECTIVITY (TE) 24 MODII 2PC HDR DR SHRD [AMPMODU](#) | [AMPMODU](#)

102692-2  
TE Internal Number: 102692-2  
Alias ID: 1150188

5 of 6 EU RoHS/ELV Compliant  
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Connector Style **Plug**

Centerline **2.54 mm [ .1 in ]**

Number of Positions **24**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

✓ Active

[↓](#) **PRODUCT DRAWING**  
English

[↓](#) **3D PDF**



#### Product Drawings

[HEADER ASSEMBLY, MOD II, .100C.100CL, .025 SQ POSTS](#)

PDF  
English

#### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

Product Type Features	Connector Style	<b>Plug</b>
	PCB Mounting Orientation	<b>Vertical</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Product Type	<b>Connector</b>
	Applies To	<b>Printed Circuit Board</b>
	Boss	<b>Without</b>
	Series	<b>AMPMODU</b>
	Connector Type	<b>Header</b>
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Configuration Features	Number of Positions	<b>24</b>
	Number of Rows	<b>2</b>
	Stackable	<b>No</b>
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Electrical Characteristics	Voltage (VAC)	<b>250</b>
	Insulation Resistance (M $\Omega$ )	<b>1000</b>
	Dielectric Withstanding Voltage (VACrms)	<b>750</b>
	Termination Resistance (M $\Omega$ )	<b>12</b>
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Body Features	Header Type	<b>Standard</b>
	Post Size	<b>.64 mm [ .025 in ]</b>
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Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness	<b>.762 <math>\mu</math>m [ 30 <math>\mu</math>in ]</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Contact Shape	<b>Square</b>
	Contact Current Rating (A)	<b>2</b>
	Contact Type	<b>Pin</b>
	Contact Protection	<b>With</b>
	Contact Protection Type	<b>Shrouded</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead over Nickel</b>
	Solder Tail Contact Plating Thickness ( $\mu$ in)	<b>100 – 200</b>
Contact Base Material	<b>Phosphor Bronze</b>	
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Termination Features	Termination End Plating Material	<b>Tin-Lead over Nickel</b>
	Termination Method to PC Board	<b>Through Hole - Solder</b>
	Termination Post Length	<b>4.57 mm [ .18 in ]</b>

Mechanical Attachment	Mating Alignment	<b>With</b>
	Mating Alignment Type	<b>Guide Pins</b>
	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Board Retention Tail</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Retention	<b>Without</b>
Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Material	<b>Thermoplastic</b>
	Housing Color	<b>Black</b>
Dimensions	Mating Post Length	<b>5.08 mm [ .2 in ]</b>
	Tail Length	<b>4.572 mm [ .18 in ]</b>
	Height	<b>13.97 mm [ .55 in ]</b>
	PCB Thickness (Recommended)	<b>1.4 mm [ .055 in ]</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-65 – 105</b>
Operation/Application	Pick and Place Cover	<b>Without</b>
	Assembly Process Feature	<b>Board Standoff</b>
	For Use With	<b>Receptacle Assembly</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LR7189, UL E28476</b>
Packaging Features	Packaging Method	<b>Tube</b>
	Packaging Quantity	<b>48</b>
Other	Comment	<b>Headers with make first/break last posts can be made available.</b>

Product Compliance

[Statement of Compliance](#)  
PDF

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