



# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

## TE CONNECTIVITY (TE) MOD 2 PIN HEADER

AMPMODU | AMPMODU Headers

5-825457-0

TE Internal Number: 5-825457-0

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **100**

Header Type **Breakaway, Standard**

### Product Drawings

[AMPMODU II PIN HEADER 90 DEGREE, DUAL ROW](#)

PDF  
English

### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
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

Applies To

**Printed Circuit Board**

Connector Style

**Plug**

PCB Mounting Orientation

**Right Angle**

Connector Type

**Header**

Row-to-Row Spacing

**2.54 mm [ .1 in ]**

Stabilizers

**Without**

Strain Relief

**Without**

	Board Standoff	<b>Without</b>
	Profile	<b>Standard</b>
	Product Type	<b>Connector</b>
	Gasket	<b>Without</b>
<hr/>		
Configuration Features	Number of Positions	<b>100</b>
	Number of Rows	<b>2</b>
	Keyed	<b>No</b>
	Selectively Loaded	<b>No</b>
<hr/>		
Electrical Characteristics	Dielectric Withstanding Voltage	<b>750 V</b>
<hr/>		
Body Features	Header Type	<b>Breakaway, Standard</b>
	Post Size (mm)	<b>.63</b>
<hr/>		
Contact Features	Contact Protection	<b>Without</b>
	Contact Shape	<b>Square</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Brass, CuZn</b>
	Contact Mating Area Plating Thickness (µin)	<b>30</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel, Tin</b>
	Contact Mating Area Plating Material	<b>Gold</b>
<hr/>		
Termination Features	Termination Post Length	<b>3.2 mm [ .1259 in ]</b>
	Termination End Plating Material	<b>Tin</b>
	Termination End Plating Thickness (µm)	<b>3 – 5</b>
	Termination Method to PC Board	<b>Through Hole</b>
<hr/>		
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>Without</b>
	Mating Connector Lock	<b>Without</b>
<hr/>		
Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Green</b>
	Housing Material	<b>PBT GF Polyester-GE</b>

Housing Material

FR-07, Polyester

Dimensions	PCB Thickness (Recommended) (mm)	<b>.062</b>
	Mating Post Length	<b>6.7 mm [ .264 in ]</b>

Usage Conditions	Operating Temperature Range (°C)	<b>-65 – 105</b>
	High Temperature Housing	<b>No</b>

Operation/Application	High Speed Serial Data Connector	<b>No</b>
-----------------------	----------------------------------	-----------

Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LR7189, CUL E28476</b>

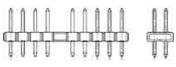
Packaging Features	Packaging Quantity	<b>100</b>
	Packaging Method	<b>Box</b>

Other	Comment	<b>With strain relief.</b>
-------	---------	----------------------------

Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

<p>BOARD-TO-BOARD HEADERS &amp; RECEPTACLES</p>  <p>AMPMODU 2MM V 8P AU:0.2 BLACK 5176264-3</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>MULTIPLE CONFIGURATION PCB HEADERS &amp; RECEPTACLES</p>  <p>MOD 2 PINHDR 2X50P. 5-825440-0</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>MULTIPLE CONFIGURATION PCB HEADERS &amp; RECEPTACLES</p>  <p>40 MODII HDR SRST B/A .100CL 4-103185-0</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>THROUGH-HOLE RESISTORS</p>  <p>2W SM M/OX 5% 680R ROX2SJ680R</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>
--	---	--	--