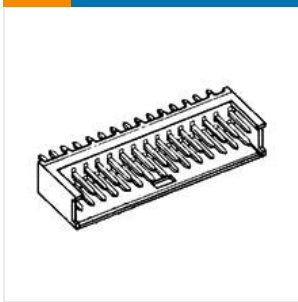




# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## 2X4P AMPMODU II SHRD HDR, ST, TIN

AMPMODU | AMPMODU Headers

280384-1

TE Internal Number: 280384-1

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **8**

Header Type **Shrouded**

### Product Drawings

AMP MODU II HEADER ASS.

PDF  
English

### CAD Files

3D PDF

PDF  
3D

Customer View Model

2D\_DXF.ZIP  
English

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

**Vertical**

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>
Configuration Features	Number of Positions	<b>8</b>
	Number of Rows	<b>2</b>
	Keyed	<b>No</b>
	Selectively Loaded	<b>No</b>
Electrical Characteristics	Dielectric Withstanding Voltage	<b>750 V</b>
Body Features	Header Type	<b>Shrouded</b>
	Post Size (in)	<b>.025</b>
Contact Features	Contact Protection	<b>With</b>
	Contact Shape	<b>Round</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Protection Type	<b>Shrouded</b>
Termination Features	Termination Post Length	<b>3.5 mm [ .138 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>
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention	<b>Without</b>
	Mating Connector Lock Type	<b>Detent Windows</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>With</b>
	Mating Connector Lock	<b>With</b>
	Mating Alignment Type	<b>Polarization</b>
Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>

Housing Features	Centerline	<b>2.97 mm [ .118 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Thermoplastic</b>
	Housing Style	<b>3-Sided</b>
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Dimensions	Mating Post Length	<b>6.6 mm [ .26 in ]</b>
	Shrouded End Dimension (mm)	<b>1.65</b>
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Usage Conditions	Operating Temperature Range (°C)	<b>-65 – 105</b>
	High Temperature Housing	<b>No</b>
<hr/>		
Operation/Application	High Speed Serial Data Connector	<b>No</b>
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Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LR7189, UL E28476</b>
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Packaging Features	Packaging Quantity	<b>1000</b>
	Packaging Method	<b>Box</b>
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Product Compliance	<p><a href="#">Statement of Compliance</a> PDF</p> <p><a href="#">VIEW ALL PRODUCT COMPLIANCE</a></p>	