



CONNECTORS

## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 8P MODU II SHRD HDR, RT ANG, 0.38AU

AMPMODU | AMPMODU Headers

280380-2

TE Internal Number: 280380-2

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.ies, Right Angle, Single Row](#)

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

#### Product Environmental Compliance

TE Material Declaration

[MD\\_280380-2\\_0525201236](#)

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

Applies To

**Printed Circuit Board**

Connector Style

**Plug**

PCB Mounting Orientation

**Right Angle**

Connector Type

**Header**

	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Stabilizers	<b>Without</b>
	Strain Relief	<b>Without</b>
	Board Standoff	<b>Without</b>
	Profile	<b>Standard</b>
	Product Type	<b>Connector</b>
	Gasket	<b>Without</b>
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Configuration Features	Number of Positions	<b>8</b>
	Number of Rows	<b>1</b>
	Keyed	<b>No</b>
	Selectively Loaded	<b>No</b>
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Electrical Characteristics	Dielectric Withstanding Voltage	<b>750 V</b>
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Body Features	Header Type	<b>Shrouded</b>
	Post Size (in)	<b>.025</b>
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Contact Features	Contact Protection	<b>With</b>
	Contact Shape	<b>Round</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Brass</b>
	Contact Mating Area Plating Thickness (µin)	<b>15</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Protection Type	<b>Shrouded</b>
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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>2.5</b>
	Termination Method to PC Board	<b>Through Hole</b>
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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>

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Housing Features	Centerline	<b>2.54 mm [ .1 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>

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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>500</b>
	Packaging Method	<b>Box</b>

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Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)