



CONNECTORS

## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 06 MODII HDR SRRA UNSHRD .100

AMPMODU | AMPMODU Headers

87233-6

TE Internal Number: 87233-6

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **6**

Header Type **Unshrouded**



#### Product Drawings

**HEADER ASSY, MOD II, .100C/L, SINGLE ROW, RIGHT ANGLE, .025 SQUARE POST**

PDF  
English

#### CAD Files

**Customer View Model**

3D\_STP.ZIP  
English

**Customer View Model**

2D\_DXF.ZIP  
English

**3D PDF**

PDF  
3D

**Customer View Model**

3D\_IGS.ZIP  
English

#### Catalog Pages/Data Sheets

**AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTIONS**

PDF  
English

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## Product Environmental Compliance

TE Material Declaration

[MD\\_87233-6\\_11072014037\\_dmtec](#)  
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.

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Product Type Features	Applies To	<b>Printed Circuit Board</b>
	Connector Style	<b>Plug</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Connector Type	<b>Header</b>
	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>
	Product Type	<b>Connector</b>
	Gasket	<b>Without</b>

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Configuration Features	Number of Positions	<b>6</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 Vrms</b>
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Body Features	Header Type	<b>Unshrouded</b>
	Post Size	<b>.64 mm [ .025 in ]</b>

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Contact Features	Contact Protection	<b>Without</b>
	Contact Shape	<b>Square</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Mating Area Plating Thickness (µin)	<b>15</b>
	Solder Tail Contact Plating Material	<b>Gold Flash over Nickel</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Current Rating (A)	<b>3</b>

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Termination Features	Termination Post Length	<b>2.79 mm [ .11 in ]</b>
	Termination End Plating Material	<b>Gold Over Nickel</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>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>Without</b>
	Mating Connector Lock	<b>Without</b>
Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Thermoplastic</b>
Dimensions	PCB Thickness (Recommended)	<b>1.397 mm [ .055 in ]</b>
	Mating Post Length	<b>8.08 mm [ .318 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, UL E28476</b>
Packaging Features	Packaging Quantity	<b>200</b>
	Packaging Method	<b>Tray</b>

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)



