



# BOARD-TO-BOARD HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## 36 MOD II 2PC CE RCPT ASSY, RoHS

AMPMODU | AMPMODU

5-532956-6

TE Internal Number: 5-532956-6

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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

Number of Positions **36**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

### Product Drawings

RECEPTACLE ASSY, MOD II, DBL ROW, 2.54 X 2.54 [.100 X .100] CL, GUIDE PIN EARS, CLOSED ENTRY, SHORT-POINT-OF-CONTACT

PDF  
English

### CAD Files

Customer View Model

2D\_DXF.ZIP  
English

3D PDF

PDF  
English

Customer View Model

3D\_IGS.ZIP  
English

Customer View Model

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION5\_CONT

PDF  
English

### Product Specifications

Product Specification

PRODUCT SPECIFICATION, INTERCONNECTION SYSTEM, AMPMODU, 2 PIECE

TIF  
English

PRODUCT SPECIFICATION, INTERCONNECTION SYSTEM, AMPMODU, 2 PIECE

PDF  
Japanese

PRODUCT SPECIFICATION, INTERCONNECTION SYSTEM, AMPMODU, 2 PIECE

PDF  
English

Application Specification

AMPMODU Mod II 2-Piece Double Row Header Assemblies

PDF  
English

AMPMODU Mod II 2-Piece Double Row Header Assemblies

TIF  
English

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## Product Environmental Compliance

TE Material Declaration

[MD\\_5-532956-6\\_012320122349](#)  
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	Connector Style	<b>Receptacle</b>
	PCB Mounting Orientation	<b>Right Angle</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>Connector Assembly</b>

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Configuration Features	Number of Positions	<b>36</b>
	Number of Rows	<b>2</b>

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Electrical Characteristics	Voltage (VAC)	<b>250</b>
	Insulation Resistance (MΩ)	<b>1000</b>
	Termination Resistance (MΩ)	<b>12</b>

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Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness (µin)	<b>30</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Contact Shape	<b>Square</b>
	Contact Current Rating (A)	<b>3</b>
	Contact Type	<b>Socket</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Layout	<b>Inline</b>
	Solder Tail Contact Plating Thickness (µin)	<b>50 – 100</b>
	Contact Base Material	<b>Phosphor Bronze</b>

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Termination Features	Termination End Plating Material	<b>Tin over Nickel</b>
	Termination Method to PC Board	<b>Through Hole - Solder</b>

	Termination Post Length	<b>2.92 mm [ .115 in ]</b>
Mechanical Attachment	Mating Alignment	<b>With</b>
	Mating Alignment Type	<b>Guide Pin Slots</b>
	PCB Mount Retention	<b>Without</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	Tail Length	<b>2.921 mm [ .115 in ]</b>
	Height	<b>6.05 mm [ .24 in ]</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-65 – 105</b>
	High Temperature Compatible	<b>Yes</b>
Operation/Application	Assembly Process Feature	<b>Board Standoff</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LE7189, UL E28476</b>
Packaging Features	Packaging Method	<b>Tube</b>
	Packaging Quantity	<b>45</b>
Other	Comment	<b>6.50 [.256] minimum positive pin stop to prevent shorting between rows., Receptacle assemblies with low force contacts are available.</b>

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

