



## BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

 **PRODUCT DRAWING**  
English

 **3D PDF**

TE CONNECTIVITY (TE)

### 40 SYSTEM 50 RCPT ASSY DRRA

[AMPMODU](#) | [AMPMODU System 50](#)

5-103911-5

TE Internal Number: 5-103911-5

Alias ID: 2-42938-4376

[Always EU RoHS/ELV Compliant](#)

Connector Style **Receptacle**

Centerline **1.27 mm [ .05 in ]**

Number of Positions **40**

Packaging Method **Tube, Tube/Box**

Contact Mating Area Plating Material **Gold**



#### Product Drawings

[RECEPTACLE ASSEMBLY, RIGHT ANGLE, AMPMODU System 50](#)

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#### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[3D PDF](#)

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#### Catalog Pages/Data Sheets

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION3AND4](#)

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[AMPMODU SYSTEM 50](#)

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## AMPMODU SYSTEM 50 QUICK REFERENCE GUIDE

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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	Connector Style	<b>Receptacle</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Applies To	<b>Printed Circuit Board</b>
	Product Type	<b>Connector</b>
	Boss	<b>Without</b>
	Series	<b>AMPMODU</b>
	Connector Type	<b>Connector Assembly</b>
Configuration Features	Number of Positions	<b>40</b>
	Number of Rows	<b>2</b>
Electrical Characteristics	Voltage (VAC)	<b>30</b>
	Insulation Resistance (MΩ)	<b>5000</b>
Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness	<b>.762 μm [ 30 μin ]</b>
	Contact Current Rating (A)	<b>4</b>
	Contact Type	<b>Socket</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Solder Tail Contact Plating Thickness (μin)	<b>150</b>
	Contact Base Material	<b>Copper Alloy</b>
Termination Features	Termination Method to PC Board	<b>Through Hole</b>
	Termination Post Length	<b>2.54 mm [ .1 in ]</b>
Mechanical Attachment	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Hold-Down Posts</b>
Housing Features	Centerline	<b>1.27 mm [ .05 in ]</b>
	Housing Material	<b>Thermoplastic</b>

	Housing Color	Black
Dimensions	Tail Length	2.54 mm [ .1 in ]
	Height	5.511 mm [ .217 in ]
Usage Conditions	Operating Temperature Range (°C)	-65 – 105
Operation/Application	Pick and Place Cover	Without
	Assembly Process Feature	Board Standoff
	For Use With	Plug Assembly
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
Packaging Features	Packaging Method	Tube, Tube/Box
	Packaging Quantity	19
Other	Comment	Note 1: Hold-down posts located as shown for 20 through 100-position receptacles., Note 2: Hold-down posts located as shown for 10, 60, 80 and 100-position receptacles.

Product Compliance

[Statement of Compliance](#)  
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[VIEW ALL PRODUCT COMPLIANCE](#)

