



# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



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↓ **PRODUCT DRAWING**  
English

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## TE CONNECTIVITY (TE) 09 MODII HDR SRST SHRD LF

AMPMODU | AMPMODU Headers

5-102202-6  
TE Internal Number: 5-102202-6

Always EU RoHS/ELV Compliant  
Applies To **Printed Circuit Board**

Connector Style **Plug**  
Centerline **2.54 mm [ .1 in ]**

Number of Positions **9**

Header Type **Shrouded**

### Product Drawings

**ASSEMBLY, MOD II, HEADER, SINGLE ROW, 2.54 [ .100] C/L, VERTICAL, WITH 0.64 [ .025] SQUARE POSTS**

PDF  
**English**

### CAD Files

**Customer View Model**

3D\_IGS.ZIP  
**English**

**Customer View Model**

3D\_STP.ZIP  
**English**

**Customer View Model**

2D\_DXF.ZIP  
**English**

**3D PDF**

PDF  
**English**

### Catalog Pages/Data Sheets

**AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTIONS**

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	<b>Printed Circuit Board</b>
Connector Style	<b>Plug</b>
PCB Mounting Orientation	<b>Vertical</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>With</b>
Profile	<b>Standard</b>
Product Type	<b>Connector</b>
Gasket	<b>Without</b>

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Configuration Features	Number of Positions	<b>9</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>Shrouded</b>
	Post Size	<b>.64 mm [ .025 in ]</b>

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Contact Features	Contact Protection	<b>With</b>
	Contact Shape	<b>Square</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 Finish	<b>Matte</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Protection Type	<b>Shrouded</b>
	Contact Current Rating (A)	<b>3</b>

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Termination Features	Termination Post Length	<b>3.3 mm [ .13 in ]</b>
	Termination End Plating Thickness (µin)	<b>100 – 200</b>
	Termination End Plating Material	<b>Matte Tin Over Nickel</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>
	Panel Mount Retention	<b>Without</b>

Mating Alignment	<b>With</b>
Mating Connector Lock	<b>Without</b>
Mating Alignment Type	<b>Polarization</b>

Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Thermoplastic</b>
	Housing Style	<b>4-Sided</b>

Dimensions	Shrouded End Dimension	<b>1.778 mm [ .07 in ]</b>
	PCB Thickness (Recommended)	<b>1.397 mm [ .055 in ]</b>
	Mating Post Length	<b>6.1 mm [ .24 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>
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Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LR7189, UL E28476</b>

Packaging Features	Packaging Quantity	<b>20</b>
	Packaging Method	<b>Tube</b>

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

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Relation Type ▼

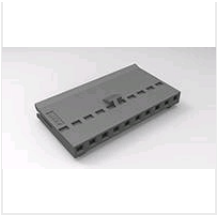
RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)





Connectors - FFC Connectors  
FFC | FFC

## 009 HOUSING FFC RCPT 100CL SR - 487769-7

TE INTERNAL NUMBER: 487769-7

✓ Active

Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Receptacle**

Centerline **2.54 mm**

Number of Positions **9**

Number of Rows **1**

