



# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

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TE CONNECTIVITY (TE)

## 04 MODII HDR SRST SHRD LF

AMPMODU | AMPMODU Headers

5-102202-1

TE Internal Number: 5-102202-1

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **4**

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

### Product Environmental Compliance

TE Material Declaration

[MD\\_5-102202-1\\_1113201396\\_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.

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>4</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>
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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>4-Sided</b>
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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>
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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>40</b>
	Packaging Method	<b>Tube</b>
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Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

<p><b>SOLDERSLEEVE SHIELD TERMINATORS</b></p> 	<p><b>MULTIPLE CONFIGURATION PCB HEADERS &amp; RECEPTACLES</b></p> 	<p><b>MULTIPLE CONFIGURATION PCB HEADERS &amp; RECEPTACLES</b></p> 	<p><b>FFC CONNECTORS</b></p>  <p>004 HOUSING FFC PORT</p>
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SO96-4-55-22-90 SO96-4-55-22-90	03 MODII HDR SRST SHRD LF 8-102202-4	08 MODII HDR SRST SHRD .100CL 102202-5	004 HOUSING FFC RCPT SR 100CL 1-88859-0
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Relation Type ▼

RELATIONSHIP  
**Mating Products**  
Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - FFC Connectors FFC   FFC</p> <p><b>004 HOUSING FFC RCPT 100CL SR - 487769-2</b></p> <p>TE INTERNAL NUMBER: 487769-2</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Type <b>Housing</b></p> <p>Connector Style <b>Receptacle</b></p> <p>Centerline <b>2.54 mm</b></p> <p>Number of Positions <b>4</b></p> <p>Number of Rows <b>1</b></p>