



# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

## TE CONNECTIVITY (TE) 03 MODII HDR SRRA SHRD LF

AMPMODU | AMPMODU Headers

8-102203-4

TE Internal Number: 8-102203-4

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **3**

Header Type **Shrouded**

### Product Drawings

[ASSEMBLY, MOD II,HEADER,SINGLE ROW .100 C/L, RIGHT ANGLE,WITH .025 SQ POST](#)  
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\\_8-102203-4\\_052320122218](#)  
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>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>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>3</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>Phosphor Bronze</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>2.79 mm [ .11 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>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LR7189, UL E28476</b>
Packaging Features	Packaging Quantity	<b>50</b>
	Packaging Method	<b>Tube</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

<p><b>MULTIPLE CONFIGURATION PCB HEADERS &amp; RECEPTACLES</b></p> 	<p><b>WIRE-TO-BOARD CONNECTOR HOUSINGS</b></p>	<p><b>WIRE-TO-BOARD CONNECTOR HOUSINGS</b></p>	<p><b>SURFACE MOUNT RESISTORS</b></p>  <p>DD 2B 14K7 0.1% 150PM</p>
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<p>10 MODII HDR SRRA SHRD LF 5-102203-7</p> <p>Save to List Find Similar Products</p>	<p>4X6 MTE RCPT SR LATCH .100CL 5-103960-5</p> <p>Save to List Find Similar Products</p>	<p>2X7 MTE RCPT SR LATCH .100CL 5-103960-6</p> <p>Save to List Find Similar Products</p>	<p>RP 2B 14K/ 0.1% 15PPM CUT LENGTH RP73D2B14K7BTG</p> <p>Save to List Find Similar Products</p>
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RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

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	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - FFC Connectors FFC   FFC</p> <p><b>003 HOUSING FFC RCPT 100CL SR - 487769-1</b></p> <p>TE INTERNAL NUMBER: 487769-1</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>3</b></p> <p>Number of Rows <b>1</b></p>	<input checked="" type="checkbox"/>
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