



# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

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TE CONNECTIVITY (TE)

## 10 MODII HDR SRRA SHRD LF

AMPMODU | AMPMODU Headers

5-103361-8

TE Internal Number: 5-103361-8

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **10**

Header Type **Shrouded**

### Product Drawings

[HEADER ASSEMBLY, MOD II, SINGLE ROW .100 CL, RIGHT ANGLE](#)

PDF  
English

### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
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[Customer View Model](#)

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

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

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English

### Product Environmental Compliance

TE Material Declaration

[MD\\_5-103361-8\\_08272012944](#)

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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

Applies To

**Printed Circuit Board**

Connector Style

**Plug**

	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>
Configuration Features	Number of Positions	<b>10</b>
	Number of Rows	<b>1</b>
	Keyed	<b>No</b>
	Selectively Loaded	<b>No</b>
Electrical Characteristics	Dielectric Withstanding Voltage	<b>750 Vrms</b>
Body Features	Header Type	<b>Shrouded</b>
	Post Size	<b>.64 mm [ .025 in ]</b>
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 ( $\mu$ in)	<b>30</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>	
Termination Features	Termination Post Length	<b>2.79 mm [ .11 in ]</b>
	Termination End Plating Thickness ( $\mu$ in)	<b>100 – 200</b>
	Termination End Plating Material	<b>Tin Over Nickel</b>
	Termination Method to PC Board	<b>Through Hole</b>
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>18</b>
	Packaging Method	<b>Tube</b>

Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

<p>MULTIPLE CONFIGURATION PCB HEADERS &amp; RECEPTACLES</p>  <p><b>07 MODII HDR SRRA SHRD LF</b> 5-103361-5</p>	<p>MULTIPLE CONFIGURATION PCB HEADERS &amp; RECEPTACLES</p>  <p><b>08 MODII HDR SRRA SHRD .100CL</b> 5-102523-6</p>	<p>MULTIPLE CONFIGURATION PCB HEADERS &amp; RECEPTACLES</p>  <p><b>10 MODII HDR DRRA SHRD LF</b> 5-102617-3</p>	<p>WIRE-TO-BOARD HEADERS &amp; RECEPTACLES</p>  <p><b>04 MTE HDR SRST LATCH .100CL</b> 103735-3</p>
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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>010 HOUSING FFC RCPT 100CL SR - 487769-8</b></p> <p>TE INTERNAL NUMBER: 487769-8</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>10</b></p> <p>Number of Rows <b>1</b></p>