



# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

## TE CONNECTIVITY (TE) 20 MODII HDR DRRA SHRD .100CL

AMPMODU | AMPMODU Headers

102570-8  
TE Internal Number: 102570-8

Not EU RoHS or ELV Compliant  
[Find Compliant Alternatives](#)

Applies To **Printed Circuit Board**

Connector Style **Plug**  
Centerline **2.54 mm [ .1 in ]**  
Number of Positions **20**  
Header Type **Shrouded**

### Product Drawings

[HDR ASSY, MOD II, SHROUDED, .100X.100 C/L 4 SIDES, DBL ROW, RIGHT ANGLE, W/ .025 SQ POSTS](#)

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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

### Product Environmental Compliance

TE Material Declaration

[MD\\_102570-8\\_040120111018](#)

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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	<b>Printed Circuit Board</b>
Connector Style	<b>Plug</b>
PCB Mounting Orientation	<b>Right Angle</b>
Connector Type	<b>Header</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>20</b>
	Number of Rows	<b>2</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	<b>Tin-Lead 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>3.43 mm [ .135 in ]</b>
	Termination End Plating Thickness (µin)	<b>100 – 200</b>
	Termination End Plating Material	<b>Tin-Lead 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>
	Mating Connector Lock Type	<b>Detent Windows</b>

	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>With</b>
	Mating Connector Lock	<b>With</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>3.81 mm [ .15 in ]</b>
	PCB Thickness (Recommended)	<b>1.397 mm [ .055 in ]</b>
	Mating Post Length	<b>8.08 mm [ .318 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>144</b>
	Packaging Method	<b>Tray</b>
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Product Compliance	<a href="#">Statement of Compliance</a> PDF  <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	