



# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

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## TE CONNECTIVITY (TE) 14 MODII HDR DRRA SHRD LF

AMPMODU | AMPMODU Headers

5-102617-5  
TE Internal Number: 5-102617-5

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

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

Number of Positions **14**

Header Type **Shrouded**

### Product Drawings

**HDR ASSY, MOD II, SHROUDED, 4 SIDES, DBL ROW, .100X.100 C/L, RIGHT ANGLE, W/ .025 SQ 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>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>             |
| <hr/>                      |   |                            |
| Configuration Features     | Number of Positions                         | <b>14</b>                  |
|                            | Number of Rows                              | <b>2</b>                   |
|                            | Keyed                                       | <b>No</b>                  |
|                            | Selectively Loaded                          | <b>No</b>                  |
| <hr/>                      |   |                            |
| Electrical Characteristics | Dielectric Withstanding Voltage             | <b>750 Vrms</b>            |
| <hr/>                      |   |                            |
| Body Features              | Header Type                                 | <b>Shrouded</b>            |
|                            | Post Size                                   | <b>.64 mm [ .025 in ]</b>  |
| <hr/>                      |   |                            |
| 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 over Nickel</b>     |
|                            | Contact Mating Area Plating Material        | <b>Gold</b>                |
|                            | Contact Protection Type                     | <b>Shrouded</b>            |
|                            | Contact Current Rating (A)                  | <b>3</b>                   |
| <hr/>                      |   |                            |
| 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</b>            |
|                            | Termination Method to PC Board              | <b>Through Hole</b>        |
| <hr/>                      |   |                            |
| 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> |

|                  |                  |                          |
|------------------|------------------|--------------------------|
| 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>1.68 mm [ .066 in ]</b>  |
|            | PCB Thickness (Recommended) | <b>1.397 mm [ .055 in ]</b> |
|            | Mating Post Length          | <b>8.08 mm [ .318 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> |
|-----------------------|----------------------------------|-----------|

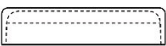



|                    |                        |                              |
|--------------------|------------------------|------------------------------|
| Industry Standards | UL Flammability Rating | <b>UL 94V-0</b>              |
|                    | Approved Standards     | <b>CSA LR7189, UL E28476</b> |

|                    |                    |             |
|--------------------|--------------------|-------------|
| Packaging Features | Packaging Quantity | <b>240</b>  |
|                    | Packaging Method   | <b>Tray</b> |

Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

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