



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

14 MODII HDR DRST SHRD .100CL

AMPMODU | AMPMODU Headers

5-103169-5

TE Internal Number: 5-103169-5

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, VERTICAL, .100X.100 C/L, WITH .025 SQ POSTS](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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

Printed Circuit Board

Connector Style

Plug

PCB Mounting Orientation

Vertical

Connector Type

Header

| | | |
|----------------------------|---|----------------------------|
| | Row-to-Row Spacing | 2.54 mm [.1 in] |
| | Stabilizers | Without |
| | Strain Relief | Without |
| | Board Standoff | Without |
| | Profile | Standard |
| | Product Type | Connector |
| | Gasket | Without |
| <hr/> | | |
| Configuration Features | Number of Positions | 14 |
| | Number of Rows | 2 |
| | Keyed | No |
| | Selectively Loaded | No |
| <hr/> | | |
| Electrical Characteristics | Dielectric Withstanding Voltage | 750 Vrms |
| <hr/> | | |
| Body Features | Header Type | Shrouded |
| | Post Size | .64 mm [.025 in] |
| <hr/> | | |
| Contact Features | Contact Protection | With |
| | Contact Shape | Square |
| | Contact Type | Pin |
| | Contact Base Material | Phosphor Bronze |
| | Contact Mating Area Plating Thickness (µin) | 30 |
| | Solder Tail Contact Plating Material | Tin over Nickel |
| | Contact Mating Area Plating Material | Gold |
| | Contact Protection Type | Shrouded |
| | Contact Current Rating (A) | 3 |
| <hr/> | | |
| Termination Features | Termination Post Length | 3.18 mm [.125 in] |
| | Termination End Plating Thickness (µin) | 100 – 200 |
| | Termination End Plating Material | Tin Over Nickel |
| | Termination Method to PC Board | Through Hole |
| <hr/> | | |
| Mechanical Attachment | PCB Mounting Style | Through Hole |
| | PCB Mount Retention | Without |
| | Mating Connector Lock Type | Detent Windows |
| | Panel Mount Retention | Without |

| | |
|-----------------------|---------------------|
| Mating Alignment | With |
| Mating Connector Lock | With |
| Mating Alignment Type | Polarization |

| | | |
|------------------|------------------|--------------------------|
| Housing Features | Centerline | 2.54 mm [.1 in] |
| | Housing Color | Black |
| | Housing Material | Thermoplastic |
| | Housing Style | 4-Sided |

| | | |
|------------|-----------------------------|-----------------------------|
| Dimensions | Shrouded End Dimension | 3.81 mm [.15 in] |
| | PCB Thickness (Recommended) | 1.397 mm [.055 in] |
| | Mating Post Length | 8.08 mm [.318 in] |

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|------------------|----------------------------------|------------------|
| Usage Conditions | Operating Temperature Range (°C) | -65 – 105 |
| | High Temperature Housing | No |

| | | |
|-----------------------|----------------------------------|-----------|
| Operation/Application | High Speed Serial Data Connector | No |
|-----------------------|----------------------------------|-----------|

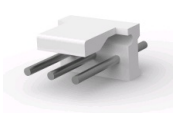
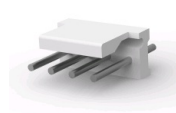
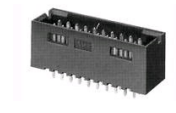

| | | |
|--------------------|------------------------|------------------------------|
| Industry Standards | UL Flammability Rating | UL 94V-0 |
| | Approved Standards | CSA LR7189, UL E28476 |

| | | |
|--------------------|--------------------|-------------|
| Packaging Features | Packaging Quantity | 192 |
| | Packaging Method | Tray |

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

| | | | |
|--|--|---|---|
| <p>RECTANGULAR POWER CONNECTORS</p>  <p>03P MTA156 HDR ASSY RN STR F/L 644753-3</p> <p>Save to List</p> | <p>RECTANGULAR POWER CONNECTORS</p>  <p>04P MTA156 HDR ASSY RN STR F/L 644753-4</p> <p>Save to List</p> | <p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>16 MODII HDR DRST SHRD .100CL 5-103169-6</p> <p>Save to List</p> | <p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>16 MODII HDR DRRA SHRD LF 5-103167-5</p> <p>Save to List</p> |
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