



CONNECTORS

## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 06 MOD II HDR DRST SHRD .100CL

AMPMODU | AMPMODU Headers

102618-1

TE Internal Number: 102618-1

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 **6**

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

[3D PDF](#)

PDF  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
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**

|                            |   |                             |
|----------------------------|---|-----------------------------|
|                            | Strain Relief                               | <b>Without</b>              |
|                            | Board Standoff                              | <b>Without</b>              |
|                            | Profile                                     | <b>Standard</b>             |
|                            | Product Type                                | <b>Connector</b>            |
|                            | Gasket                                      | <b>Without</b>              |
| <hr/>                      |   |                             |
| Configuration Features     | Number of Positions                         | <b>6</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-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>                                    |                             |
| <hr/>                      |   |                             |
| Termination Features       | Termination Post Length                     | <b>3.18 mm [ .125 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>         |
| <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

## Polarization

## Housing Features

Centerline

**2.54 mm [ .1 in ]**

Housing Color

**Black**

Housing Material

**Thermoplastic**

Housing Style

**4-Sided**

## Dimensions

Shrouded End Dimension

**1.68 mm [ .066 in ]**

PCB Thickness (Recommended)

**1.397 mm [ .055 in ]**

Mating Post Length

**8.08 mm [ .318 in ]**

## 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

**464**

Packaging Method

**Tray**

## Product Compliance

[Statement of Compliance](#)  
PDF[VIEW ALL PRODUCT COMPLIANCE](#)