



+ CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
24 MODII HDR DRRA SHRD .100CL

AMPMODU | [AMPMODU Headers](#)

1-103166-0
TE Internal Number: 1-103166-0

Not EU RoHS Compliant
Not EU ELV Compliant

Number of Positions 24
Centerline (Pitch) 2.54 mm [.1 in]
Connector & Contact Terminates To Printed Circuit Board
Connector Style Plug
Header Type Shrouded

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

HDR ASSY, MOD II, SHROUDED, 4 SIDES, DBL ROW, .100X.100 RIGHT ANGLE, W/ .025 SQ POSTS
PDF
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

English

FEATURES



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

- Connector & Contact Terminates To Printed Circuit Board
- Connector Style Plug
- Header Type Shrouded
- PCB Mounting Orientation Right Angle
- Connector Type Header
- Row-to-Row Spacing 2.54 mm [.1 in]
- Gasket Without
- Product Type Connector
- Profile Standard
- Stabilizers Without
- Board Standoff With
- Strain Relief Without

Configuration Features

- Selectively Loaded No
- Number of Positions 24
- Number of Rows 2
- Keyed No

Electrical Characteristics

- Dielectric Withstanding Voltage 750 Vrms

Body Features

- Post Size .64 mm [.025 in]

Contact Features

- Solder Tail Contact Plating Material Tin-Lead over Nickel
- Contact Protection With
- Contact Shape Square
- Contact Current Rating (Max) (A) 3
- Contact Base Material Phosphor Bronze
- Contact Type Pin
- Contact Mating Area Plating Thickness (µin) 30
- Contact Mating Area Plating Material Gold
- Contact Protection Type Shrouded

Termination Features

- Termination Method to PC Board Through Hole
- Termination Post Length 3.43 mm [.135 in]
- Termination End Plating Thickness (µin) 100 – 200
- Termination End Plating Material Tin

Mechanical Attachment

- Mating Connector Lock Type Detent Windows
- Panel Mount Retention Without
- Mating Connector Lock With
- PCB Mounting Style Through Hole
- Mating Alignment Type Polarization
- PCB Mount Retention Without
- Mating Alignment With

Housing Features

- Centerline (Pitch) 2.54 mm [.1 in]
- Housing Style 4-Sided
- Housing Material Thermoplastic
- Housing Color Black

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

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

Packaging Features

- Packaging Quantity 72
- Packaging Method Tray

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF

