



**CONNECTORS**

**MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

## MOD 2 PINHDR 2X10P.

AMPMODU | AMPMODU Headers

1-825440-0

TE Internal Number: 1-825440-0

EU RoHS Compliant

EU ELV Compliant

**Number of Positions** 20

**Centerline (Pitch)** 2.54 mm [ .1 in ]

**Connector & Contact Terminates To** Printed Circuit Board

**Connector Style** Plug

**Header Type** Breakaway, Standard

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

#### AMPMODU LI PIN HEADER, DUAL ROW

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

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Agency Approvals

Agency Approval Document

## AMPMODU CONNECTOR REPORT (GERMANY)

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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### Product Type Features

**Connector & Contact Terminates To** Printed Circuit Board

**Connector Style** Plug

**Header Type** Breakaway, Standard

**PCB Mounting Orientation** Vertical

**Connector Type** Header

**Row-to-Row Spacing** 2.54 mm [ .1 in ]

**Gasket** Without

**Profile** Standard

**Product Type** Connector

**Stabilizers** Without

**Board Standoff** Without

**Strain Relief** Without

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### Configuration Features

**Selectively Loaded** No

**Number of Positions** 20

**Number of Rows** 2

**Keyed** No

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### Electrical Characteristics

**Dielectric Withstanding Voltage** 750 V

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### Body Features

**Post Size** .63 mm [ .025 in ]

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### Contact Features

**Solder Tail Contact Plating Material** Tin over Nickel, Tin  
**Contact Protection** Without  
**Contact Shape** Square  
**Contact Base Material** Brass, CuZn  
**Contact Mating Area Plating Thickness (µm)** .7  
**Contact Type** Pin  
**Contact Mating Area Plating Material** Gold

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#### Termination Features

**Termination Method to PC Board** Through Hole  
**Termination Post Length** 3.2 mm [ .1259 in ]  
**Termination End Plating Material** Tin  
**Termination End Plating Thickness (µm)** 2.5

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#### Mechanical Attachment

**Panel Mount Retention** Without  
**Mating Connector Lock** Without  
**PCB Mounting Style** Through Hole  
**PCB Mount Retention** Without  
**Mating Alignment** Without

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#### Housing Features

**Centerline (Pitch)** 2.54 mm [ .1 in ]  
**Housing Material** PBT GF, Polyester-GF  
**Housing Color** Black, Green

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#### Dimensions

**PCB Thickness (Recommended) (mm)** .062  
**Mating Post Length** 6.7 mm [ .264 in ]

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#### Usage Conditions

**Operating Temperature Range (°C)** -65 – 105  
**High Temperature Housing** No

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#### Operation/Application

**High Speed Serial Data Connector** No

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#### Industry Standards

**UL Flammability Rating** UL 94V-0

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#### Packaging Features

**Packaging Quantity** 400  
**Packaging Method** Box

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#### Other

**Comment** Headers are side-to-side stackable., With strain relief.

Statement of Compliance

**Statement of Compliance**

PDF

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