

## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

### 2X22P AMPMODU II SHRD HDR, ST, TIN

AMPMODU | AMPMODU Headers

280388-1

TE Internal Number: 280388-1

EU RoHS Compliant

EU ELV Compliant

**Number of Positions** 44

**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

### AMPMODU II SHROUDED HEADER ASSEMBLY, DOUBLE ROW, STRAIGHT

PDF

English

CAD Files

### 3D PDF

PDF

3D

### 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

UL Report

## AMPMODU CONNECTOR REPORT

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** Shrouded

**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** 44

**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 (in)** .025

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### Contact Features

**Solder Tail Contact Plating Material** Tin  
**Contact Protection** With  
**Contact Shape** Round  
**Contact Base Material** Phosphor Bronze  
**Contact Type** Pin  
**Contact Mating Area Plating Material** Tin  
**Contact Protection Type** Shrouded

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#### Termination Features

**Termination Method to PC Board** Through Hole  
**Termination Post Length** 3.5 mm [.138 in]  
**Termination End Plating Material** Tin  
**Termination End Plating Thickness (μm)** 3.5

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#### 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

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#### Housing Features

**Centerline (Pitch)** 2.54 mm [.1 in]  
**Housing Style** 3-Sided  
**Housing Material** Thermoplastic  
**Housing Color** Black

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#### Dimensions

**Shrouded End Dimension (mm)** 1.65  
**Mating Post Length** 6.6 mm [.26 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

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

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#### Packaging Features

**Packaging Quantity** 125  
**Packaging Method** Box

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Statement of Compliance

**Statement of Compliance**

PDF

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