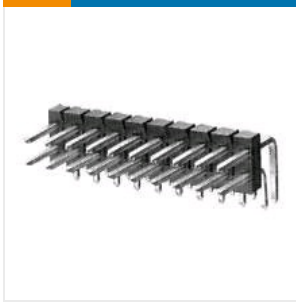+ CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES

✔ Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

MOD 2 PINHDR 2X12P.

AMPMODU | AMPMODU Headers

1-825457-2
TE Internal Number: 1-825457-2

Always EU RoHS/ELV Compliant

Applies To   **Printed Circuit Board**

Connector Style   **Plug**

Centerline   **2.54 mm [.1 in]**

Number of Positions   **24**

Header Type   **Breakaway, Standard**

Product Drawings	AMPMODU II PIN HEADER 90 DEGREE, DUAL ROW
	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

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	**Right Angle**
	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**

Configuration Features	Number of Positions	**24**
	Number of Rows	**2**
	Keyed	**No**
	Selectively Loaded	**No**

Electrical Characteristics	Dielectric Withstanding Voltage	**750 V**

Body Features	Header Type	**Breakaway, Standard**
	Post Size (mm)	**.63**

Contact Features	Contact Protection	**Without**
	Contact Shape	**Square**
	Contact Type	**Pin**
	Contact Base Material	**Brass, CuZn**
	Contact Mating Area Plating Thickness (µin)	**30**
	Solder Tail Contact Plating Material	**Tin over Nickel, Tin**
	Contact Mating Area Plating Material	**Gold**

Termination Features	Termination Post Length	**3.2 mm [.1259 in]**
	Termination End Plating Material	**Tin**
	Termination End Plating Thickness (µm)	**3 – 5**
	Termination Method to PC Board	**Through Hole**

Mechanical Attachment	PCB Mounting Style	**Through Hole**

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

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Green
	Housing Material	PBT GF, Polyester-GF

| Dimensions | PCB Thickness (Recommended) (mm) | .062 |
| | Mating Post Length | 6.7 mm [.264 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 | 150 |
| | Packaging Method | Carton |

| Other | Comment | With strain relief. |

Product Compliance

Statement of Compliance
PDF

VIEW ALL PRODUCT COMPLIANCE