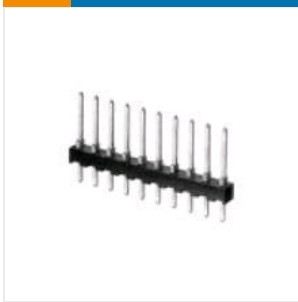+ CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

MOD 2 PINHDR 2X50P.

AMPMODU | AMPMODU Headers

5-825440-0
TE Internal Number: 5-825440-0

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **100**

Header Type **Breakaway, Standard**

Product Drawings	
	AMPMODU Ll 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**

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**

	Board Standoff	**Without**
	Profile	**Standard**
	Product Type	**Connector**
	Gasket	**Without**

Configuration Features	Number of Positions	**100**
	Number of Rows	**2**
	Keyed	**No**
	Selectively Loaded	**No**

Electrical Characteristics	Dielectric Withstanding Voltage	**750 V**

Body Features	Header Type	**Breakaway, Standard**
	Post Size	**.64 mm [.025 in]**

Contact Features	Contact Protection	**Without**
	Contact Shape	**Square**
	Contact Type	**Pin**
	Contact Base Material	**Brass, CuZn**
	Solder Tail Contact Plating Material	**Tin over Nickel, Tin**
	Contact Mating Area Plating Thickness (µm)	**.7**
	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)	**2.5**
	Termination Method to PC Board	**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	**Black, Green**
	Housing Material	**PBT GF, Polyester-GF**

	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**
Packaging Features	Packaging Quantity	**130**
	Packaging Method	**Carton**
Other	Comment	**Headers are side-to-side stackable., With strain relief.**

Product Compliance

Statement of Compliance
PDF

VIEW ALL PRODUCT COMPLIANCE