



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

TE CONNECTIVITY (TE) MOD 2 PINHDR 2X20P.

AMPMODU | AMPMODU Headers

2-825440-0

TE Internal Number: 2-825440-0

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **40**

Header Type **Breakaway, Standard**

Product Drawings

[AMPMODU LI PIN HEADER, DUAL ROW](#)

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

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	40
	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-GE

Housing Material

FR-4, Polyester

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

200

Packaging Method

Carton

Other

Comment

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

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)