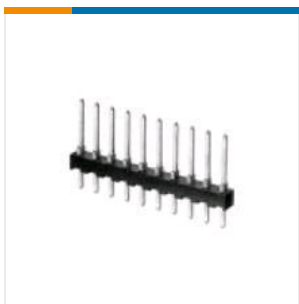




CONNECTORS

## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ 3D PDF

TE CONNECTIVITY (TE)

### MOD 2 PINHDR 2X18P.

AMPMODU | AMPMODU Headers

1-825440-8

TE Internal Number: 1-825440-8

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **36**

Header Type **Breakaway, Standard**



#### 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.

Product Type Features

Applies To

**Printed Circuit Board**

Connector Style

**Plug**

PCB Mounting Orientation

**Vertical**

	PCB Mounting Orientation	<b>Vertical</b>
	Connector Type	<b>Header</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Stabilizers	<b>Without</b>
	Strain Relief	<b>Without</b>
	Board Standoff	<b>Without</b>
	Profile	<b>Standard</b>
	Product Type	<b>Connector</b>
	Gasket	<b>Without</b>
<hr/>		
Configuration Features	Number of Positions	<b>36</b>
	Number of Rows	<b>2</b>
	Keyed	<b>No</b>
	Selectively Loaded	<b>No</b>
<hr/>		
Electrical Characteristics	Dielectric Withstanding Voltage	<b>750 V</b>
<hr/>		
Body Features	Header Type	<b>Breakaway, Standard</b>
	Post Size	<b>.64 mm [ .025 in ]</b>
<hr/>		
Contact Features	Contact Protection	<b>Without</b>
	Contact Shape	<b>Square</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Brass, CuZn</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel, Tin</b>
	Contact Mating Area Plating Thickness (µm)	<b>.7</b>
	Contact Mating Area Plating Material	<b>Gold</b>
<hr/>		
Termination Features	Termination Post Length	<b>3.2 mm [ .1259 in ]</b>
	Termination End Plating Material	<b>Tin</b>
	Termination End Plating Thickness (µm)	<b>2.5</b>
	Termination Method to PC Board	<b>Through Hole</b>
<hr/>		
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>Without</b>

Mating Connector Lock

**Without**

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Housing Features

Centerline

**2.54 mm [ .1 in ]**

Housing Color

**Black, Green**

Housing Material

**PBT GF, Polyester-GF**

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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

**200**

Packaging Method

**Carton**

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Other

Comment

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

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Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

