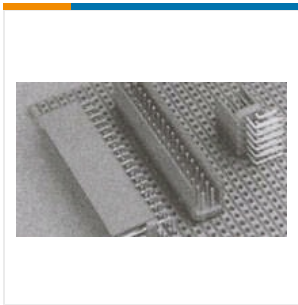




# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

## TE CONNECTIVITY (TE) HEADER HE14 RA 2X4 P AMPMODU | AMPMODU

281742-4  
TE Internal Number: 281742-4

Always EU RoHS/ELV Compliant  
Applies To **Printed Circuit Board**

Connector Style **Plug**  
Centerline **2.54 mm [ .1 in ]**

Number of Positions **8**  
Header Type **Shrouded**

### Product Drawings

[HEADERS HE14, DOUBLE ROW, RIGHT ANGLE](#)  
PDF (TIFF AVAILABLE)  
English

[HEADERS HE14, DOUBLE ROW, RIGHT ANGLE](#)  
PDF (TIFF AVAILABLE)  
English

### CAD Files

[Customer View Model](#)  
3D\_STP.ZIP  
English

[Customer View Model](#)  
2D\_DXF.ZIP  
English

[3D PDF](#)  
PDF  
English

[Customer View Model](#)  
3D\_IGS.ZIP  
English

[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

### Product Specifications

Product Specification

[MODULAR HEADERS AND PLUGS ACCORDING TO IEC 60603-8 SERIES \(HE13 HE14 SERIES\)](#)

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	<b>Printed Circuit Board</b>
	Connector Style	<b>Plug</b>
	PCB Mounting Orientation	<b>Right Angle</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>
	Product Type	<b>Connector</b>
	Gasket	<b>Without</b>

Configuration Features	Number of Positions	<b>8</b>
	Number of Rows	<b>2</b>
	Keyed	<b>No</b>
	Selectively Loaded	<b>No</b>

Body Features	Header Type	<b>Shrouded</b>
	Post Size	<b>.64 mm [ .025 in ]</b>

Contact Features	Contact Protection	<b>With</b>
	Contact Shape	<b>Square</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Protection Type	<b>Shrouded</b>
	Contact Current Rating (A)	<b>3</b>

Termination Features	Termination Method to Wire/Cable	<b>Crimp, Insulation Displacement Crimp (IDC)</b>
	Termination Post Length (mm)	<b>2.9</b>
	Termination End Plating Material	<b>Tin-Lead</b>

Termination Method to PC Board

**Through Hole**

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Mechanical Attachment

PCB Mounting Style

**Through Hole**

PCB Mount Retention

**Without**

Panel Mount Retention

**Without**

Mating Alignment

**Without**

Mating Connector Lock

**Without**

Mating Alignment Type

**Polarization**

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Housing Features

Centerline

**2.54 mm [ .1 in ]**

Housing Color

**Blue**

Housing Material

**High Temperature Thermoplastic**

Housing Style

**2-Sided**

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Dimensions

Shrouded End Dimension (mm)

**1.27**

Mating Post Length (mm)

**6.75**

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Usage Conditions

Operating Temperature Range (°C)

**-55 – 105**

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Industry Standards

UL Flammability Rating

**UL 94V-0**

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Packaging Features

Packaging Quantity

**500**

Packaging Method

**Box**

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Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)