



# HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

## TE CONNECTIVITY (TE) 10 MTE HDR SRRA SMT.100CL AMP | AMPMODU MTE

5-147324-9  
TE Internal Number: 5-147324-9

Always EU RoHS/ELV Compliant

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

Number of Positions **10**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Surface Mount**

Number of Rows **1**

### Product Drawings

[HEADER ASSEMBLY, LATCHING, RIGHT ANGLE SURFACE MOUNT, MTE, AMPMODU](#)

PDF  
English

### CAD Files

[3D PDF](#)  
PDF  
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[Customer View Model](#)  
2D\_DXF.ZIP  
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[Customer View Model](#)  
3D\_IGS.ZIP  
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[Customer View Model](#)  
3D\_STP.ZIP  
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### Catalog Pages/Data Sheets

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#)  
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[AMPMODU MTE INTERCONNECT SYSTEM](#)  
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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

PCB Mounting Orientation	<b>Right Angle</b>
Product Type	<b>Connector</b>
Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>

	Connector Type	<b>Header</b>
	Strain Relief	<b>Without</b>
	Connector Style	<b>Plug</b>
	PCB Orientation Feature	<b>No</b>
	Applies To	<b>Printed Circuit Board</b>
Configuration Features	Number of Positions	<b>10</b>
	Number of Rows	<b>1</b>
	Backwall/Post Interruptions	<b>Without</b>
Electrical Characteristics	Dielectric Withstanding Voltage	<b>600 V</b>
	Termination Resistance	<b>15 MΩ</b>
	Insulation Resistance	<b>5000 MΩ</b>
Body Features	Header Type	<b>Shrouded</b>
Contact Features	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Thickness	<b>2.54 – 5.08 μm [ 100 – 200 μin ]</b>
	Contact Type	<b>Pin</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Termination Area Plating Thickness	<b>2.54 – 5.08 μm [ 100 – 200 μin ]</b>
	Tail Plating Thickness	<b>2.54 – 5.08 μm [ 100 – 200 μin ]</b>
	Contact Current Rating (A)	<b>3</b>
	Contact Shape	<b>Square</b>
	Tail Plating Material	<b>Tin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Termination Area Plating Material Finish	<b>Matte</b>
	Contact Base Material	<b>Brass</b>
Termination Features	Termination Method to Wire/Cable	<b>Crimp, Insulation Displacement Crimp (IDC)</b>
Mechanical Attachment	PCB Mounting Style	<b>Surface Mount</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Retention	<b>With</b>
	PCB Mount Retention	<b>With</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment Type	<b>Latched</b>

Mating Alignment Type

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Mating Alignment

**With**

Mating Retention Type

**Polarized Lock**

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Housing Features

Centerline

**2.54 mm [ .1 in ]**

Housing Color

**Black**

Housing Material

**Thermoplastic**

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Dimensions

Tail Length

**3.05 mm [ .12 in ]**

Mating Post Length

**5.84 mm [ .23 in ]**

Length

**30.48 mm [ 1.2 in ]**

Height

**13.59 mm [ .535 in ]**

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Usage Conditions

Temperature Rating

**High**

Operating Temperature Range (°C)

**-65 – 105**

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Operation/Application

For Use With

**Receptacle Housing Assembly**

Pick and Place Cover

**Without**

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Industry Standards

UL Flammability Rating

**UL 94V-0**

Approved Standards

**CSA LR7189, UL E28476**

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Packaging Features

Packaging Method

**Tape & Reel**

Packaging Quantity

**300**

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Other

Comment

**Use Keying Tool No. 91417-1 to remove post for keying.**

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Product Compliance

[Statement of Compliance](#)  
PDF

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