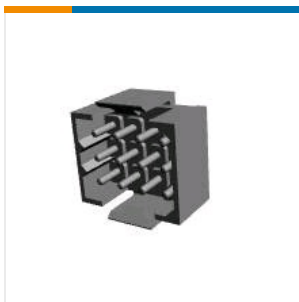




## STANDARD RECTANGULAR CONNECTORS



TE CONNECTIVITY (TE)

### METRIMATE PIN HEADER ASSY,12P

AMP | 12P , Metrimate

207120-4

TE Internal Number: 207120-4

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Polarization**

Mating Retention **With**

Mating Retention Type **Locking Tab**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

#### Product Drawings

#### [PIN HEADER ASSEMBLY, 12 POSITION, METRIMATE](#)

PDF  
English

#### CAD Files

#### [Customer View Model](#)

3D\_IGS.ZIP  
English

#### [Customer View Model](#)

3D\_STP.ZIP  
English

#### [Customer View Model](#)

2D\_DXF.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

Product Type

**Connector**

PCB Mounting Orientation

**Vertical**

Connector System

**Wire-to-Board**

Row-to-Row Spacing

**5 mm [ .197 in ]**

Connector Style

**Receptacle**

Connector Type

**Header**

Applies To

**Printed Circuit Board**

Configuration Features	Number of Positions	<b>12</b>
	Number of Rows	<b>3</b>
	Connector Configuration	<b>Square Grid</b>
Electrical Characteristics	Operating Voltage	<b>600 VAC [ 600 VDC ]</b>
Contact Features	Contact Current Rating (A)	<b>7.5</b>
	Contact Type	<b>Pin</b>
	Tail Plating Material	<b>Tin-Lead</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Contact Layout	<b>Matrix</b>
Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>
Mechanical Attachment	Mating Alignment	<b>With</b>
	Mating Alignment Type	<b>Polarization</b>
	Mating Retention	<b>With</b>
	Mating Retention Type	<b>Locking Tab</b>
	PCB Mount Retention	<b>Without</b>
Housing Features	Centerline	<b>5 mm [ .197 in ]</b>
	Housing Material	<b>Nylon</b>
	Housing Color	<b>Red</b>
Dimensions	PCB Thickness (Recommended)	<b>1.6 mm [ .063 in ]</b>
	Tail Length	<b>4.6 mm [ .181 in ]</b>
	Width (mm)	<b>24.23</b>
	Length (mm)	<b>32.51</b>
	Height (mm)	<b>11.79</b>
Usage Conditions	Operating Temperature Range	<b>-55 – 130 °C [ -67 – 221 °F ]</b>
Operation/Application	For Use With	<b>Plug Housing</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	CSA File Number	<b>LR16455</b>
	VDE Tested	<b>V...</b>

VDE Tested

**Yes**

UL Rating

**Certified, Recognized**

Agency/Standard

**CSA, UL**

UL File Number

**E28476**

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Packaging Features

Packaging Quantity

**70**

Packaging Method

**Tray, Tray/Box**

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Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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