



# STANDARD RECTANGULAR CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## MMATE PIN HEADER ASSY,3P LF

AMP | Metrimate

207541-7

TE Internal Number: 207541-7

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Polarization**

Mating Retention **With**

Mating Retention Type **Locking Latch**

### Product Drawings

PIN HEADER ASSEMBLY, 3 POSN, IN-LINE, RIGHT ANGLE, SMALL METRIC CONNECTOR, METRIMATE

PDF (TIFF AVAILABLE)  
English

PIN HEADER ASSEMBLY, 3 POSN, IN-LINE, RIGHT ANGLE, SMALL METRIC CONNECTOR, METRIMATE

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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

### Catalog Pages/Data Sheets

METRIMATE\_PIN\_SOCKET\_CATALOG

PDF  
English

### Product Specifications

Application Specification

METRIMATE Self-Locking Connectors

TIF  
Japanese

METRIMATE Self-Locking Connectors

PDF  
Japanese

Metrimate Self-Locking Connectors

PDF  
English

## Product Environmental Compliance

TE Material Declaration

[MD\\_207541-7\\_102820141030\\_dmtec](#)

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.

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Product Type Features	Product Type	<b>Connector</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Connector System	<b>Wire-to-Board</b>
	Connector Style	<b>Receptacle</b>
	Connector Type	<b>Header</b>
	Applies To	<b>Printed Circuit Board</b>

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Configuration Features	Number of Positions	<b>3</b>
	Number of Rows	<b>1</b>
	Connector Configuration	<b>Inline</b>

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Electrical Characteristics	Operating Voltage	<b>600 VAC [ 600 VDC ]</b>
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Contact Features	Contact Current Rating (A)	<b>7.5</b>
	Contact Type	<b>Pin</b>
	Tail Plating Material	<b>Tin</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Contact Layout	<b>Inline</b>

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Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>
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Mechanical Attachment	Mating Alignment	<b>With</b>
	Mating Alignment Type	<b>Polarization</b>
	Mating Retention	<b>With</b>
	Mating Retention Type	<b>Locking Latch</b>
	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Mounting Holes</b>

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Housing Features	Centerline	<b>5 mm [ .197 in ]</b>
	Housing Material	<b>Nylon GF</b>

Housing Color **Red**

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Dimensions

PCB Thickness (Recommended)	<b>1.6 mm [ .063 in ]</b>
Tail Length	<b>4.88 mm [ .192 in ]</b>
Width (mm)	<b>17.5</b>
Length (mm)	<b>36.86</b>
Height (mm)	<b>12.7</b>

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Usage Conditions

Operating Temperature Range	<b>-55 – 130 °C [ -67 – 266 °F ]</b>
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Operation/Application

For Use With	<b>Plug Housing</b>
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Industry Standards

UL Flammability Rating	<b>UL 94V-0</b>
CSA File Number	<b>LR16455</b>
VDE Tested	<b>Yes</b>
UL Rating	<b>Certified, Recognized</b>
Agency/Standard	<b>CSA, UL</b>
UL File Number	<b>E28476</b>

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Packaging Features

Packaging Quantity	<b>14</b>
Packaging Method	<b>Tube, Tube/Box</b>

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Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)