



CONNECTORS

## RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

### MICRO MNL HDR ASSY SINGLE ROW

MATE-N-LOK | Micro MATE-N-LOK

1445091-4

TE Internal Number: 1445091-4

Not EU RoHS or ELV Compliant  
[Find Compliant Alternatives](#)

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **5**

✓ Active

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)



#### Product Drawings

[RIGHT ANGLE SURF MOUNT HEADER ASSY, 0.38 MIC GOLD CONTACTS, W/SURF MNT HOLDDONWS](#)

PDF  
English

#### CAD Files

[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

#### Catalog Pages/Data Sheets

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

PDF  
English

[1773458-4\\_MICRO\\_MATE\\_N\\_LOK\\_CONNECTOR\\_SYSTEM\\_ORG](#)

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## Product Specifications

Application Specification

## Micro MATE-N-LOK Connectors

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>Header</b>
	Housing Type	<b>Plug</b>
	Contact Type	<b>Pin</b>

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Configuration Features	Number of Positions	<b>4</b>
	Centerline	<b>3 mm [ .118 in ]</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Number of Rows	<b>1</b>
	Multiple Contact Types	<b>Without</b>
	Contact Layout	<b>Inline</b>

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Electrical Characteristics	Contact Current Rating (A)	<b>5</b>
	Operating Voltage (VAC)	<b>250</b>
	Operating Voltage (VDC)	<b>250</b>

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Contact Features	Contact Termination Area Plating Material	<b>Tin-Lead</b>
	Contact Termination Area Plating Thickness	<b>2.54 <math>\mu</math>m [ 100 <math>\mu</math>in ]</b>

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Termination Features	Termination Method to Wire/Cable	<b>Solder</b>
	Termination Method to PC Board	<b>Surface Mount</b>
	Termination Post/Tail Length	<b>1.4 mm [ .055 in ]</b>

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Mechanical Attachment	Mating Alignment	<b>With</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Retention	<b>With</b>
	PCB Mount Retention	<b>With</b>
	Mating Retention Type	<b>Locking Tab</b>
	PCB Mount Retention Type	<b>Hold-Down Posts</b>
	Panel Mount Retention	<b>Without</b>

	Mating Alignment Type	Polarization
Housing Features	UL Flammability Rating	<b>UL 94V-0</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>High Temperature Nylon</b>
Dimensions	Accepts Wire Insulation Diameter Range (mm)	<b>3.2</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
	Width (mm)	<b>3.86</b>
	Height (mm)	<b>8.11</b>
	Length (mm)	<b>16</b>
Usage Conditions	Sealed Condition	<b>Not Sealed</b>
Operation/Application	Connector System	<b>Wire-to-Board</b>
	Applies To	<b>Printed Circuit Board</b>
	Operating Temperature	<b>-40 – 105 °C [ -40 – 221 °F ]</b>
Industry Standards	UL Rating	<b>Recognized</b>
	CSA File Number	<b>LR7189</b>
	Agency/Standard	<b>CSA, UL</b>
	VDE Tested	<b>Yes</b>
	CSA Rating	<b>Certified</b>
	Agency/Standard Number	<b>E28476</b>
Packaging Features	Packaging Method	<b>Reel</b>
	Packaging Quantity	<b>215</b>

Product Compliance

[Statement of Compliance](#)  
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