



## STANDARD RECTANGULAR CONNECTORS



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↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### MICRO MNL HDR ASSY SINGLE ROW

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

1445091-5

TE Internal Number: 1445091-5

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**

#### 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](#)

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

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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.

Product Type Features	Product Type	<b>Connector</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Sealed	<b>No</b>
	Connector System	<b>Wire-to-Board</b>
	Connector Style	<b>Plug</b>
	Connector Type	<b>Header</b>
	Applies To	<b>Printed Circuit Board</b>
Configuration Features	Number of Positions	<b>5</b>
	Number of Rows	<b>1</b>
Electrical Characteristics	Operating Voltage	<b>250 VAC [ 250 VDC ]</b>
Body Features	Hold-Down Plating Material	<b>Tin-Lead</b>
Contact Features	Contact Current Rating (A)	<b>5</b>
	Tail Plating Thickness	<b>2.54 <math>\mu\text{m}</math> [ 100 <math>\mu\text{in}</math> ]</b>
	Multiple Contact Types	<b>Without</b>
	Contact Type	<b>Pin</b>
	Tail Plating Material	<b>Tin-Lead</b>
	Contact Layout	<b>Inline</b>
Termination Features	Termination Method to PC Board	<b>Surface Mount</b>
	Termination Method to Wire/Cable	<b>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>With</b>
	PCB Mount Retention Type	<b>Hold-Down Posts</b>
	PCB Mount Alignment	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
Housing Features	Centerline	<b>3 mm [ .118 in ]</b>
	Housing Material	<b>High Temperature Nylon</b>
	Housing Color	<b>Black</b>

Dimensions	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
	Tail Length	<b>1.4 mm [ .055 in ]</b>
	Width (mm)	<b>3.86</b>
	Length (mm)	<b>19</b>
	Accepts Wire Insulation Diameter Range (mm)	<b>3.2</b>
	Height (mm)	<b>8.11</b>

Usage Conditions	Operating Temperature Range	<b>-40 – 105 °C [ -40 – 221 °F ]</b>
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Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	CSA File Number	<b>LR7189</b>
	VDE Tested	<b>Yes</b>
	CSA Rating	<b>Certified</b>
	UL Rating	<b>Recognized</b>
	Agency/Standard	<b>CSA, UL</b>
	UL File Number	<b>E28476</b>

Packaging Features	Packaging Quantity	<b>215</b>
	Packaging Method	<b>Tape</b>

Product Compliance [Statement of Compliance PDF](#)  
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Products - 1 Results

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Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors  
 MATE-N-LOK I Micro MATE-N-LOK  
**MICRO MNL RFECEPT**  
**HSG SINGLE R**  
**- 1445022-5**

Always EU RoHS/ELV Compliant





- 1440022-5

TE INTERNAL NUMBER: 1445022-5

ALIAS ID: 994182-000, AMPS-0-1445022-5

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