



## STANDARD RECTANGULAR CONNECTORS



TE CONNECTIVITY (TE)

### 14POS MICRO MNL ASSY,R/A,SMT

[MATE-N-LOK](#) | [Micro MATE-N-LOK](#)

1-794627-4

TE Internal Number: 1-794627-4

[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

[SURFACE MOUNT,RIGHT ANGLE,SURFACE MOUNT HOLD DOWN,ASSEMBLY,TIN HEADER,](#)

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\\_QRG](#)

PDF  
English

#### Product Specifications

Product Specification

[3 Mm Micro MATE-N-LOK Connector](#)

PDF  
English

Application Specification

[Micro MATE-N-LOK Connectors](#)

PDF  
English

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>
	Row-to-Row Spacing	<b>4.62 mm [ .181 in ]</b>
	Connector Style	<b>Plug</b>
	Strain Relief	<b>Without</b>
	Connector Type	<b>Header</b>
	Applies To	<b>Printed Circuit Board</b>
Configuration Features	Number of Positions	<b>14</b>
	Number of Rows	<b>2</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</math>m [ 100 <math>\mu</math>in ]</b>
	Multiple Contact Types	<b>Without</b>
	Contact Type	<b>Pin</b>
	Tail Plating Material	<b>Tin-Lead</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>
	Contact Retention	<b>Without</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 (mm)	<b>.65, 1.16</b>
	Tail Length (in)	<b>.026, .046</b>
	Width (mm)	<b>7.37</b>
	Length (mm)	<b>21.86</b>
	Wire/Cable Size (CMA)	<b>100.5 – 1022</b>
	Wire/Cable Size (mm²)	<b>.05 – .51</b>
	Insulation Diameter (Max) (mm)	<b>1.52</b>
	Wire/Cable Size (AWG)	<b>30 – 20</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>150</b>
	Packaging Method	<b>Box</b>

Product Compliance [Statement of Compliance PDF](#)  
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 1 Results

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Relation Type 

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors  
MATE-N-LOK I Micro MATE-N-LOK

**14POS, MICRO MNL,  
RCPT HSG - 1-794617-4**

TE INTERNAL NUMBER: 1-794617-4

✓ Active

[Always EU RoHS/ELV Compliant](#)

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Board, Wire-to-Wire**

Applies To **Printed Circuit Board, Wire/Cable**

Number of Positions **14**

