



## STANDARD RECTANGULAR CONNECTORS



TE CONNECTIVITY (TE)

### 8POS MICRO MNL ASSY,VRT,SMT

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

794634-8

TE Internal Number: 794634-8

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, VERTICAL, MECHANICAL HOLDDOWN, ASSEMBLY, 15 GOLD 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

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>Vertical</b>
	Sealed	<b>No</b>
	Connector System	<b>Wire-to-Board</b>
	Row-to-Row Spacing	<b>3 mm [ .118 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>8</b>
	Number of Rows	<b>2</b>
Electrical Characteristics	Operating Voltage	<b>250 VAC [ 250 VDC ]</b>
Contact Features	Contact Plating Material	<b>Gold</b>
	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>Boardlocks</b>
	Contact Retention	<b>Without</b>
	Boardlock Plating Material	<b>Tin-Lead</b>
	Boardlock Material	<b>Phosphor Bronze</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>1.53 mm [ .06 in ]</b>
	Length (mm)	<b>12.86</b>
	Wire/Cable Size (CMA)	<b>100.5 – 1022</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.05 – .5</b>
	Insulation Diameter (Max) (mm)	<b>1.52</b>
	Wire/Cable Size (AWG)	<b>30 – 20</b>
Usage Conditions	Operating Temperature Range	<b>-40 – 105 °C [ -40 – 221 °F ]</b>
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>175</b>
	Packaging Method	<b>Tape</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

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  
**8POS, MICRO MNL,  
RCPT HSG - 794617-8**  
TE INTERNAL NUMBER: 794617-8

✓ 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 **8**