



STANDARD RECTANGULAR CONNECTORS



TE CONNECTIVITY (TE)

6POS MICRO MNL ASSY,VRT,THRU

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

794682-6

TE Internal Number: 794682-6

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

[VERTICAL HEADER ASSEMBLY, THRU HOLE, 30 GOLD, DUAL ROW, MICRO MATE-N-LOK](#)

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	Connector
	PCB Mounting Orientation	Vertical
	Sealed	No
	Connector System	Wire-to-Board
	Row-to-Row Spacing	3 mm [.118 in]
	Connector Style	Plug
	Connector Type	Header
	Applies To	Printed Circuit Board

Configuration Features	Number of Positions	6
	Number of Rows	2

Electrical Characteristics	Operating Voltage (VAC)	250
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Contact Features	Contact Plating Material	Gold
	Contact Current Rating (A)	5
	Tail Plating Thickness	2.54 μm [100 μin]
	Multiple Contact Types	Without
	Contact Type	Pin
	Tail Plating Material	Tin-Lead


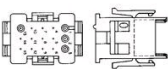
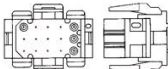

Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Method to Wire/Cable	Solder

Mechanical Attachment	Mating Alignment	With
	Mating Alignment Type	Polarization
	Mating Retention	With
	Mating Retention Type	Locking Tab
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks, Retention Bump
	PCB Mount Alignment	Without
	Boardlock Plating Material	Tin-Lead
	Boardlock Material	Phosphor Bronze
	Panel Mount Retention	Without

Housing Features	Centerline	3 mm [.118 in]
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	Housing Material	Nylon GF
	Housing Color	Black
Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Tail Length	3.18 mm [.125 in]
	Width (mm)	6.86
	Length (mm)	13
	Height (mm)	13.97
Usage Conditions	Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
Industry Standards	UL Flammability Rating	UL 94V-0
	CSA File Number	LR7189
	VDE Tested	Yes
	CSA Rating	Certified
	UL Rating	Recognized
	Agency/Standard	CSA, UL
	UL File Number	E28476
Packaging Features	Packaging Quantity	286
	Packaging Method	Tray, Tray/Box
Other	Comment	Retention feature located on end contacts only.
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>MICRO MNL HDR ASSY S/ROW LF 2-1445054-3</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>09P MR II CAP HSG V0 RED 1-640511-0</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>09P MR II PLUG HSG V0 RED 1-640521-0</p>	<p>POWER CONTACTS</p>  <p>MR SPLIT PIN 26-18 PTPHBRZ LP 640545-1</p>
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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - Rectangular Power Connectors MATE-N-LOK I Micro MATE-N-LOK 6POS, MICRO MNL, RCPT HSG - 794617-6 TE INTERNAL NUMBER: 794617-6</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Housing</p> <p>Housing Type Receptacle</p> <p>Connector System Wire-to-Board, Wire-to-Wire</p> <p>Applies To Printed Circuit Board, Wire/Cable</p> <p>Number of Positions 6</p>