



## RECTANGULAR POWER CONNECTORS



✓ Active

[↓](#) **PRODUCT DRAWING**  
English

[↓](#) **3D PDF**



TE CONNECTIVITY (TE)

micro mnl hdr assy s/row au lf

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

2-1445085-6

TE Internal Number: 2-1445085-6

[Always EU RoHS/ELV Compliant](#)

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **5**

### Product Drawings

[VERTICAL THRU HOLE HEADER ASSY, 0.38 MIC GOLD CONTACTS W/THRU HOLE HOLDDOWNS, SG](#)

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

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>Header</b>
	Housing Type	<b>Plug</b>
	Contact Type	<b>Pin</b>
Configuration Features	Number of Positions	<b>6</b>
	Centerline	<b>3 mm [ .118 in ]</b>
	PCB Mounting Orientation	<b>Vertical</b>
	Number of Rows	<b>1</b>
	Multiple Contact Types	<b>Without</b>
	Contact Layout	<b>Inline</b>
Electrical Characteristics	Contact Current Rating (A)	<b>5</b>
	Operating Voltage (VAC)	<b>250</b>
	Operating Voltage (VDC)	<b>250</b>
Contact Features	Contact Retention	<b>Without</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Termination Area Plating Thickness	<b>2.54 μm [ 100 μin ]</b>
Termination Features	Wire/Cable Size (AWG)	<b>30 – 20</b>
	Termination Method to Wire/Cable	<b>Solder</b>
	Termination Method to PC Board	<b>Through Hole - Solder</b>
	Termination Post/Tail Length	<b>3.18 mm [ .125 in ]</b>
Mechanical Attachment	Mating Alignment	<b>With</b>
	Mating Retention	<b>With</b>
	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Boardlocks</b>
	Mating Alignment Type	<b>Polarization</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Retention Type	<b>Locking Tab</b>
	Panel Mount Retention	<b>Without</b>
	Strain Relief	<b>Without</b>
Housing Features	UL Flammability Rating	<b>UL 94V-0</b>
	Housing Color	<b>Black</b>

	Housing Material	High Temperature Nylon
	Boardlock Material	Phosphor Bronze
Dimensions	PCB Thickness (Recommended)	1.57 mm [ .062 in ]
	Insulation Diameter (Max) (mm)	1.52
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-40 – 105 °C [ -40 – 221 °F ]
Identification Marking	Circuit Identification Feature	With
Industry Standards	VDE Tested	Yes
	CSA Rating	Certified
	Agency/Standard Number	E28476
	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
Packaging Features	Packaging Method	Tray, Tray/Box
	Packaging Quantity	154
Other	For Use With	Single Row Receptacle Housing
Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

Products - 1 Results

[View All](#)


Compare 0/10



Relation Type



RELATIONSHIP  
Mating Products

PRODUCT - MATING PRODUCTS		
	Connectors - Rectangular Power Connectors MATE-N-LOK   Micro MATE-N-LOK	Always EU RoHS/ELV Compliant
	<div><div>MICRO MNL RFECEPT</div><div>HSG SINGLE R</div><div>- 1445022-6</div><div>TE INTERNAL NUMBER: 1445022-6</div></div> <div>✓ Active</div>	