



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

micro mnl hdr assy s/row au lf

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

2-1445085-3

TE Internal Number: 2-1445085-3

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**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

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

	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	266
Other	For Use With	Single Row Receptacle Housing
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p> <p>06P UMNL PIN HDR ASSY V2 LF</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>micro mnl hdr assy s/row au lf</p>	<p>RECTANGULAR POWER CONNECTORS</p> <p>16P MICRO MNL ASSY, R/A, HDR LF</p>	<p>BOARD-TO-BOARD HEADERS & RECEPTACLES</p> <p>0.8FH, R13H.5, 160, 08/Sn, TR, SC</p>
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Products - 1 Results

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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		
	<p>Connectors - Rectangular Power Connectors</p> <p>MATE-N-LOK I Micro MATE-N-LOK</p> <p>MICRO MNL RFECEPT</p> <p>HSG SINGLE R</p> <p>- 1445022-3</p> <p>TE INTERNAL NUMBER: 1445022-3</p> <p> Active</p>	<p>Always EU RoHS/ELV Compliant</p>