



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

MICRO MNL HDR ASSY SINGLE ROW

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

2-1445057-4

TE Internal Number: 2-1445057-4

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

[RT ANGLE SURFACE MOUNT HEADER ASSY, TIN CONTACTS W/SURF MOUNT
HOLDDOWNS,](#)

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	4
	Centerline	3 mm [.118 in]
	PCB Mounting Orientation	Right Angle
	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 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	Surface Mount
	Termination Post/Tail Length	1.4 mm [.055 in]
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Hold-Down Posts
	Mating Retention Type	Locking Tab
	Panel Mount Retention	Without
	Strain Relief	Without
	Mating Alignment Type	Polarization
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Black
	Housing Material	High Temperature Nylon
	Boardlock Material	Phosphor Bronze

Dimensions	Insulation Diameter (Max) (mm)	1.52
	PCB Thickness (Recommended)	1.57 mm [.062 in]
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]
Industry Standards	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
	VDE Tested	Yes
	CSA Rating	Certified
	Agency/Standard Number	E28476
Packaging Features	Packaging Method	Tape
	Packaging Quantity	215
Other	For Use With	Receptacle Housing
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	BOX MOUNT D-SUB CONNECTORS	RIBBON CABLE CONNECTORS	TRIMMERS
<p>MICRO MNL HDR ASSY S/ROW LF 2-1445100-4</p> <p> Save to List Find Similar Products</p>	<p>AMPLIMITE, ASY, RCPT, STD, 109, ZN, 2, CT 1757820-7</p> <p> Save to List Find Similar Products</p>	<p>18P.MICRO-MATCH MOB 8-215464-8</p> <p> Save to List Find Similar Products</p>	<p>3150W 500R 3150W501P</p> <p> Save to List Find Similar Products</p>

Products - 1 Results

[View All](#)

[Compare 0/10](#) 

Relation Type 

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

Always EU RoHS/ELV Compliant

**MICRO MNL RFECEPT
HSG SINGLE R**
- 1445022-4

TE INTERNAL NUMBER: 1445022-4

 Active