



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

MICRO MNL HDR ASSY SINGLE ROW

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

1445055-2

TE Internal Number: 1445055-2

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

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

[RIGHT ANGLE THRU HOLEHEADER ASSY, TIN CONTACTS W/PLASTIC 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	2
	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 Termination Area Plating Material	Tin-Lead
	Contact Termination Area Plating Thickness	2.54 μm [100 μin]
Termination Features	Termination Method to Wire/Cable	Solder
	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3.05 mm [.12 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
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Black
	Housing Material	High Temperature Nylon
	Boardlock Material	High Temperature Nylon
Dimensions	Accepts Wire Insulation Diameter Range (mm)	1.52

Width (mm)	7.88
Height (mm)	10
PCB Thickness (Recommended)	1.57 mm [.062 in]

Usage Conditions	Sealed Condition	Not Sealed
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Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-40 – 105 °C [-40 – 221 °F]

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	350

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)