



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

MICRO MNL HDR ASSY S/ROW AU LF

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

2-1445098-2

TE Internal Number: 2-1445098-2

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

[RIGHT ANGLE THRU HOLE HEADER ASSY, 0.76 MIC GOLD CONTACTS, W/PLASTIC HOLDDOWNS,S](#)

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

Product Environmental Compliance

TE Material Declaration

[MD_2-1445098-2_100320132339_dmtec](#)

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
	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	3.05 mm [.12 in]
Mechanical Attachment	Mating Alignment	With
	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Retention Type	Locking Tab
	Panel Mount Retention	Without
	Mating Alignment Type	Polarization
Housing Features	UL Flammability Rating	UL 94V-0

Housing Color	Black
Housing Material	High Temperature Nylon
Boardlock Material	High Temperature Nylon

Dimensions	Insulation Diameter (Max) (mm)	1.52
	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	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	Tray, Tray/Box
	Packaging Quantity	350

Other	For Use With	Receptacle Housing
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Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 1 Results

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Relation Type 

RELATIONSHIP
Mating Products
 Used to identify Mating Parts

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

Always EU RoHS/ELV Compliant

MICRO MNL RECEPT HSG SINGLE R - 1445022-2

TE INTERNAL NUMBER: 1445022-2

✓ Active