



## RECTANGULAR POWER CONNECTORS



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English

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TE CONNECTIVITY (TE)

### MICRO MNL HDR ASSY S/ROW AU LF

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

2-1445097-2

TE Internal Number: 2-1445097-2

[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**

#### Product Drawings

[RT ANG THRU HOLE HDR ASSY,0.76 MIC GOLD CONT,THRU HOLE  
HOLDOWN,SGL ROW,MICRO MNL](#)

PDF ([TIFF AVAILABLE](#))  
English

[RT ANG THRU HOLE HDR ASSY,0.76 MIC GOLD CONT,THRU HOLE  
HOLDOWN,SGL ROW,MICRO MNL](#)

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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

..... 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 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	2.89 mm [ .113 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	Phosphor Bronze

Dimensions	Width (mm)	8.92
	Height (mm)	3.86
	PCB Thickness (Recommended)	1.57 mm [ .062 in ]
	Length (mm)	10.14
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	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	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

Products - 1 Results

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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 RECEPT





## HSG SINGLE R - 1445022-2

TE INTERNAL NUMBER: 1445022-2

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