



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

MICRO MNL HDR ASSY S/ROW AU LF

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

2-1445089-4

TE Internal Number: 2-1445089-4

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

RIGHT ANGLE THRU HOLE HEADER ASSY, 0.38 MIC GOLD CONTACTS,WITH 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	4
	Centerline	3 mm [.118 in]
	PCB Mounting Orientation	Right Angle
	Number of Power Positions	6
	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
	Termination Post/Tail Length	3.51 mm [.14 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

Width (mm)

8.92

Height (mm)

7.88

PCB Thickness (Recommended)

1.57 mm [.062 in]

Length (mm)

22.14

Accepts Wire Insulation Diameter Range (in)

.05 – .6

Usage Conditions

Sealed Condition

Not Sealed

Shielded

No

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

210

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

[See All Mating Products](#)



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

Always EU RoHS/ELV Compliant

MICRO MNL RFECEPT HSG SINGLE R - 1445022-4

TE INTERNAL NUMBER: 1445022-4

✓ Active