



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

MICRO MNL HDR ASSY SINGLE ROW

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

2-1445057-5

TE Internal Number: 2-1445057-5

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	5
	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	

Products - 1 Results

[View All](#)

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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

MICRO MNL RFECEPT

Always EU RoHS/ELV Compliant



HSG SINGLE R - 1445022-5

TE INTERNAL NUMBER: 1445022-5

ALIAS ID: 994182-000, AMPS-0-1445022-5

✓ Active