



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

MICRO MNL HDR ASSY S/ROW AU LF

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

2-1445087-2

TE Internal Number: 2-1445087-2

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

VERTICAL SURFACE MOUNT HEADER ASSY, 15 MIC GOLD CONTACTS,SURFACE 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	2
	Centerline	3 mm [.118 in]
	PCB Mounting Orientation	Vertical
	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 Mating Area Plating Material	Gold
	Contact Termination Area Plating Thickness	2.54 μm [100 μin]
Termination Features	Wire/Cable Size (AWG)	30 – 20
	Wire/Cable Size (mm ²)	.05 – .5
	Wire/Cable Size (CMA)	100.5 – 1022
	Termination Method to Wire/Cable	Solder
	Termination Method to PC Board	Surface Mount
	Termination Post/Tail Length	1.53 mm [.06 in]
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Hold-Down
	Mating Alignment Type	Polarization
	PCB Mount Alignment	Without
	Mating Retention Type	Locking Tab
	Panel Mount Retention	Without
	Strain Relief	Without

Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Black
	Housing Material	High Temperature Nylon
Dimensions	Width (mm)	3.86
	Height (mm)	9.24
	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Length (mm)	7
	Insulation Diameter (Max) (mm)	1.52
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	Tape
	Packaging Quantity	210
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 1 Results

[View All](#)

Compare 0/10



Relation Type



RELATIONSHIP



PRODUCT - MATING PRODUCTS



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