



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

MICRO MNL HDR ASSY S/ROW LF

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

2-1445054-3

TE Internal Number: 2-1445054-3

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, TIN CONTACTS W/THRU HOLE
HOLDDOWNS, SINGLE RO](#)

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_2-1445054-3_050420142257_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	3
	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	Termination Method to Wire/Cable	Solder
	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3.18 mm [.125 in]

Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Alignment Type	Polarization
	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
Boardlock Material	Phosphor Bronze

Dimensions	Accepts Wire Insulation Diameter Range (mm)	1.52
	Width (mm)	3.86
	Height (mm)	10.43
	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	266

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>STANDARD RECTANGULAR CONNECTORS</p> <p>6POS MICRO MNL ASSY, VRT, THRU 794682-6</p>	<p>RECTANGULAR POWER CONNECTORS</p> <p>09P MR II CAP HSG V0 RED 1-640511-0</p>	<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p> <p>24 MODII HDR DRST SHRD .100CL 6-103168-0</p>	<p>RECTANGULAR POWER CONNECTORS</p> <p>FREE HANG DBL ROW HSG 20 POS 2-794616-0</p>	
---	--	---	--	---

Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products
---	---	---	---

Products - 1 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - 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
- 1445022-3

TE INTERNAL NUMBER: 1445022-3

✓ Active