



STANDARD RECTANGULAR CONNECTORS



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↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE)

MICRO MNL HDR ASSY SINGLE ROW

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

1445087-5

TE Internal Number: 1445087-5

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Polarization**

Mating Retention **With**

Mating Retention Type **Locking Tab**

Product Drawings

[VERTICAL SURFACE MOUNT HEADER ASSY, 15 MIC GOLD CONTACTS,SURFACE MOUNT HOLDDOWNS](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
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[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	Connector
	PCB Mounting Orientation	Vertical
	Sealed	No
	Connector System	Wire-to-Board
	Connector Style	Plug
	Strain Relief	Without
	Connector Type	Header
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	5
	Number of Rows	1
Electrical Characteristics	Operating Voltage	250 VAC [250 VDC]
Body Features	Hold-Down Plating Material	Tin-Lead
Contact Features	Contact Plating Material	Gold
	Contact Current Rating (A)	5
	Tail Plating Thickness	2.54 μm [100 μin]
	Multiple Contact Types	Without
	Contact Type	Pin
	Tail Plating Material	Tin-Lead
	Contact Layout	Inline
Termination Features	Termination Method to PC Board	Surface Mount
	Termination Method to Wire/Cable	Solder
Mechanical Attachment	Mating Alignment	With
	Mating Alignment Type	Polarization
	Mating Retention	With
	Mating Retention Type	Locking Tab
	PCB Mount Retention	With
	PCB Mount Retention Type	Hold-Down
	Contact Retention	Without
	PCB Mount Alignment	Without
	Panel Mount Retention	Without

Housing Features	Centerline	3 mm [.118 in]
	Housing Material	High Temperature Nylon
	Housing Color	Black
Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Tail Length	1.53 mm [.06 in]
	Width (mm)	3.86
	Length (mm)	16
	Wire/Cable Size (CMA)	100.5 – 1022
	Wire/Cable Size (mm ²)	.05 – .5
	Insulation Diameter (Max) (mm)	1.52
	Wire/Cable Size (AWG)	30 – 20
	Height (mm)	9.24
Usage Conditions	Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
Industry Standards	UL Flammability Rating	UL 94V-0
	CSA File Number	LR7189
	VDE Tested	Yes
	CSA Rating	Certified
	UL Rating	Recognized
	Agency/Standard	CSA, UL
	UL File Number	E28476
Packaging Features	Packaging Quantity	210
	Packaging Method	Tape
Other	Comment	Vacuum pick-up button.
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

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PRODUCT - MATING PRODUCTS



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

Always EU RoHS/ELV Compliant

**MICRO MNL RFECEPT
HSG SINGLE R
- 1445022-5**

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

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