



STANDARD RECTANGULAR CONNECTORS



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TE CONNECTIVITY (TE)

MICRO MNL HDR ASSY SINGLE ROW

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

1445084-2

TE Internal Number: 1445084-2

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 THRU HOLE HEADER ASSY, 0.38 MIC GOLD CONTACTS W/PCB PLZN FEATURE,SGL RO](#)

PDF
English

CAD Files

[Customer View Model](#)

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

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3D

[Customer View Model](#)

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3D_STP.ZIP
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

PDF
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[1773458-4_MICRO_MATE_N_LOK_CONNECTOR_SYSTEM_QRG](#)

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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
	Shrouded	Yes
	Connector Type	Header
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	2
	Number of Rows	1
Electrical Characteristics	Operating Voltage	250 VAC [250 VDC]
Contact Features	Contact Plating Material	Tin-Lead
	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	Through Hole - Solder
	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	Retention Bump
	PCB Mount Alignment	With
	PCB Mount Alignment Type	Polarization
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	3.18 mm [.125 in]
	Width (mm)	3.86
	Insulation Diameter (Max) (in)	.06
	Wire/Cable Size (mm ²)	.2 – .6
	Wire/Cable Size (AWG)	24 – 20

Usage Conditions Operating Temperature Range **-40 – 105 °C [-40 – 221 °F]**

Operation/Application For Use With **Receptacle**

Identification Marking Circuit Identification Feature **Without**

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 **504**

Packaging Method **Package**

Product Compliance [Statement of Compliance](#)
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Relation Type ▼

RELATIONSHIP
Mating Products

PRODUCT - MATING PRODUCTS



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

Always EU RoHS/ELV Compliant

**MICRO MNL RECEPT
HSG SINGLE R
- 1445022-2**

TE INTERNAL NUMBER: 1445022-2

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