



STANDARD RECTANGULAR CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

MICRO MNL HDR ASSY S/ROW AU LF

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

2-1445090-3

TE Internal Number: 2-1445090-3

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Polarization**

Mating Retention **With**

Mating Retention Type **Locking Tab**

Product Drawings

[RT ANG SURF MT HDR ASSY,0.38 MIC GOLD CONT,THRU HOLE
HOLDDOWN,SGL ROW,MICRO MNL](#)

PDF (TIFF AVAILABLE)
English

[RT ANG SURF MT HDR ASSY,0.38 MIC GOLD CONT,THRU HOLE
HOLDDOWN,SGL ROW,MICRO MNL](#)

PDF (TIFF AVAILABLE)
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

Drawing for all design activity.

Product Type Features	Product Type	Connector
	PCB Mounting Orientation	Right Angle
	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	3
	Number of Rows	1

Electrical Characteristics	Operating Voltage	250 VAC [250 VDC]
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Contact Features	Contact Current Rating (A)	5
	Tail Plating Finish	Matte
	Tail Plating Thickness	2.54 μm [100 μin]
	Multiple Contact Types	Without
	Contact Type	Pin
	Tail Plating Material	Tin
	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	Boardlocks
	Contact Retention	Without
	PCB Mount Alignment	Without
	Boardlock Plating Material	Tin
	Boardlock Material	Phosphor Bronze

Boardlock Plating Finish

Matte

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

1.4 mm [.055 in]

Width (mm)

3.86

Length (mm)

13

Accepts Wire Insulation Diameter Range (mm)

3

Height (mm)

8.11

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

215

Packaging Method

Tape

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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 | Micro MATE-N-LOK

Always EU RoHS/ELV Compliant

MICRO MNL RFECEPT

HSG SINGLE R

- 1445022-3

TE INTERNAL NUMBER: 1445022-3

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