



STANDARD RECTANGULAR CONNECTORS



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↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

6POS MICRO MNL ASSY,R/A,SMT

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

794626-6

TE Internal Number: 794626-6

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

[SURFACE MOUNT,RIGHT ANGLE,MECHANICAL HOLDDOWN,ASSEMBLY,30 GOLD HEADER,](#)

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](#)

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English

Product Specifications

Product Specification

[3 Mm Micro MATE-N-LOK Connector](#)

PDF
English

Application Specification

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

PDF
English

Product Type Features	Product Type	Connector
	PCB Mounting Orientation	Right Angle
	Sealed	No
	Connector System	Wire-to-Board
	Row-to-Row Spacing	4.62 mm [.18 in]
	Connector Style	Plug
	Strain Relief	Without
	Connector Type	Header
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	6
	Number of Rows	2
Electrical Characteristics	Operating Voltage	250 VAC [250 VDC]
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
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-Lead
	Boardlock Material	Phosphor Bronze
	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 (mm)	.65, 1.16
	Tail Length (in)	.026, .046
	Width (mm)	6.86
	Length (mm)	9.86
	Wire/Cable Size (CMA)	100.5 – 1022
	Wire/Cable Size (mm²)	.05 – .51
	Insulation Diameter (Max) (mm)	1.52
	Wire/Cable Size (AWG)	30 – 20
	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	150
	Packaging Method	Package
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

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

**6POS, MICRO MNL,
RCPT HSG - 794617-6**

TE INTERNAL NUMBER: 794617-6

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Board, Wire-to-Wire**

Applies To **Printed Circuit Board, Wire/Cable**

Number of Positions **6**

