

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

TE Internal #: 794616-8

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 8 Position, 3 mm [.118 in] Centerline, Wire & Cable, UL 94V-0, Micro

MATE-N-LOK

View on TE.com >

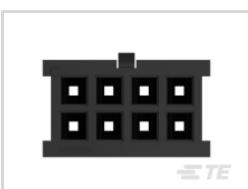


Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors











Rectangular Power Connector Type: Housing

Connector & Housing Type: Plug
Connector System: Wire-to-Wire

Number of Positions: 8

Centerline (Pitch): 3 mm [.118 in]

### **Features**

# **Product Type Features**

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	8
Number of Rows	2
Electrical Characteristics	
Operating Voltage	250 VDC
Contact Features	
Contact Current Rating (Max)	5 A
Contact Retention Within Housing	Without

Pin

Contact Type



Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Strain Relief	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Mating Retention Type	Locking Tab
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	3 mm[.118 in]
Housing Color	Black
Housing Material	Nylon 66/6
Dimensions	
Compatible Insulation Diameter (Max)	1.52 mm[.06 in]
Connector Height	6.86 mm
Product Length	12.85 mm
Wire Size	.051 – .517 mm²
Row-to-Row Spacing	3 mm[.118 in]
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CNR, USR
Compatible With Approved Standards Products	UL E28476, VDE 40005280
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	



Packaging Quantity	1000
Packaging Method	Bag

### **Product Compliance**

For compliance documentation, visit the product page on TE.com>

FILD a LIC Divis ations 2011 // F/FIL	Campaliant
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

# **Compatible Parts**



Also in the Series | Micro MATE-N-LOK





Connector Contacts(27)



Insertion & Extraction Tools(1)



Rectangular Power Connectors (469)

# Customers Also Bought



TE Part #1-794617-8 18POS,MICRO MNL,RCPT HSG



TE Part #1-794617-0 10POS,MICRO MNL,RCPT HSG



TE Part #2-794617-0 20POS,MICRO MNL,RCPT HSG



TE Part #1-794610-2 MICRO MNL RPT CNT,LS PC 30AU L



TE Part #3-794627-6 06P MICRO MNL ASSY,RA ,SMT, LF



TE Part #794617-6 6POS,MICRO MNL,RCPT HSG



TE Part #794616-4
FREE HANG DBL ROW HSG 4 POS



TE Part #1-794612-0
PIN CONT 20-24 TIN PLATE L/P



TE Part #1-794613-0
PIN CONT 26-30 TIN PLATE L/P



FREE HANG DBL ROW HSG 12 POS

### **Documents**

### **Product Drawings**

FREE HANG DBL ROW HSG 8 POS

English

## **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_794616-8\_C1.2d\_dxf.zip



English

**Customer View Model** 

ENG\_CVM\_CVM\_794616-8\_C1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_794616-8\_C1.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG

English

MICRO MATE-N-LOK CONNECTOR SYSTEM

English

**Product Specifications** 

**Application Specification** 

English