

3-794615-8 ✓ ACTIVE

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

TE Internal #: 3-794615-8

Rectangular Power Connectors, Housing, Plug, Wire-to-Panel /  
Wire-to-Wire, 8 Position, 3 mm [.118 in] Centerline, Wire & Cable,  
Micro MATE-N-LOK

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Panel, 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-Panel, 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
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### Contact Features

Contact Layout	Matrix
Contact Current Rating (Max)	5 A
Contact Retention Within Housing	Without



Contact Type	Pin
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#### Termination Features

Termination Method to Wire & Cable	Crimp
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#### Mechanical Attachment

Panel Mount Feature	With
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Panel Mount Feature Type	Locking Latch
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Connector Mounting Type	Panel Mount
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#### Housing Features

Centerline (Pitch)	3 mm [.118 in]
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Housing Color	Black
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Housing Material	Nylon
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Cable Exit Angle	Straight
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#### Dimensions

Row-to-Row Spacing	3 mm [.118 in]
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Panel Thickness	1.57 – 2.3 mm [.062 – .091 in]
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Length	16.89 mm
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#### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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#### Operation/Application

Circuit Application	Power & Signal
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#### Identification Marking

Circuit Identification Feature	With
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#### Industry Standards

Glow Wire Material Rating	Material with GWFI 850°C, Material with GWIT ≥ 775°C
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UL Flammability Rating	UL 94V-0
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Glow Wire Rating	GWT 750°C (Without Flame)
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UL Rating	Recognized
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Agency/Standard Number	E28476, VDE_40005280
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VDE Tested	Yes
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Agency/Standard	CNR, USR
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#### Packaging Features

Packaging Method	Box
Packaging Quantity	12500

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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

 <p>TE Part # 1-794615-2 PANEL MT DBL ROW HSG 12 POS</p>	 <p>TE Part # 1-794615-0 PANEL MT DBL ROW HSG 10 POS</p>	 <p>TE Part # 3-794615-0 10P MICRO MNL PLUG HSG PNL MT DBL RW V0</p>	 <p>TE Part # 2315758-2 2P MICRO MNL PLUG HSG PNL MT DBL RW V0 G</p>
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TE Part # 2315758-4  
4P MICRO MNL PLUG HSG PNL MT  
DBL RW V0 G



TE Part # 2315786-2  
2P MICRO MNL PLUG HSG PNL MT  
SGL RW V0 G



TE Part # 2315786-3  
3P MICRO MNL PLUG HSG PNL MT  
SGL RW V0 G



TE Part # 3-794615-6  
6P MICRO MNL PLUG HSG PNL MT  
DBL RW V0 G



TE Part # 3-794616-6  
6P MICRO MNL PLUG HSG FREE  
HNG DBL RW V0

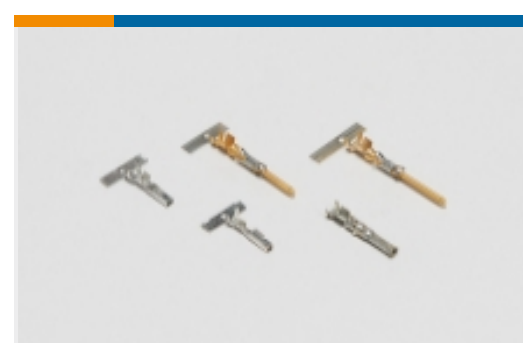


TE Part # 3-794616-8  
8P MICRO MNL PLUG FREE HNG DBL  
RW HSG V0

## Also in the Series | Micro MATE-N-LOK



Insertion & Extraction Tools(1)



Power Contacts(26)



Rectangular Power Connectors(712)

## Documents

### Product Drawings

8P MICRO MNL PLUG HSG PNL MT DBL RW V0 G

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-794615-8\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-794615-8\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-794615-8\\_D.3d\\_stp.zip](#)

English



By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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## Datasheets & Catalog Pages

### MICRO MATE-N-LOK CONNECTOR SYSTEM

English

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## Product Specifications

### Application Specification

English

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## Agency Approvals

### UL Report

English