

3-794615-6 ✓ ACTIVE

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

TE Internal #: 3-794615-6

Micro MATE-N-LOK, Rectangular Power Connectors, Housing,  
Plug, Wire-to-Panel / Wire-to-Wire, 6 Position, 3mm [.118in]  
Centerline, Wire & Cable

[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-Panel, Wire-to-Wire**

Number of Positions: **6**

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	6
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	Natural
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Housing Material	Nylon 66
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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 GWF1 850°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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Agency/Standard Number	E28476
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VDE Tested	Yes
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Agency/Standard	UL, VDE
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#### Packaging Features

Packaging Method	Box
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Packaging Quantity

15000

## 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

Not Yet Reviewed

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: JAN 2021 (211)  
Candidate List Declared Against: JAN 2021 (211)  
Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 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



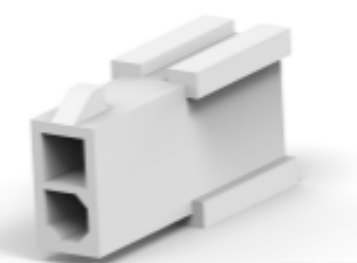
TE Part # 3-794615-0  
10P MICRO MNL PLUG HSG PNL MT  
DBL RW V0



TE Part # 2315758-2  
2P MICRO MNL PLUG HSG PNL MT  
DBL RW V0 G



TE Part # 2315758-4  
4P MICRO MNL PLUG HSG PNL MT  
DBL RW V0 G



TE Part # 2315759-2  
2P MICRO MNL PLUG HSG FREE  
HNG DBL RW V0




TE Part # 2315759-4  
4P MICRO MNL PLUG HSG FREE  
HNG DBL RW V0



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 # 2315786-4  
4P MICRO MNL PLUG HSG PNL MT  
SGL RW V0 G



TE Part # 3-794615-8  
8P MICRO MNL PLUG HSG PNL MT  
DBL RW V0 G




TE Part # 3-794616-0  
10P MICRO MNL PLUG HSG FREE  
HNG DBL RW




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


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




Connector Contacts(1)



Insertion & Extraction Tools(1)



Power Contacts(26)



Rectangular Power Connectors(712)

Customers Also Bought



TE Part #2308171-2  
ZQSFP+ CAGE& CONN 2X2, EMI  
SPRING, BTB



TE Part #3-2040555-9  
DYNAMIC 1100 REC AND TAB HSG



TE Part #1-2040586-1  
DYNAMIC 4000 REC AND TAB CONT



TE Part #2-1735481-1  
Free Height Receptacle Conn: Board-  
Board, Vertical, 40, 0.8mm



TE Part #2-1735481-3  
Free Height Receptacle Conn: Board-  
Board, Vertical, 80, 0.8mm



TE Part #3-1903392-4  
STD Temp Sig GRACE INERTIA Cap



TE Part #YDTS24W21-11BBV001  
Jam Nut: D38999, 21-11 Insert



TE Part #1-2232784-2  
GIC 7.92MM CONN HDR ASS'Y 2POS  
RED



## Documents

### Product Drawings

[6P MICRO MNL PLUG HSG PNL MT DBL RW V0 G](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-794615-6\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-794615-6\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-794615-6\\_D.3d\\_stp.zip](#)

English

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### Product Specifications

[Engineering Report](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

### Agency Approvals

[VDE Certificate](#)

English