



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

TE Internal #: 2029047-4

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Board, 4 Position, 3 mm [.118 in] Centerline, Wire & Cable, UL 94V-0, Micro MATE-N-LOK

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **4**

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

**Features**

**Product Type Features**

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	4
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	250 VDC
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**Contact Features**

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Receptacle

**Termination Features**

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

Connector Mounting Type	Cable Mount (Free-Hanging)
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**Housing Features**





Centerline (Pitch)	3 mm [.118 in]
Housing Color	Black
Housing Material	Nylon

### 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

Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

### Packaging Features

Packaging Quantity	3000
Packaging Method	Box & Tray, Tray

## 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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

TE Part # 2029030-4 4P MICRO MNL HDR ASSY SR SIDE L	TE Part # 1445049-4 FREE HANG SNGL ROW HSG 4 POS	TE Part # 1445022-4 MICRO MNL RFECEPT HSG SINGLE R	TE Part # 2-1445100-4 MICRO MNL HDR ASSY S/ROW LF
TE Part # 2-1445096-4 MICRO MNL HDR ASSY SINGLE ROW	TE Part # 2-1445055-4 MICRO MNL HDR ASSY S/ROW LF	TE Part # 2-1445053-4 MICRO MNL HDR ASSY S/ROW LF	TE Part # 2-1445094-4 MICRO MNL HDR ASSY S/ROW AU LF
TE Part # 2-1445093-4 MICRO MNL HDR ASSY S/ROW AU LF	TE Part # 2-1445057-4 MICRO MNL HDR ASSY SINGLE ROW	TE Part # 2-1445091-4 MICRO MNL HDR ASSY S/ROW AU LF	TE Part # 2008571-2 2 POS MICRO MNL, TOP LATCH, BL
TE Part # 2-1445085-4 micro mnl hdr assy s/row au lf	TE Part # 2-1445050-4 MICRO MNL HDR ASSY S/ROW LF	TE Part # 2-1445054-4 MICRO MNL HDR ASSY S/ROW LF	TE Part # 2-1445087-4 MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2-1445088-4  
MICRO MNL HDR ASSY S/ROW AU LF

TE Part # 2-1445089-4  
MICRO MNL HDR ASSY S/ROW AU LF

TE Part # 2-1445098-4  
MICRO MNL HDR ASSY S/ROW AU LF

TE Part # 2008570-4  
4 POS MICRO MNL, SIDE LATCH, B

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

Insertion & Extraction Tools(1)

Power Contacts(27)

Rectangular Power Connectors(466)

### Customers Also Bought

TE Part #2029030-4  
4P MICRO MNL HDR ASY SR SIDE L

TE Part #1445022-4  
MICRO MNL RFECEPT HSG SINGLE R

TE Part #794606-1  
MICRO MNL RPT CNT STRIP 20-24

TE Part #1-794612-1  
PIN CONT 20-24 15 GOLD L/P

TE Part #CV25382001  
RW-175-E-3/32-X-STK

TE Part #734267-000  
CWT-7-S

TE Part #CV20914001  
RW-175-E-3/64-X-SP

TE Part #605262-1  
FUSION TAPE, 1" X .020" X 10FT

### Documents

#### Product Drawings

4P MICRO MNL RCPT HSG SR SIDE

English

#### CAD Files

3D PDF

3D



### Customer View Model

[ENG\\_CVM\\_CVM\\_2029047-4\\_B.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_2029047-4\\_B.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_2029047-4\\_B.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

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

[MICRO MATE-N-LOK CONNECTOR SYSTEM](#)

English

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### Product Specifications

[Product Specification](#)

English