

1445022-7 ✓ ACTIVE

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

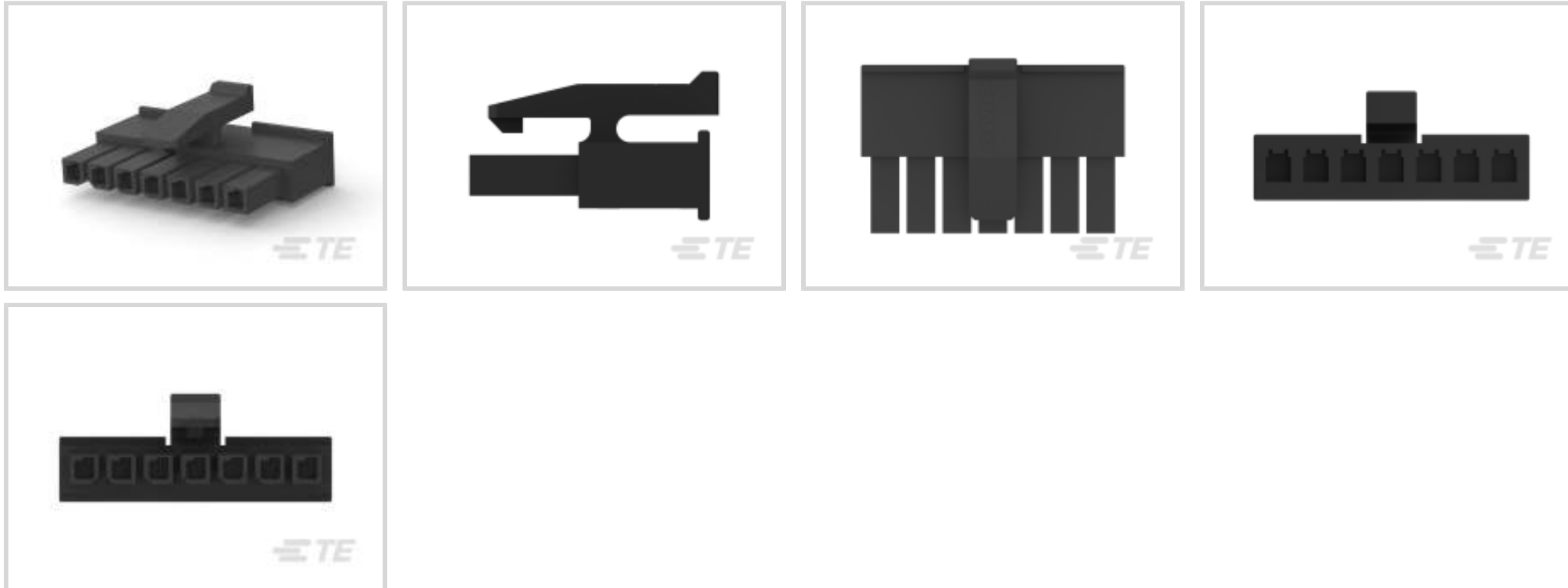
TE Internal #: 1445022-7

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire,  
7 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: **Receptacle**

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

Number of Positions: **7**

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

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	7
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]
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Housing Color	Black
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Housing Material	Nylon 66/6
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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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### Industry Standards

CSA Rating	Certified, LR 7189
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UL Rating	Recognized
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Agency/Standard	CNR, USR
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Approved Standards	UL E28476, VDE 40005280
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UL Flammability Rating	UL 94V-0
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Glow Wire Rating	Standard Part - Not Glow Wire
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### Packaging Features

Packaging Quantity	2000
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Packaging Method	Tray
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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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 # 2-1445057-7  
MICRO MNL HDR ASSY SINGLE ROW



TE Part # 2-1445055-7  
MICRO MNL HDR ASSY S/ROW LF



TE Part # 2-1445098-7  
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2-1445085-7  
micro mnl hdr assy s/row au lf



TE Part # 2-1445091-7  
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2-1445097-7  
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2008571-6  
6 POS MICRO MNL, TOP LATCH, BL



TE Part # 1445049-7  
FREE HANG SNGL ROW HSG 7 POS



TE Part # 2-1445052-7  
MICRO MNL HDR ASSY S/ROW LF



TE Part # 2-1445053-7  
MICRO MNL HDR ASSY S/ROW LF

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



Insertion & Extraction Tools(1)



Power Contacts(27)

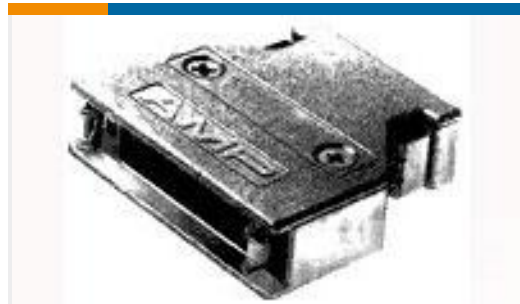


Rectangular Power Connectors(479)

## Customers Also Bought



TE Part #5749621-5  
50 50S CABLE PLUG CONN/COV KIT



TE Part #5749889-3  
50 50SR KIT,ST,UK



TE Part #2-1445057-7  
MICRO MNL HDR ASSY SINGLE ROW



TE Part #204219-1  
PIN CONTACT ASSY.



TE Part #3-1879350-8  
RR01 5% 7R5 AMMO



TE Part #3-1879352-4  
RR02 5% 7R5 AMMO



TE Part #103668-E  
ERBIC BUS C BUS-SYSTEM SYS CAN  
HO KN CU



TE Part #2-1105301-1  
HVT-C-Bu.Ag.0,75-1,0 qmm



TE Part #2-1104012-3  
HVT.35.STI.C



TE Part #2-1102660-5  
HIP-K.24/64.STS.1.2

## Documents

### Product Drawings

MICRO MNL RFECEPT HSG SINGLE R

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1445022-7\_F1.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1445022-7\\_F1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1445022-7\\_F1.3d\\_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**

[Application Specification](#)

English

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**Product Environmental Compliance**

[MD\\_1445022-7\\_06122018913\\_dmtec](#)

English

[MD\\_1445022-7\\_06122018913\\_dmtec](#)

English