

1-794617-6 ✓ ACTIVE

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

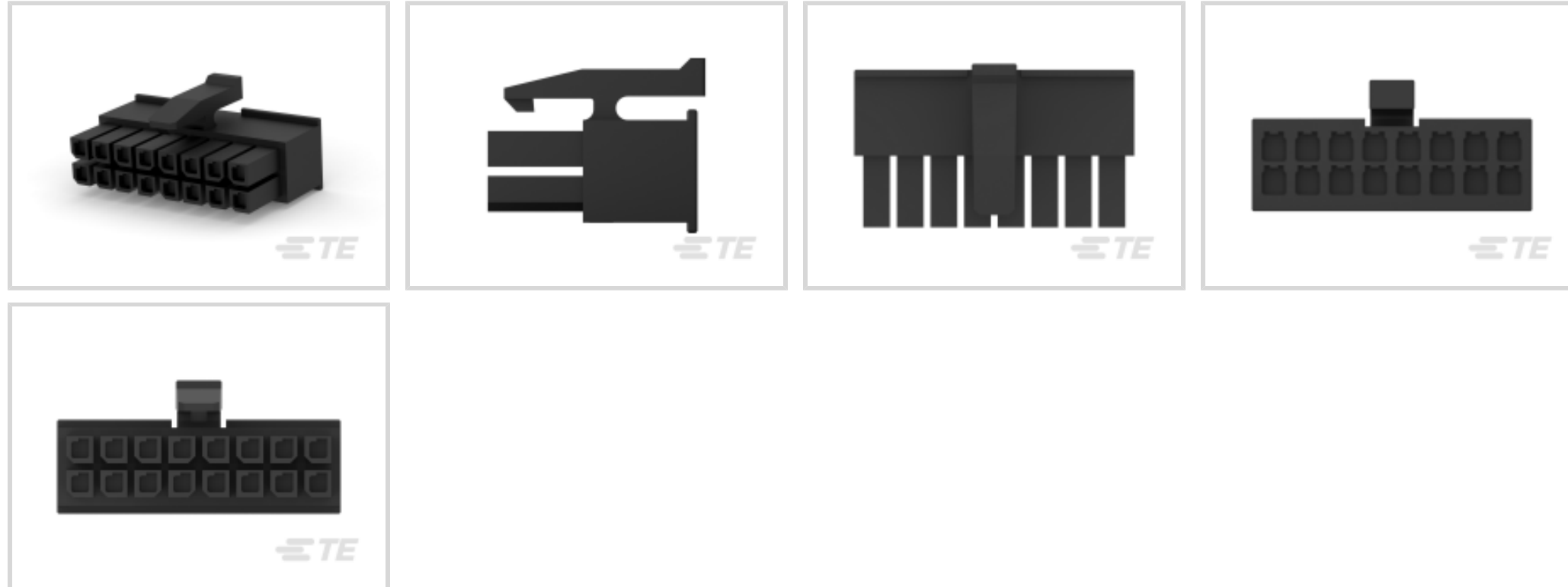
TE Internal #: 1-794617-6

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Board, 16 Position, 3 mm [.118 in] Centerline, 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-Board, Wire-to-Wire**

Number of Positions: **16**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

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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Dimensions

Row-to-Row Spacing	3 mm [.118 in]
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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
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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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UL Rating	Recognized
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Agency/Standard Number	E28476, VDE_40005280
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CSA File Number	LR7189
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VDE Tested	Yes
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Agency/Standard	CNR, USR
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Packaging Features

Packaging Method	Package
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Packaging Quantity	1
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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 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

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 # 4-794630-6
16P MICRO MNL ASSY,VRT,HDR,LF



TE Part # 4-794632-6
16P MICRO MNL ASSY,VRT,HDR,LF



TE Part # 4-794627-6
16P MICRO MNL ASSY,RA,SMT,LF



TE Part # 4-794638-6
16P MICRO MNL ASSY,VRT,SMT,LF



TE Part # 4-794619-6
16P MICRO MNL ASSY,R/A,HDR LF



TE Part # 4-794629-6
16P MICRO MNL ASSY,R/A,SMT,LF



TE Part # 4-794618-6
16P MICRO MNL ASSY R/A HDR LF



TE Part # 4-794636-6
16P MICRO MNL ASSY,VRT,SMT,LF



TE Part # 4-794620-6
16P MICRO MNL ASSY,R/A,HDR,LF



TE Part # 2008570-2
2 POS MICRO MNL, SIDE LATCH, B



TE Part # 4-794633-6
16P MICRO MNL ASSY,VRT,SMT,LF



TE Part # 4-794680-6
16P MICRO MNL ASSY,VRT,THRU LF



TE Part # 4-794631-6
16P MICRO MNL ASSY,VRT,HDR LF



TE Part # 1-794615-6
PANEL MT DBL ROW HSG 16 POS



TE Part # 4-794626-6
16P MICRO MNL ASSY,R/A,SMT,LF



TE Part # 4-794637-6
16P MICRO MNL ASSY,VRT,SMT LF



TE Part # 1-794616-6
FREE HANG DBL ROW HSG 16 POS



TE Part # 4-794634-6
16P MICRO MNL ASSY,VRT,SMT LF




TE Part # 4-794678-6
16P MICRO MNL ASSY,R/A,THRU,LF




TE Part # 4-794621-6
16P MICRO MNL ASSY,R/A,SMT LF


Also in the Series | Micro MATE-N-LOK



Insertion & Extraction Tools(1)



Power Contacts(26)



Rectangular Power Connectors(712)

Documents

Product Drawings

16POS,MICRO MNL,RCPT HSG

English

CAD Files

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_1-794617-6_J1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794617-6_J1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794617-6_J1.3d_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

[1773458-4_MICRO_MATE_N_LOK_CONNECTOR_SYSTEM_QRG](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_1-794617-6_05072017434_dmtec](#)

English

[MD_1-794617-6_05072017434_dmtec](#)

English

Agency Approvals

[VDE Certificate](#)

English