



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: **12**

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	12
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]
Housing Color	Black
Housing Material	Nylon 66/6

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
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
UL Rating	Recognized
Agency/Standard Number	E28476, VDE_40005280
CSA File Number	LR7189
VDE Tested	Yes
Agency/Standard	CNR, USR

Packaging Features

Packaging Method	Package
Packaging Quantity	1

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: JAN 2022
(223)
Candidate List Declared Against: JAN 2022
(223)
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per
homogenous material. Also BFR/CFR/PVC
Free

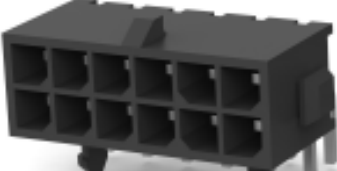
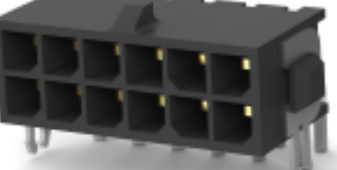
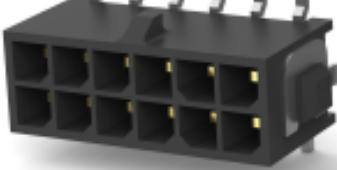
Solder Process Capability

Not applicable for solder process capability

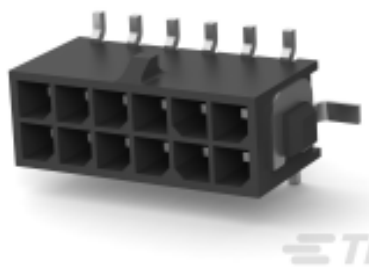
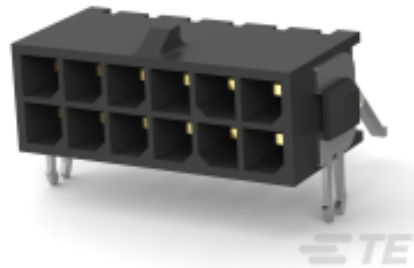
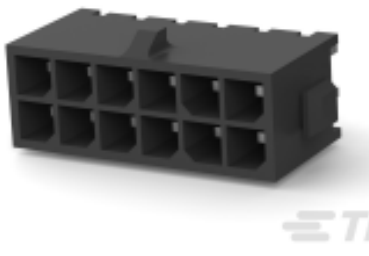
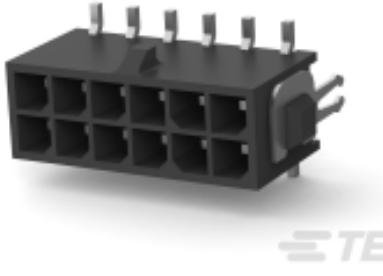
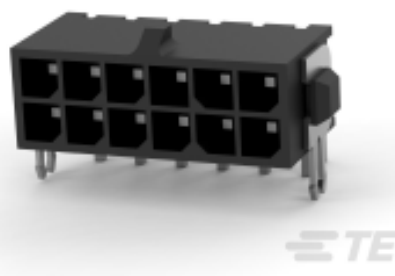
Product Compliance Disclaimer

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 # 4-794629-2 12P MICRO MNL ASSY,R/A,SMT,LF	 TE Part # 4-794627-2 12P MICRO MNL ASSY,RA,SMT,LF	 TE Part # 4-794619-2 12P MICRO MNL ASSY,R/A,HDR LF	 TE Part # 4-794618-2 12P MICRO MNL ASSY R/A HDR LF
 TE Part # 4-794632-2 12P MICRO MNL ASSY,VRT,HDR,LF	 TE Part # 4-794678-2 12P MICRO MNL ASSY,R/A,THRU,LF	 TE Part # 4-794637-2 12P MICRO MNL ASSY,VRT,SMT LF	 TE Part # 4-794638-2 12P MICRO MNL ASSY,VRT,SMT,LF



 TE Part # 4-794636-2 12P MICRO MNL ASSY,VRT,SMT,LF	 TE Part # 1-794615-2 PANEL MT DBL ROW HSG 12 POS	 TE Part # 1-794616-2 FREE HANG DBL ROW HSG 12 POS	 TE Part # 4-794626-2 12P MICRO MNL ASSY,R/A,SMT,LF
 TE Part # 4-794681-2 12P MICRO MNL ASSY,VRT,THRU,LF	 TE Part # 4-794682-2 12P MICRO MNL ASSY,VRT,THRU,LF	 TE Part # 2008570-2 2 POS MICRO MNL, SIDE LATCH, B	 TE Part # 4-794620-2 12P MICRO MNL ASSY,R/A,HDR,LF
 TE Part # 4-794630-2 12P MICRO MNL ASSY,VRT,HDR,LF	 TE Part # 4-794633-2 12P MICRO MNL ASSY,VRT,SMT,LF	 TE Part # 4-794677-2 12POS MICRO MNL ASSY,R/A,THRU	 TE Part # 4-794628-2 12P 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)
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Customers Also Bought

 TE Part #2-794617-2 22POS,MICRO MNL,RCPT HSG	 TE Part #2-794617-4 24POS,MICRO MNL,RCPT HSG	 TE Part #794610-1 MICRO MNL RPT CNT,LS PC,TIN	 TE Part #794617-6 6POS,MICRO MNL,RCPT HSG
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TE Part #794617-4
4POS,MICRO MNL,RCPT HSG



TE Part #1-794616-2
FREE HANG DBL ROW HSG 12 POS



TE Part #5-1437567-7
MPG406N=(MSPG) SW PUSHBUTTON

Documents

Product Drawings

12POS,MICRO MNL,RCPT HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-794617-2_J1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-794617-2_J1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-794617-2_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_ORG

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1-794617-2_07182018532_dmtec

English

MD_1-794617-2_07182018532_dmtec

English



[Agency Approvals](#)

[VDE Certificate](#)

English