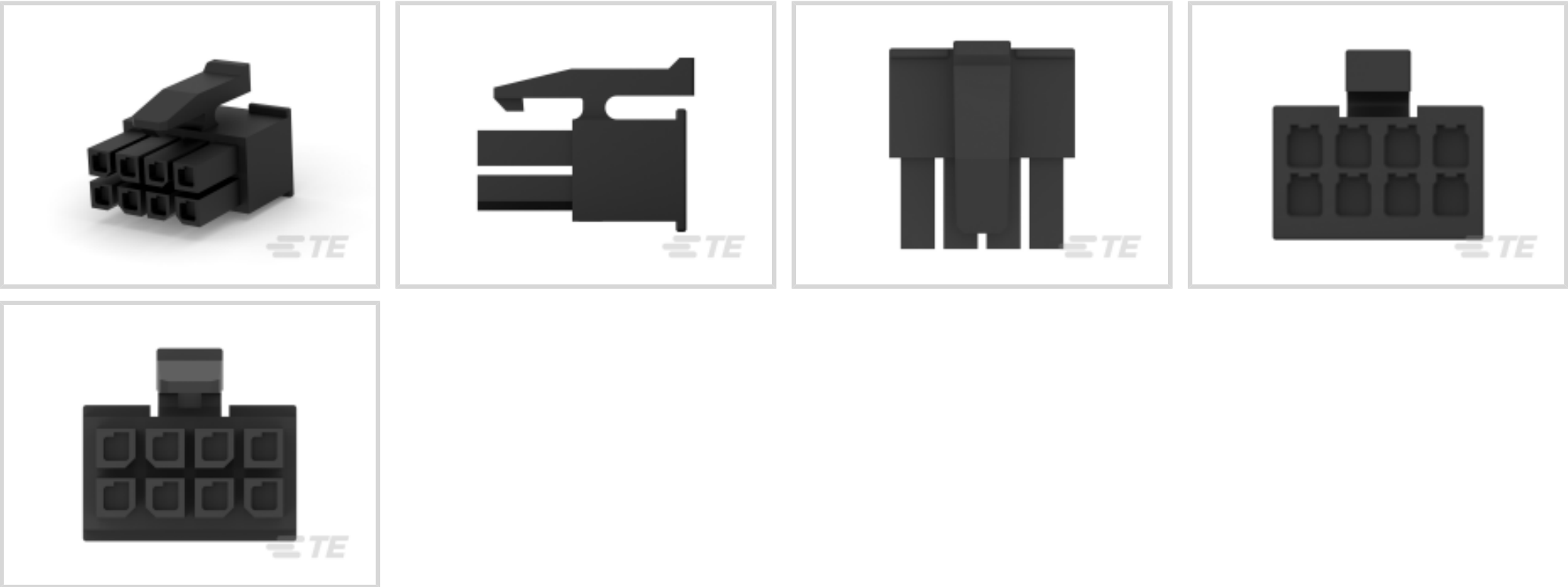




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **8**

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	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Current Rating (Max)	5 A
Contact Retention Within Housing	Without
Contact Type	Receptacle



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3 mm[.118 in]
Housing Color	Natural
Housing Material	PA 66

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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Identification Marking

Circuit Identification Feature	With
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Industry Standards

Glow Wire Material Rating	Material with GWFI 850°C, Material with GWIT ≥ 775°C
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)
UL Rating	Recognized
Agency/Standard Number	E28476, VDE_40005280
VDE Tested	Yes
Agency/Standard	CNR, USR

Packaging Features

Packaging Method	Box
Packaging Quantity	1300

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	Not Low Halogen - contains Br or Cl > 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 # 2315744-2  
2P, MICRO MNL, RCPT HSG, DUAL ROW, V0 GW

TE Part # 2315744-4  
4P, MICRO MNL,RCPT HSG, DUAL ROW, V0 GW

TE Part # 3-794617-6  
6P, MICRO MNL RCPT HSG, DBL ROW, GW V0

Also in the Series | Micro MATE-N-LOK

Insertion & Extraction Tools(1)

Power Contacts(26)

Rectangular Power Connectors(712)



Customers Also Bought

TE Part #3-640441-4  
04P MTA100 CONN ASSY WHT

TE Part #2132781-4  
04P EP-II HOUSING, NATURAL

TE Part #2132781-3  
03P EP-II HOUSING, NATURAL

TE Part #2132781-7  
07P EP-II HOUSING, NATURAL

TE Part #175164-1  
250 PL EX REC. 18-14AWG ST

TE Part #170360-1  
UNIV M-N-L PIN 22-18 AWG

TE Part #175034-1  
PL 187 REC 20-14 AWG 0.30 X 14.0 SS

TE Part #63849-1  
250 FASTON TAB TPBR

TE Part #2821230-1  
CABLE ASSY, MBXL, CBL-0177-03

TE Part #1744492-3  
EP II Housing 03P, Red

Documents

Product Drawings

8P, MICRO MNL RCPT HSG, DBL ROW, GW V0

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-794617-8\_L.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-794617-8\_L.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-794617-8\_L.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Datasheets & Catalog Pages

MICRO MATE-N-LOK CONNECTOR SYSTEM

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD\_3-794617-8\_06222018026\_dmtec

English

MD\_3-794617-8\_06222018026\_dmtec

English

Agency Approvals

UL Report

English