

1-794615-2

✓ ACTIVE

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

TE Internal #: 1-794615-2

Rectangular Power Connectors, Housing, Plug, Wire-to-Panel /
 Wire-to-Wire, 12 Position, 3 mm [.118 in] Centerline, Wire & Cable,
 Micro MATE-N-LOK

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Panel, 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	Plug
Connector System	Wire-to-Panel, 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	Pin

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	With
Panel Mount Feature Type	Locking Latch
Mating Retention Type	Locking Tab
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Panel Thickness (Recommended)	1.57 - 2.3 mm [.062 - .091 in]
Compatible Insulation Diameter (Max)	1.52 mm [.06 in]
Connector Height	8.71 mm
Product Width	16.89 mm
Product Length	21.85 mm
Row-to-Row Spacing	3 mm [.118 in]

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
UL Rating	Recognized
Compatible With Agency/Standards Products	CNR, USR
Compatible With Approved Standards Products	UL E28476, VDE 40005280
UL Flammability Rating	UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

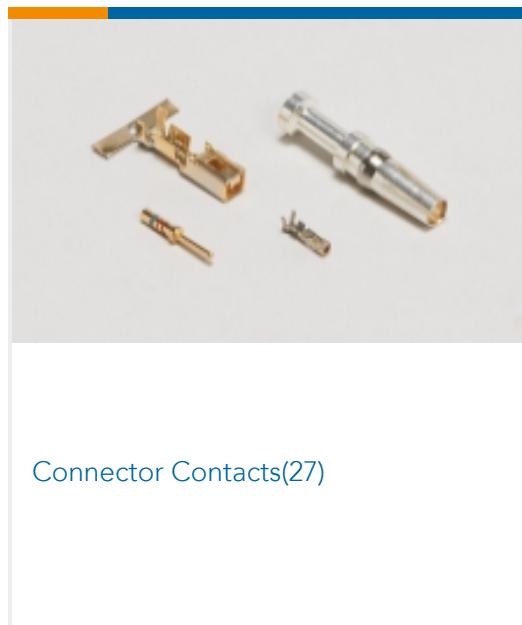
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

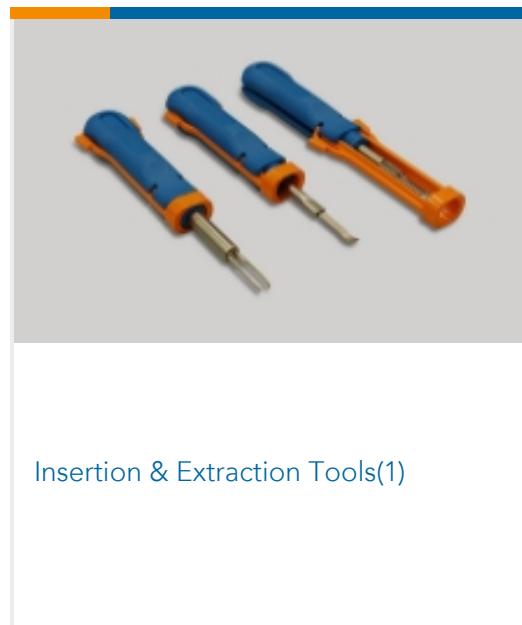
	
TE Part # 1-794617-2 12POS,MICRO MNL,RCPT HSG	TE Part # 3-794615-8 8P MICRO MNL PLUG HSG PNL MT DBL RW VO G

Also in the Series

Micro MATE-N-LOK



Connector Contacts(27)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(371)



Rectangular Power Connectors(98)

Customers Also Bought

TE Part # 2-794617-0
20POS,MICRO MNL,RCPT HSGTE Part # 794615-4
PANEL MT DBL ROW HSG 4 POSTE Part # 2-794617-4
24POS,MICRO MNL,RCPT HSGTE Part # 794615-6
PANEL MT DBL ROW HSG 6 POSTE Part # 1-794617-2
12POS,MICRO MNL,RCPT HSGTE Part # 1-794608-0
PIN CONT 20-24 TIN PLATE STRIPTE Part # 1-794611-1
MICRO MNL RPT CNT,LS PC,15AU,LTE Part # 1-794615-4
PANEL MT DBL ROW HSG 14 POSTE Part # 2-794615-0
PANEL MT DBL ROW HSG 20 POSTE Part # 1-794608-2
PIN CONT 20-24 30 GOLD STRIP

Documents

Product Drawings

[PANEL MT DBL ROW HSG 12 POS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model[ENG_CVM_CVM_1-794615-2_C1.2d_dxf.zip](#)

English

Customer View Model[ENG_CVM_CVM_1-794615-2_C1.3d_igs.zip](#)

English

Customer View Model[ENG_CVM_CVM_1-794615-2_C1.3d_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

Product Specifications[Application Specification](#)

English