



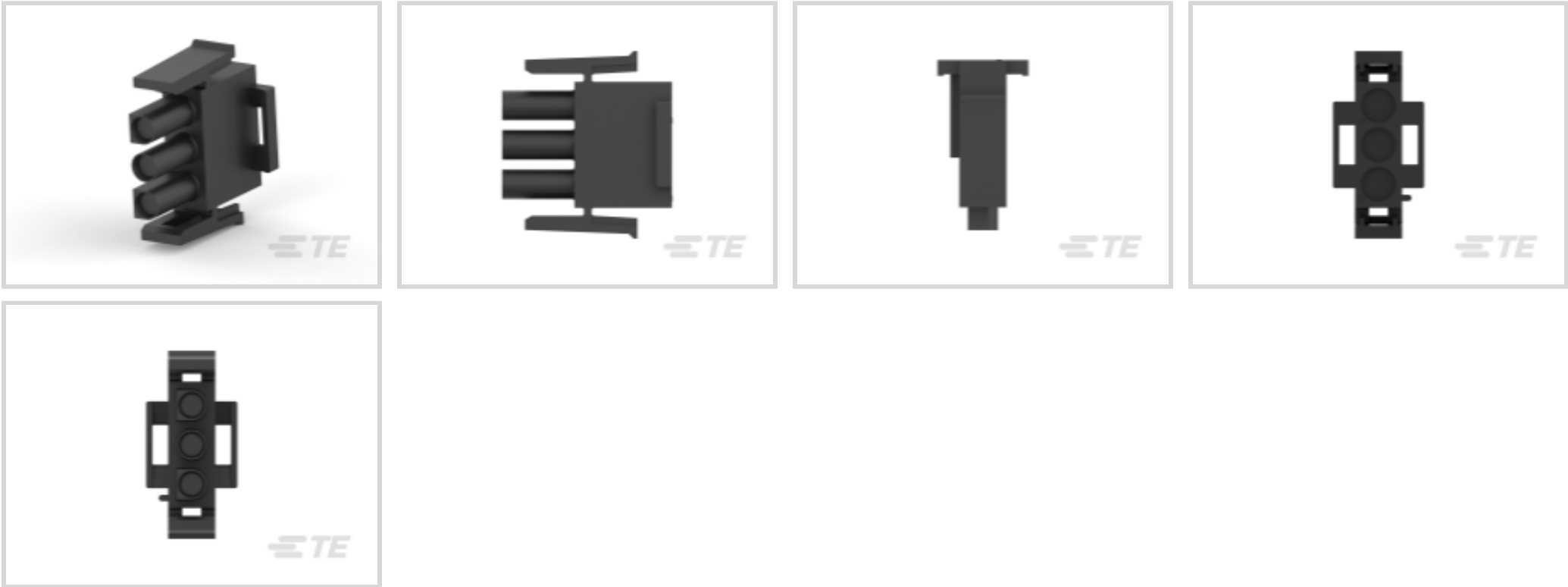
MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 794901-1

Universal MATE-N-LOK, Rectangular Power Connectors, Housing,
Plug, Wire-to-Wire / Wire-to-Board, 3 Position, 6.35mm [.25in]
Centerline, Wire & Cable

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **3**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
Multiple Contact Types	Without
Contact Retention Within Housing	Without



Contact Type	Socket
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Black
Housing Material	Nylon
Dimensions	
Width	14.73 mm[.579 in]
Height	27.43 mm[1.08 in]
Length	20.32 mm[.8 in]
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Assembly Integration Feature	Without
Circuit Application	Power & Signal
Identification Marking	
Circuit Identification Feature	Without
Industry Standards	
CSA Rating	Certified
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR 7189
VDE Tested	Yes
Packaging Features	



Packaging Method	Package
Packaging Quantity	1
Other	
For Use With	Appropriate Universal MATE-N-LOK Cap or Header

Product Compliance

For compliance documentation, visit the product page on TE.com>

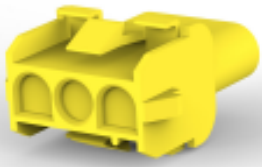
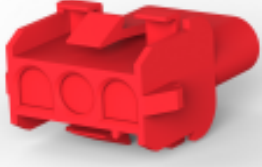
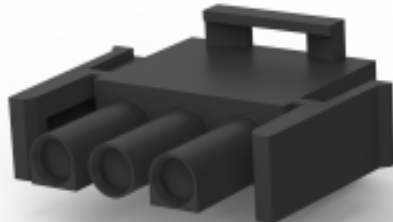
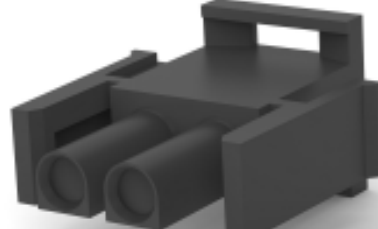
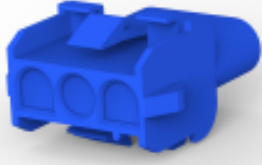
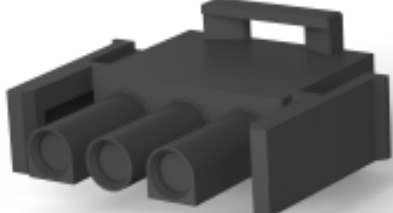
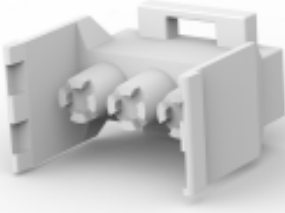
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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 # 1-480701-4 03P UMNL CAP HSG YELL	 TE Part # 1-350767-9 03P UMNL V0 CAP HSG BLACK	 TE Part # 1-480701-2 03P UMNL CAP HSG RED	 TE Part # 770025-1 03P UMNLII IN-LINE CAP HSG KIT
 TE Part # 794899-1 04P UMNL HI TEMP PLUG HSG	 TE Part # 8-794535-1 06P UMNL PLUG HSG 150C BLK, SP	 TE Part # 794900-1 03P UMNL HI TEMP CAP HSG	 TE Part # 2178474-2 3POS UMNL CAP HSG V0 GW
 TE Part # 794096-1 06P UMNL PLUG	 TE Part # 1-480700-9 03P UMNL PLUG HSG BLK	 TE Part # 1-480701-9 03P UMNL CAP HSG BLK	 TE Part # 1-350777-9 02P UMNL V0 PLUG HSG BLACK
 TE Part # 1-480701-6 03P UMNL CAP HSG BLU	 TE Part # 1586702-1 02P UMNL PLUG HSG NATL LEAD IN	 TE Part # 2-480701-0 03P UMNL CAP HSG NATL	 TE Part # 1-480701-8 03P UMNL CAP HSG GRY
 TE Part # 1-350766-9 03P UMNL V0 PLUG HSG BLACK	 TE Part # 350767-1 03P UMNL CAP HSG V0	 TE Part # 770048-1 03P UMNL II CAP REAR 94VO	 TE Part # 1-480701-0 03P UMNL CAP HSG NATL

Also in the Series | [Universal MATE-N-LOK](#)



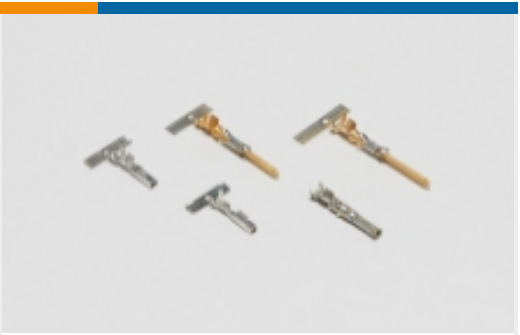
Circular Power Connectors(2)



Connector Contacts(11)



Insertion & Extraction Tools(4)



Power Contacts(207)



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(725)

Customers Also Bought



TE Part #1445049-2
FREE HANG SNGL ROW HSG 2 POS



TE Part #1-480700-6
03P UMNL PLUG HSG BLU



TE Part #1-794608-1
PIN CONT 20-24 15 GOLD STRIP



TE Part #1-794608-0
PIN CONT 20-24 TIN PLATE STRIP



TE Part #2106091-1
2 pos Inverted Thru Board SMT Header



TE Part #1-480701-6
03P UMNL CAP HSG BLU



TE Part #1-521253-2
FASTON PL 250 HOUSING REC RED
NYLON 66/6



TE Part #1863025-1
UNIVERSAL MNL 6-WAY CAP



Documents

Product Drawings

03P UMNL HI TEMP PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794901-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794901-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794901-1_B.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_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

VDE Certificate

English