

1703061-1 ✓ ACTIVE

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

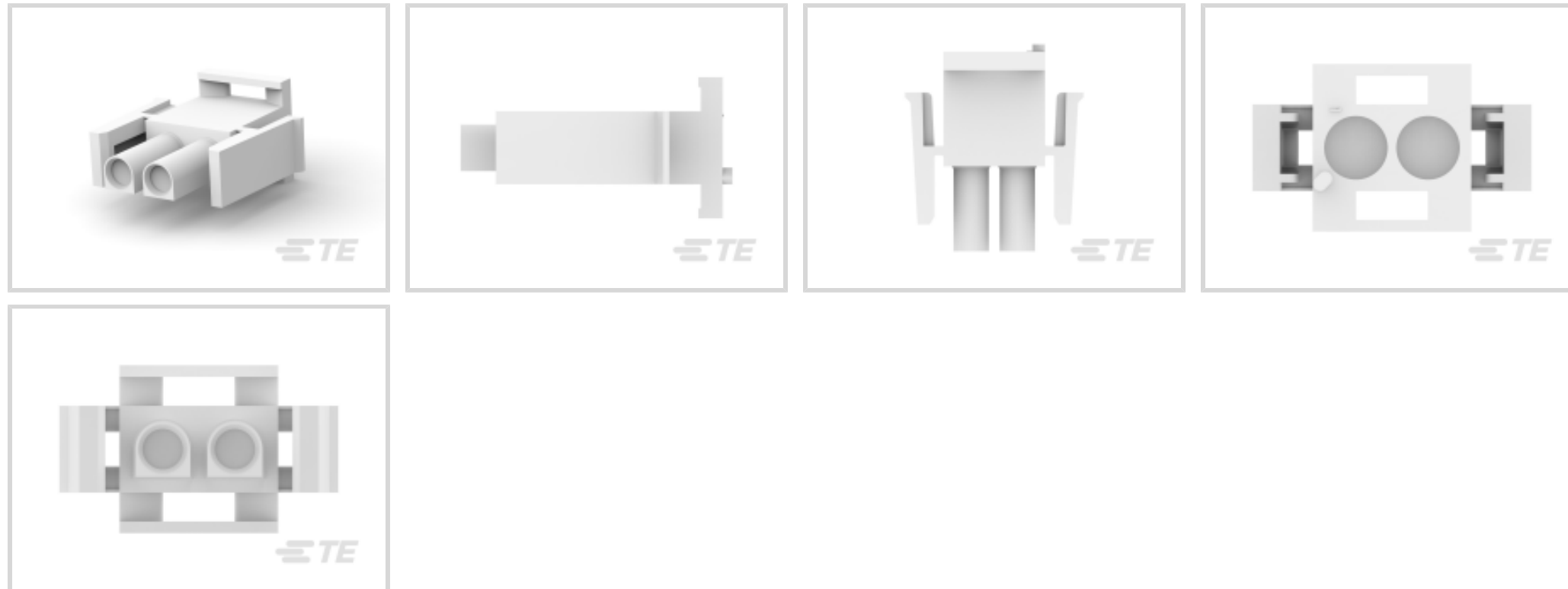
TE Internal #: 1703061-1

Universal MATE-N-LOK, Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 2 Position, 6.35mm [.25in] Centerline, Wire & Cable, UL 94V-2

[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-Wire**

Number of Positions: **2**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Multiple Contact Types	Without
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Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Pin
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	6.35 mm [.25 in]
Housing Color	Natural
Housing Material	PA 6
Usage Conditions	
Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	
Assembly Integration Feature	Without
Circuit Application	Power & Signal
Identification Marking	
Circuit Identification Feature	With
Industry Standards	
CSA Rating	Certified
UL Flammability Rating	UL 94V-2
Glow Wire Rating	GWT 750°C (Without Flame)
UL Rating	Recognized
Agency/Standard Number	E28476
CSA File Number	LR7189
VDE Tested	Yes
Agency/Standard	CSA, UL
Packaging Features	
Packaging Method	Bag
Packaging Quantity	2000
Other	



For Use With	Appropriate Universal MATE-N-LOK Cap or Header
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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	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

 <p>TE Part # 1-350778-9 02P UMNL V0 CAP HSG BLACK</p>	 <p>TE Part # 926298-6 UNML PLUG 4WAY</p>	 <p>TE Part # 1-480699-9 02P UMNL CAP HSG BLK</p>	 <p>TE Part # 770046-1 02P UMNL II CAP REAR 94VO</p>
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TE Part # 770045-1
02P UMNL II CAP-FRONT 94VO

TE Part # 1-480699-2
02P UMNL CAP HSG RED

TE Part # 1241809-2
UMNL ST-SOCK,A-P 3P

TE Part # 794815-1
02P UMNL CAP HSG,HI TEMP

TE Part # 1586851-1
02P UMNL PLUG HSG, GW

TE Part # 1586856-1
02P UMNL CAP HSG, GW

TE Part # 1-350778-2
02P UMNL V0 CAP HSG RED

TE Part # 1-480699-1
02P UMNL CAP HSG BRN

TE Part # 1-350778-1
02P UMNL V0 CAP HSG BROWN

TE Part # 1-350778-3
02P UMNL V0 CAP HSG ORANGE

TE Part # 1863011-1
01P UMNL PLUG HSG

TE Part # 1-1703061-3
PLUG, 2 CIRCUIT, UNIVERSAL MATE-N-LOK

TE Part # 1863005-1
12P UMNL PLUG HSG

TE Part # 770024-1
02P UMNLII IN-LINE CAP HSG KIT

TE Part # 350777-1
02P UMNL PLUG HSG

TE Part # 350778-1
02P UMNL CAP HSG

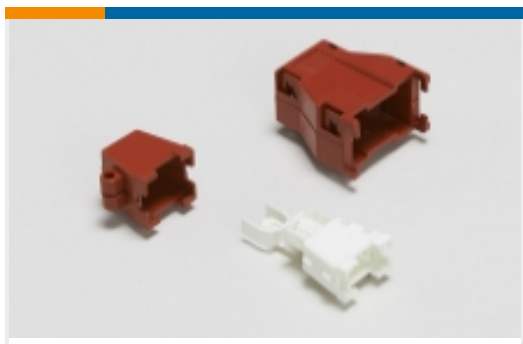
Also in the Series | **Universal MATE-N-LOK**

Circular Power Connectors(2)

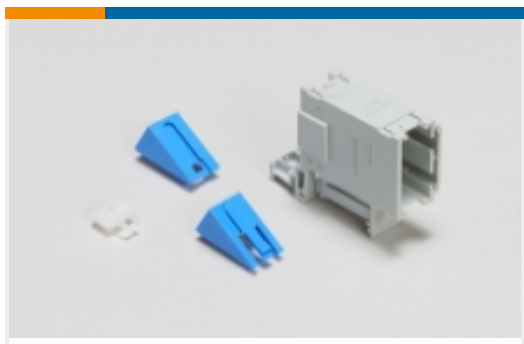
Connector Contacts(11)

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)

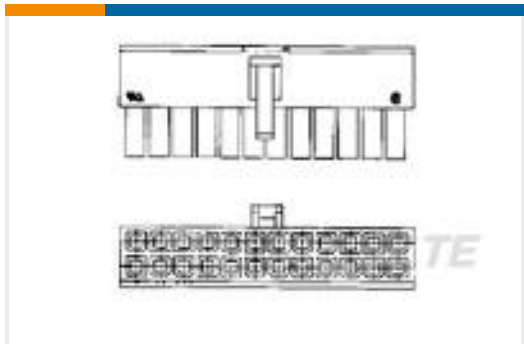


Rectangular Power Connectors(725)

Customers Also Bought



TE Part #1-86557-9
2.54mm FFC Connectors Pin Contacts



TE Part #1586765-4
4P RCPT VAL-U-LOK GW



TE Part #1241809-2
UMNL ST-SOCK,A-P 3P



TE Part #1534415-3
DUOPL POW FEM CON3P



TE Part #1534415-2
DUOPL POW FEM CON2P



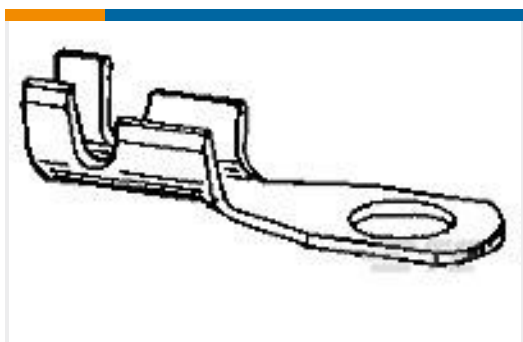
TE Part #927231-5
UNML CAP HSG 9WAY



TE Part #1-1703061-2
PLUG, 2 CIRCUIT, UNIVERSAL MATE-N-LOK



TE Part #1534073-2
MULTIFIT MK2 ASSY2P



TE Part #140664
RECTANGULAR 112 18-14 .236 X .394 TPBR



TE Part #1534072-3
MULTIF.ASSY MK2 3POS,AR

Documents



Product Drawings

PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1703061-1_A_c-1703061-1-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1703061-1_A_c-1703061-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1703061-1_A_c-1703061-1-a.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1703061-1_062520181341_dmtec

English

MD_1703061-1_062520181341_dmtec

English

Agency Approvals

VDE Certificate

English