1586377-1 ✔ ACTIVE

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

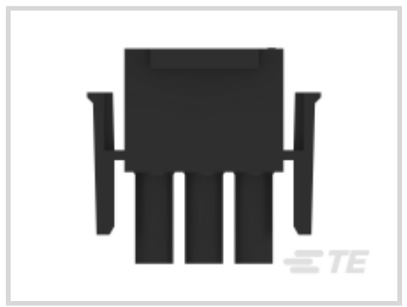
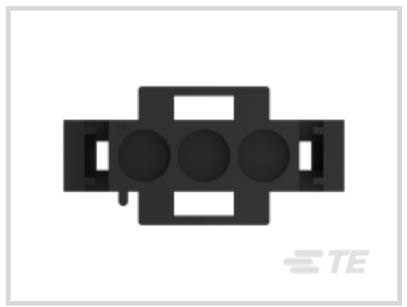
TE Internal #: 1586377-1

3 Position, Plug, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-2, 6.35 mm [.25 in] Centerline, 1 Row, 600 VAC, Universal MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors




Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Contact Retention Within Housing: **Without**

UL Flammability Rating: **UL 94V-2**

Features

Product Type Features

Connector Product 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

Body Features

Primary Product Color	Black

Contact Features

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

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 Material	Nylon

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1
Packaging Method	Bag

Product Compliance

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

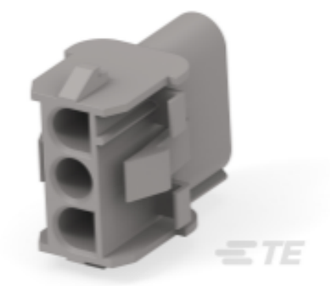
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)

	Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1-480701-8
03P UMNL CAP HSG GRY



TE Part # 1-480700-2
03P UMNL PLUG HSG RED



TE Part # 2178474-2
3POS UMNL CAP HSG V0 GW



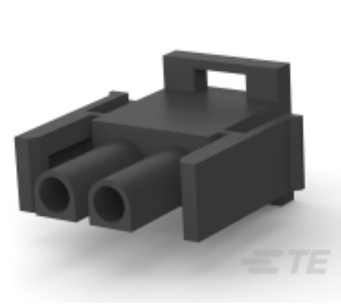
TE Part # 1586847-1
03P UMNL PLUG HSG, GW



TE Part # 770048-1
03P UMNL II CAP REAR 94VO



TE Part # 1-480700-4
03P UMNL PLUG HSG YELL



TE Part # 1-480698-9
02P UMNL PLUG HSG BLK



TE Part # 1-480701-4
03P UMNL CAP HSG YELL



TE Part # 770025-1
03P UMNLII IN-LINE CAP HSG KIT



TE Part # 794901-1
03P UMNL HI TEMP PLUG HSG



TE Part # 1586849-1
03P UMNL CAP HSG NATL, GW



TE Part # 1-480701-0
03P UMNL CAP HSG NATL



TE Part # 1-480700-1
03P UMNL PLUG HSG BRN



TE Part # 1-480701-9
03P UMNL CAP HSG BLK



TE Part # 794900-1
03P UMNL HI TEMP CAP HSG



TE Part # 350767-1
03P UMNL CAP HSG V0



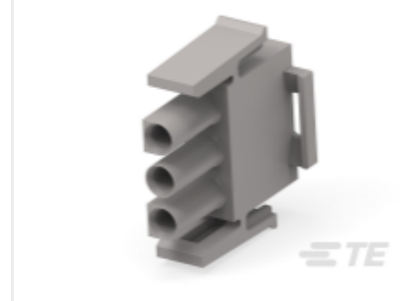
TE Part # 1-480700-5
03P UMNL PLUG HSG GRN



TE Part # 1-480701-1
03P UMNL CAP HSG BRN



TE Part # 1-480700-0
03P UMNL PLUG HSG NATL



TE Part # 1-480700-8
03P UMNL PLUG HSG GRY

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(206)



Connector Hardware(12)



Power Contacts(206)



Rectangular Power Connectors(642)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #0460-202-16141
PIN, SOLID, SIZE 16, 16-20AWG, NI



TE Part #66506-3
20 DF PIN



TE Part #350537-3
UMNL SOK 20-14 .0125 PTPPHBZ



TE Part #926898-1
UNIV.M-N-L.PIN



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

Documents

Product Drawings

03P UMNL PLUG HSG NATL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1586377-1_C_c-1586377-1-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1586377-1_C_c-1586377-1-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1586377-1_C_c-1586377-1-c.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Agency Approvals

UL

English

UL

English