1-1644055-3 ✔ ACTIVE

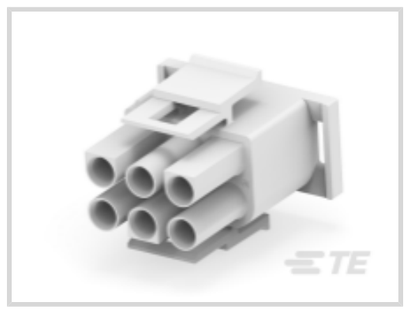
Universal MATE-N-LOK

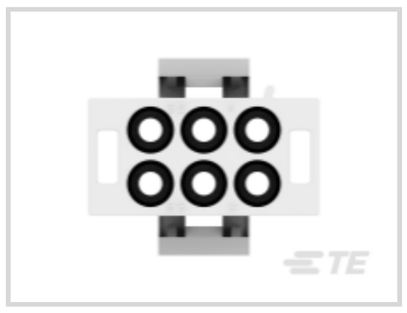
TE Internal #: 1-1644055-3

6 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 6.35 mm [.25 in] Centerline, 2 Row, 600 VAC, Wire & Cable, Power, Universal MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors




Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Termination Method to Wire & Cable: **Crimp**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
Housing Material	PA 66

Dimensions

Connector Width	20.32 mm[1.079 in]
Connector Height	13.97 mm[.55 in]
Connector Length	27.43 mm[.8 in]
Row-to-Row Spacing	6.35 mm[.25 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	CSA, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

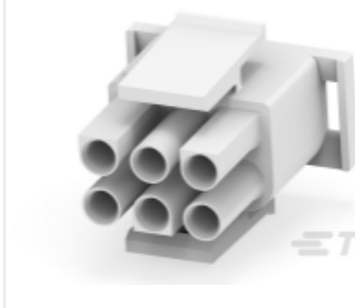
Product Compliance Disclaimer

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

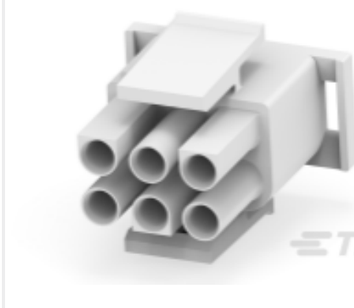
Compatible Parts



TE Part # 1-480704-9
06P UMNL PLUG HSG BLK



TE Part # 3-480704-0
06P UMNL PLUG HSG NATL



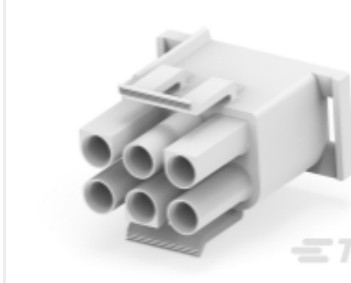
TE Part # 1-480704-0
06P UMNL PLUG HSG NATL



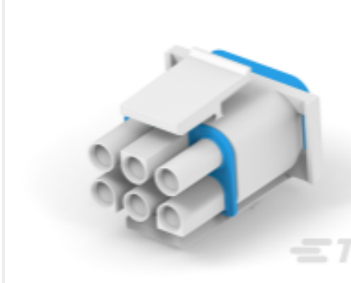
TE Part # 1-1644055-2
UMNL 6 WAY PLUG HOUSING



TE Part # 794096-1
06P UMNL PLUG



TE Part # 794816-1
06P UMNL PLUG,VO



TE Part # 1969779-1
6POS UMNL W/ INTERFACE & WIRE SEAL



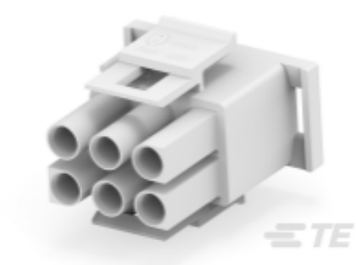
TE Part # 493462-1
UMNL 14 POSN PIN



TE Part # 1586846-1
06P UMNL PLUG HSG NATL, GW



TE Part # 350715-1
06P UMNL PLUG HSG



TE Part # 927712-3
6P UN-MNL STECKGEH

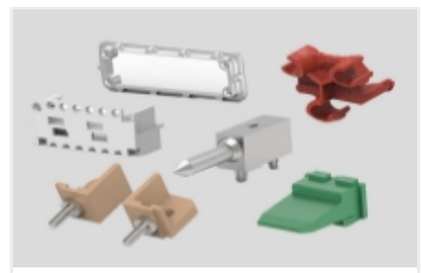
Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(206)



Connector Hardware(12)



Power Contacts(206)



Rectangular Power Connectors(642)



Standard Circular Connectors(1)

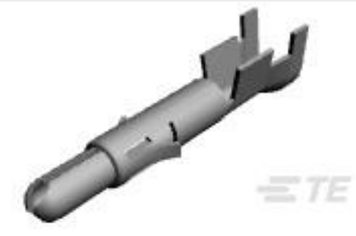
Customers Also Bought



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



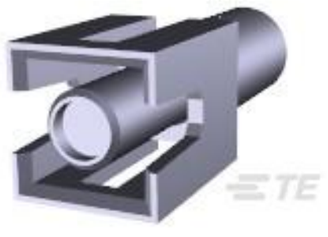
TE Part #170362-1
UNIV M-N-L SOC. 22-18 AWG



TE Part #350687-1
UMNL SPLIT PIN PTPBR



TE Part #350865-1
01P UMNL PLUG HSG



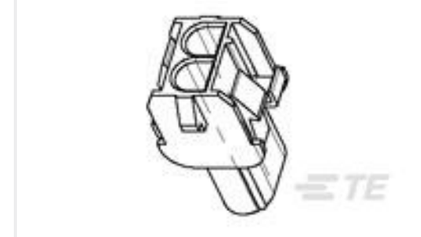
TE Part #350866-1
01P UMNL CAP HSG



TE Part #1-640415-0
UMNL KEYING PLUG V0



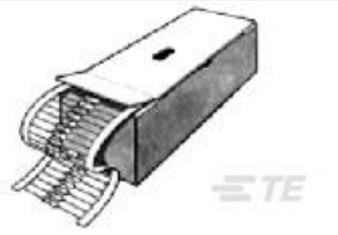
TE Part #1586851-1
02P UMNL PLUG HSG, GW



TE Part #1-1703062-2
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



TE Part #1-1863003-2
UMNL 9WAY PLUG HOUSING



TE Part #2176083-6
EP 5W (S) 68R 5%

Documents

Product Drawings

06P UMNL PLUG HSG GWEPT-V0 WINDOW LATCH

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1644055-3_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1644055-3_C1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1644055-3_C1.3d_stp.zip

English

3D PDF

3D

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Product Specifications

Application Specification

English

Agency Approvals

UL

English