1586379-1 ✔ ACTIVE

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

TE Internal #: 1586379-1

6 Position, Plug, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-2, 6.35 mm [.25 in] Centerline, 2 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	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Black

Contact Features

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 Material	Nylon

Dimensions

Connector Width	13.97 mm[.549 in]
Connector Height	27.43 mm[1.08 in]
Connector Length	27.43 mm[1.07 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 & Signal

Identification Marking

Circuit Identification Feature	Without

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1

Packaging Method	Package

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



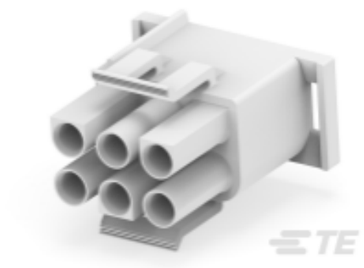
TE Part # 794535-1
06P UMNL PLUG HSG 150C BLK



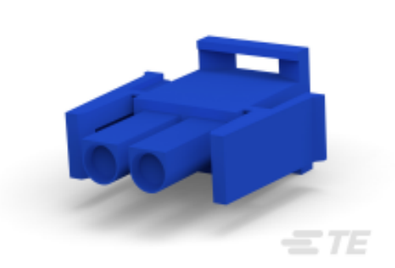
TE Part # 643253-1
06P UMNL ASSY MOD HSG VO



TE Part # 2029314-1
09P UMNL PLUG HSG 150C-RED



TE Part # 794096-1
06P UMNL PLUG



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



TE Part # 794851-1
12P UMNL PLUG HSG,BLACK



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



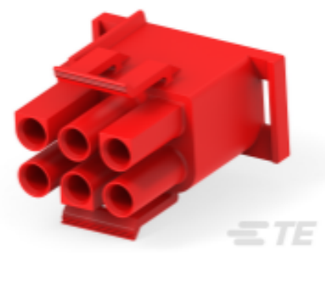
TE Part # 8-794535-1
06P UMNL PLUG HSG 150C BLK, SP



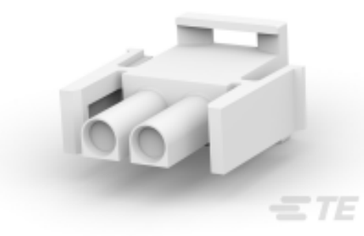
TE Part # 1-640406-0
05P UMNL VALVE CONN HSG



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



TE Part # 2029457-1
06P UMNL PLUG RED S-LATCH VO



TE Part # 1586702-1
02P UMNL PLUG HSG NATL LEAD IN

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



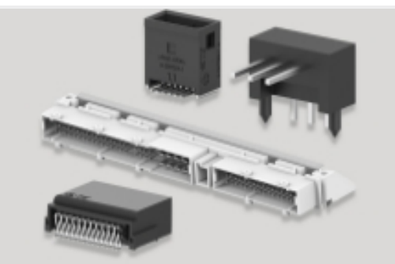
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



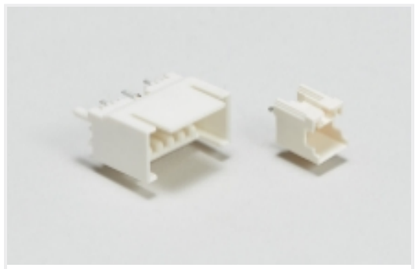
PCB Headers & Receptacles(285)



Rectangular Power Connectors(642)

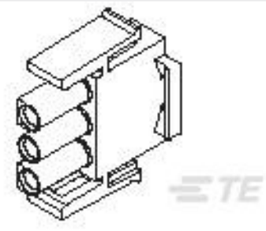


Standard Circular Connectors(1)

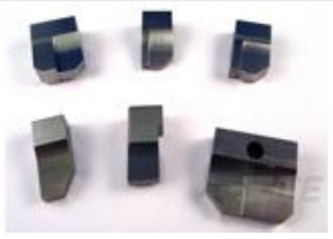


Wire-to-Board Headers & Receptacles (285)

Customers Also Bought



TE Part #1586377-1
03P UMNL PLUG HSG NATL



TE Part #3-1633621-1
ANVIL, COMBINATION



TE Part #4-1803257-3
ANVIL, COMBINATION END FEED



TE Part #2266019-1
OCEAN_2.0_APPLICATOR-S-.080F-RSM



TE Part #2836287-1
OCEAN_2.0_Applicator-S-062F-RSM



TE Part #2213240-1
NECTOR M SKT HSG ASSY, FH, 7P, CODE A



TE Part #2213242-1
NECTOR M HSG, PIN, FH, 7P CODE A



TE Part #293653-5
NECTOR S PCB CONN. ASSY. STRAIGHT PLUG



TE Part #1586378-1
03P UMNL CAP HSG NATL



TE Part #2213263-1
NECTOR M SKT HSG ASSY, PM, 7P CODE A

Documents

Product Drawings

06P UMNL PLUG HSG NATL

English

CAD Files

Customer View Model

ENG_CVM_CVM_1586379-1_C1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1586379-1_C1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1586379-1_C1.3d_igs.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English