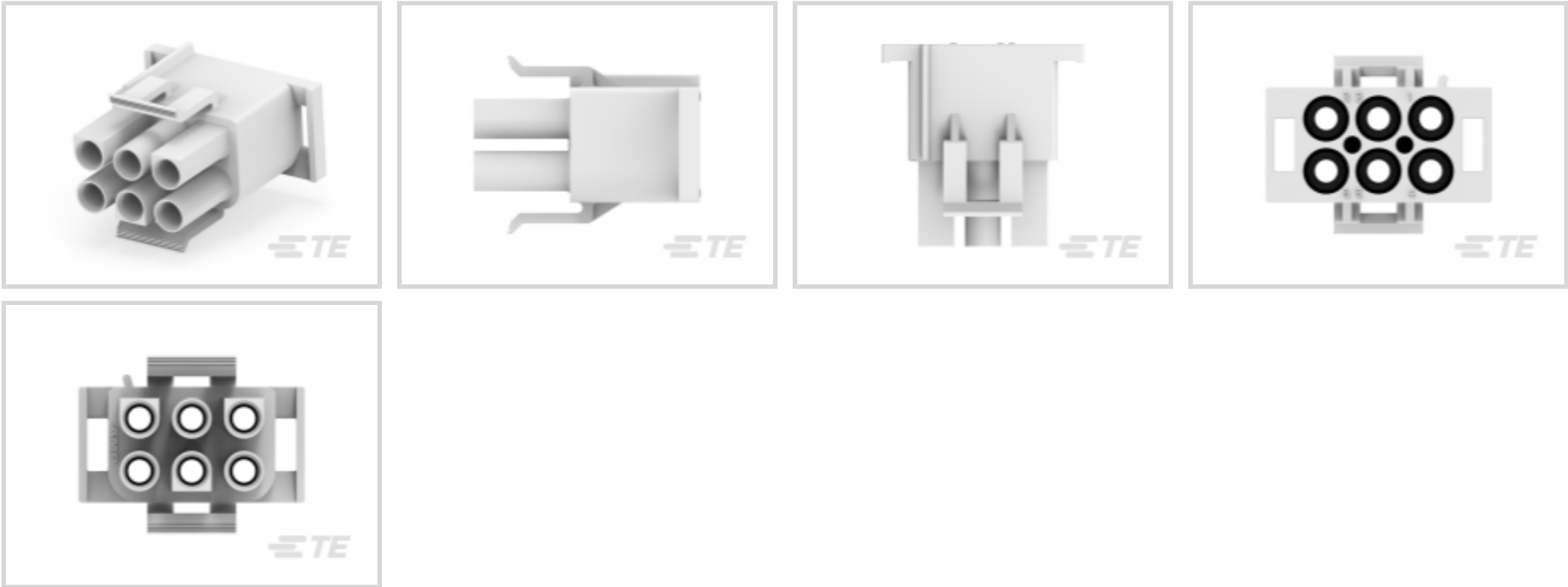




Connectors > Rectangular Connectors > Standard Rectangular Connectors



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
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Body Features

Primary Product Color	Natural
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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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	GWT 750°C (Without Flame)

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 794714-1 06P UMNL CAP HSG NATL,PAN MNT	 TE Part # 794816-1 06P UMNL PLUG,VO	 TE Part # 350781-1 06P UMNL CAP HSG	 TE Part # 2029369-1 06P UMNL-II REAR, TW-N-LK-CAP
 TE Part # 2029367-1 06P UMNL-II TW-N-LK-CAP FRONT	 TE Part # 1-480704-0 06P UMNL PLUG HSG NATL	 TE Part # 794096-1 06P UMNL PLUG	 TE Part # 1969881-1 06P UMNL CAP HSG, P/M, GW V0



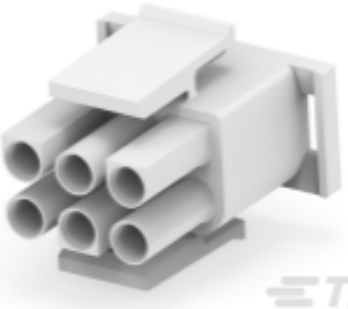
TE Part # 1-480705-2
06P UMNL CAP HSG RED



TE Part # 1586860-1
06P UMNL CAP HSG, GW



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



TE Part # 350715-1
06P UMNL PLUG HSG



TE Part # 8-794536-1
06P UMNL CAP HSG 150C BLK, SPE



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



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



TE Part # 926682-4
6P UN-MNL AUFN-GEH



TE Part # 2178773-1
UMNL 6 WAY CAP HOUSING



TE Part # 1586887-1
06P UMNL CAP HSG, P/M, GW



TE Part # 1644055-1
UNIV MATE-N-LOK HOUSING 6W



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

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(206)



Connector Hardware(12)



Power Contacts(206)



Rectangular Power Connectors(643)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #41802
250 FASTON FLAG REC 18-12 AWG
TPBR



TE Part #3-641522-4
04P MTA156 POST CON ASSY ORNG



TE Part #3-643817-3
03P MTA156 CONN ASSY 18AWG
ORA



TE Part #3-644807-3
03P MTA156 PSTD CONN 18AWG LF



TE Part #8-1393211-6
T92S11A22-24



TE Part #3-1393292-8
V23074A1002A403-EV-CBOX



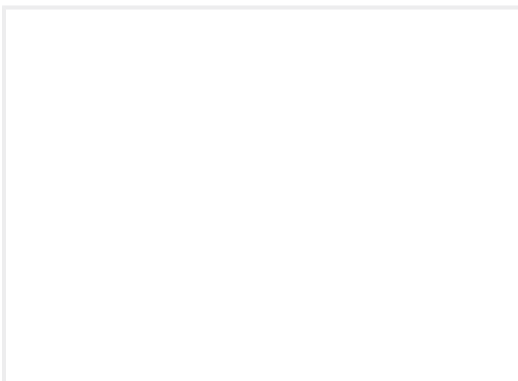
TE Part #2329386-2
PN OFF/ON FC RED M1 TERM IP68
500MM LHS



TE Part #2329388-6
PB OFF/ON FC RED M1 TERM WHI
LED IP68 50



TE Part #1-2329388-1
PB OFF/ON FC YLW M1 TERM WHI
LED IP68 50



TE Part #1-350779-5
04P UMNL V0 PLUG HSG GREEN

Documents

Product Drawings

06P UMNL PLUG, GWI-V2

English

CAD Files

Customer View Model

ENG_CVM_CVM_794816-2_D1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794816-2_D1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794816-2_D1.3d_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

VDE Certificate

English

VDE Certificate

English