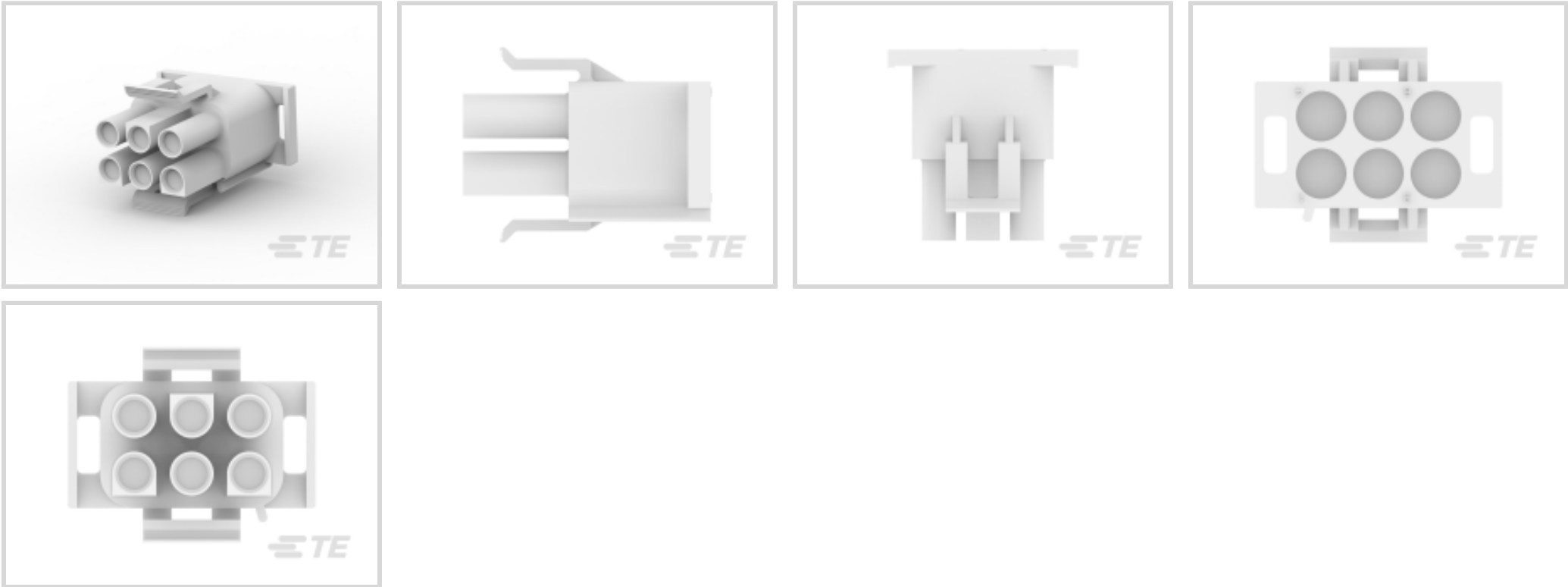




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **6**

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

Features

Product Type Features

Rectangular Power Connector 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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Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
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 Color	Natural
Housing Material	Nylon
Dimensions	
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
Industry Standards	
UL Rating	Recognized
Compatible With Agency/Standards Products	UL, VDE
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: JUNE 2023 (235)



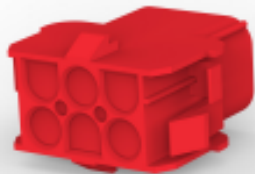
Candidate List Declared Against: JUNE 2023 (235)
Does not contain REACH SVHC

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 # 1-480705-2 06P UMNL CAP HSG RED	 TE Part # 1644055-1 UNIV MATE-N-LOK HOUSING 6W	 TE Part # 1586860-1 06P UMNL CAP HSG, GW	 TE Part # 770027-1 06P UMNLI IN-LINE CAP HSG KIT
 TE Part # 926682-3 06P UNIV.M-N-L.HSG.	 TE Part # 1586846-1 06P UMNL PLUG HSG NATL, GW	 TE Part # 1-480705-9 06P UMNL CAP HSG BLK	 TE Part # 350781-1 06P UMNL CAP HSG
 TE Part # 1-480704-9 06P UMNL PLUG HSG BLK	 TE Part # 350715-1 06P UMNL PLUG HSG	 TE Part # 1-480705-0 06P UMNL CAP HSG NATL	 TE Part # 1-480704-0 06P UMNL PLUG HSG NATL



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



TE Part # 794096-1
06P UMNL PLUG



TE Part # 2178773-1
UMNL 6 WAY CAP HOUSING



TE Part # 794714-1
06P UMNL CAP HSG NATL,PAN MNT



TE Part # 2-480705-0
06P UMNL CAP HSG NATL



TE Part # 770051-1
06P UMNL II CAP-FRONT 94VO



TE Part # 770052-1
06P UMNL II CAP REAR 94VO



TE Part # 926682-1
UNIVERSAL M-N-L CAP 6 POS

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



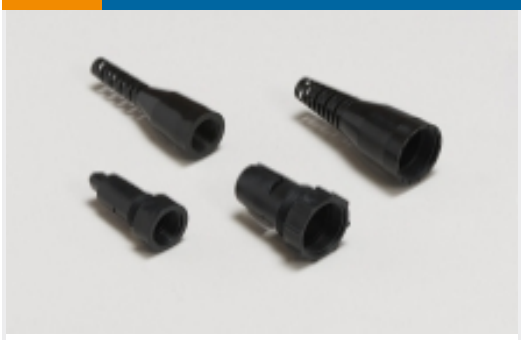
Connector Contacts(209)



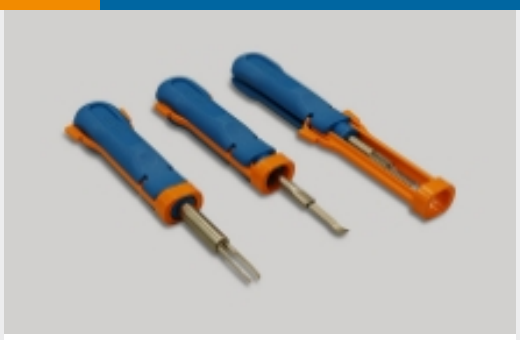
Connector Hardware(12)



Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



Rectangular Connector Housings(1)



Rectangular Power Connectors(672)

Customers Also Bought



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

TE Part #61867-2
RING CRIMP 18-14 AWG TPBR

TE Part #42801-2
187 FASTON REC 20-16 AWG TPBR

TE Part #32952
PG R 22-16 COMM 22-18 MIL 10

TE Part #324075
TERMINAL,PIDG R 26-22 10

TE Part #1744036-6
06P ECONOMY POWER .200 CL HSG

TE Part #3-521191-2
ULTRA-FAST 250 ASY TAB 16-14 AWG TPBR

TE Part #1534072-7
AMP MF MK II ASS'Y/AR 7POS

TE Part #520988-3
ULTRA-POD 250 ASSY REC 22-18 AWG TPBR

Documents

Product Drawings
06P UMNL PLUG, GWI-V2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794816-2_A_c-794816-2-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794816-2_A_c-794816-2-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794816-2_A_c-794816-2-a.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