



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **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-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 GF
Dimensions	
	1.08 in
Row-to-Row Spacing	6.35 mm[.25 in]
Usage Conditions	
Operating Temperature Range	-55 – 120 °C[-67 – 248 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL, VDE
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

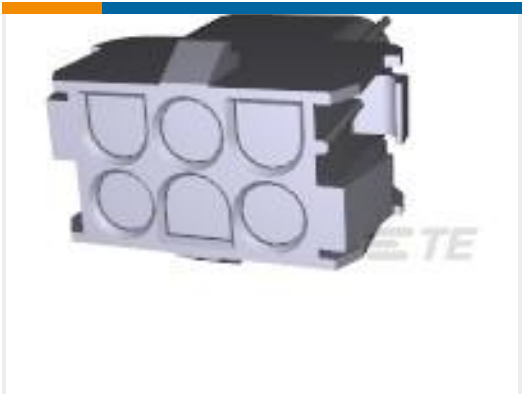
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1586860-1 06P UMNLCAP HSG, GW	 TE Part # 770027-1 06P UMNLCAP IN-LINE HSG KIT	 TE Part # 926682-3 06P UNIV.M-N-L.HSG.	 TE Part # 794536-1 06P UMNLCAP HSG 150C BLK
 TE Part # 2029367-1 06P UMNLCAP TW-N-LK-CAP FRONT	 TE Part # 926682-1 UNIVERSAL M-N-L CAP 6 POS	 TE Part # 1586887-1 06P UMNLCAP HSG, P/M, GW	 TE Part # 8-794536-1 06P UMNLCAP HSG 150C BLK, SPE



TE Part # 770037-1
06P UMNL II PLUG-FRONT 94VO



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



TE Part # 1969881-1
06P UMNL CAP HSG, P/M, GW V0



TE Part # 2029369-1
06P UMNL-II REAR, TW-N-LK-CAP



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



TE Part # 794714-3
06P UMNL CAP HSG RED,PAN MNT

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



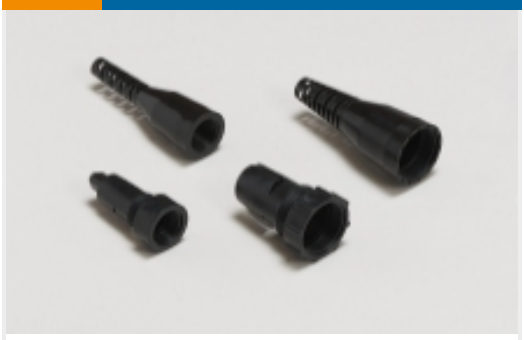
Connector Contacts(209)



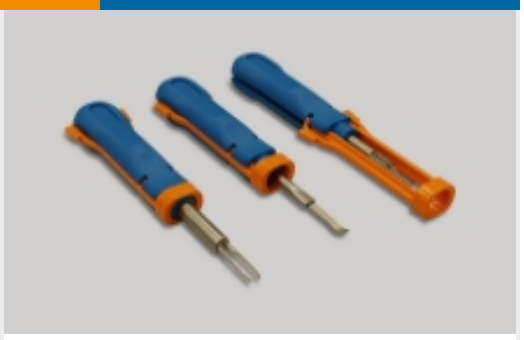
Connector Hardware(12)



Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



Rectangular Connector Housings(1)



Rectangular Power Connectors(670)



Standard Circular Connectors(1)

Customers Also Bought



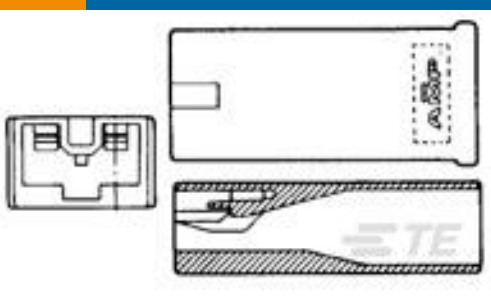
TE Part #917686-1
2.5 SIGNAL D/LOCK PLUG HSG 2P



TE Part #170224-2
250 FASTON, REC., 16-10 AWG, BR



TE Part #175150-2
AMP UNIVE. POWER CONN TAB CONT



TE Part #179970-1
250 HSG. PL EX REC.



TE Part #2232343-1
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part #1546306-5
5P .374" DR BARRIER STRIP



TE Part #5-1437624-2
PKES70B1/4=KNOB FLUTED W/SKIRT



TE Part #1-6609037-1
3EMC1=F8126



TE Part #2232511-5
3P, RAST 5 TAB HEADER, THV



TE Part #6-1423008-1
T92S7D1X-12-99

Documents

Product Drawings

06P UMNL II PLUG REAR 94VO

English

CAD Files

Customer View Model

ENG_CVM_CVM_770038-1_Z.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770038-1_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770038-1_Z.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English