



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Wire**

Features

Dimensions

	.845 in
Row-to-Row Spacing	6.35 mm [.25 in]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
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
-------------------	---------

Contact Features

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

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

Usage Conditions

Operating Temperature Range	-55 – 120 °C[-67 – 248 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

Compatible With Agency/Standards Products	UL, VDE, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189, Certified
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 # 1644055-1
UNIV MATE-N-LOK HOUSING 6W



TE Part # 770020-1
06P UMNLII IN-LNE PLUG HSG KIT



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



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



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



TE Part # 1586090-1
06P UMNL PINHDR NO DRAIN HOLE



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



TE Part # 794816-2
06P UMNL PLUG, GWI-V2



TE Part # 1586090-3
06P UMNL PINHDR W/O DR HOLE LF



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



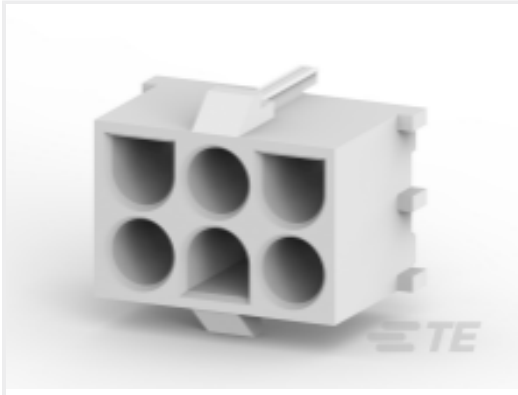
TE Part # 643253-1
06P UMNL ASSY MOD HSG VO



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



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



TE Part # 641956-2
6P UMNL HDR HSG POL

Also in the Series | Universal MATE-N-LOK



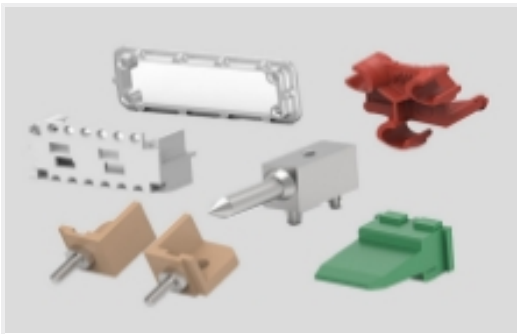
Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(209)



Connector Hardware(12)



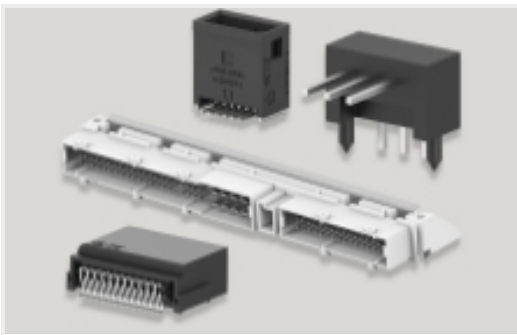
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(284)



Rectangular Connector Housings(1)



Rectangular Power Connectors(370)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #5-917687-1
2.5 SIGNAL D/LOCK PLUG HSG 3P (GWT)

TE Part #770005-1
UMNL II PIN PTPBR

TE Part #172074-1
187 HSG. PLMKII REC. NAT

TE Part #936604-1
PL 250 FLAG REC 18-14AWG 0.40X28.0 PTPBR

TE Part #1-770008-0
UMNLII SOK SN/AU/PHBZ LF

TE Part #770038-1
06P UMNL II PLUG REAR 94VO

TE Part #85091-1
250 HSG. PL MKII FLAG REC. 10mm 2P NAT

TE Part #1855522-1
HDM/ULTRA POD/FA SAPR110F180F LM

TE Part #2318468-1
2.5 SMC RECEPTACLE CONTACT

Documents

Product Drawings

06P UMNL II CAP REAR 94VO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770052-1_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770052-1_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770052-1_Y.3d_stp.zip

English

3D PDF

English



Customer View Model

[ENG_CVM_770052-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_770052-1_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_770052-1_F.2d_dxf.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