



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **2**

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

Features

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	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Inline
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
Dimensions	
	.55 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
Agency/Standard	CSA, UL, VDE
Approved Standards	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 2023 (235)
Candidate List Declared Against: JUNE 2023 (235)
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

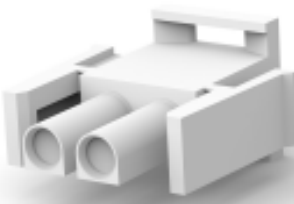
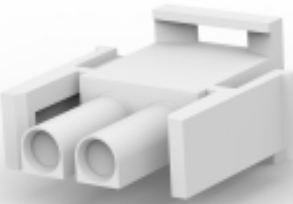
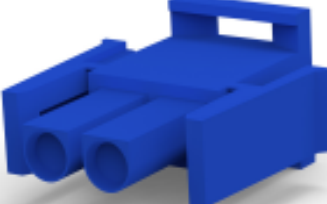
Solder Process Capability

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>

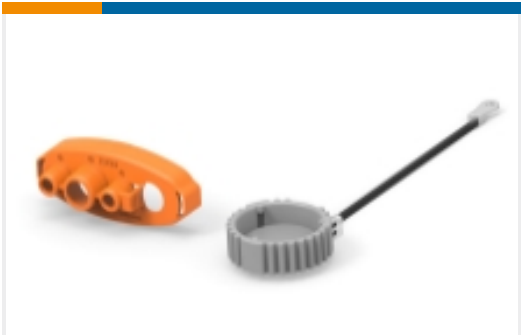
Compatible Parts

 TE Part # 770017-1 02P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 770045-1 02P UMNLI CAP-FRONT 94V0	 TE Part # 794814-1 02P UMNLI PLUG HSG,HI TEMP	 TE Part # 1703061-1 PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK
 TE Part # 1586851-1 02P UMNLI PLUG HSG, GW	 TE Part # 1586702-1 02P UMNLI PLUG HSG NATL LEAD IN	 TE Part # 643250-1 02P UMNLI ASSY MOD HSG V0	 TE Part # 1703061-2 PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



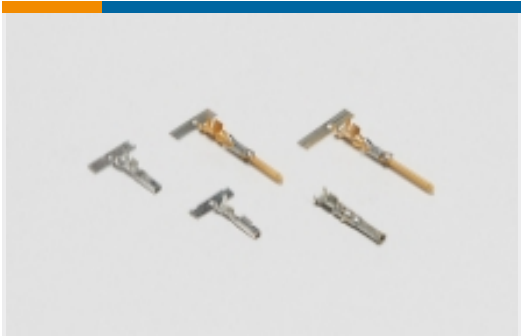
Connector Contacts(2)



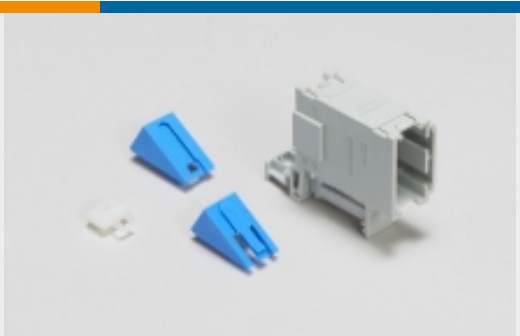
Connector Seals & Cavity Plugs(27)



Insertion & Extraction Tools(4)



Power Contacts(207)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(1)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(8)

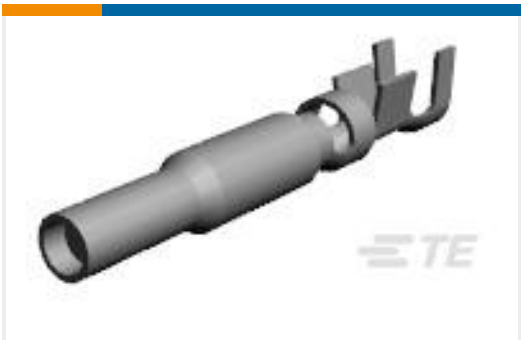


Rectangular Power Connectors(672)

Customers Also Bought



TE Part #770041-1
12P UMNL II PLUG-FRONT 94VO



TE Part #1-770251-0
UMNLII SOK PTPPHBZ LP LF 20-14



TE Part #770027-1
06P UMNLII IN-LINE CAP HSG KIT



TE Part #794188-1
04P MINI UMNL2 PLUG HSG UL94VO



TE Part #770007-1
UMNL II PIN PTPBR



TE Part #770042-1
12P UMNL II PLUG REAR 94VO



TE Part #770039-1
09P UMNL II PLUG-FRONT 94VO



TE Part #770033-1
03P UMNL II PLUG-FRONT 94VO



Documents

Product Drawings

02P UMNL II CAP REAR 94VO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770046-1_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770046-1_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770046-1_U.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_770046-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_770046-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_770046-1_D.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

770046-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire, 2 Position, 6.35 mm [.25 in] Centerline, Wire & Cable, UL 94V-0, Universal MATE-N-LOK

