



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: **2**

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	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

Contact Features

Contact Layout	Inline
Multiple Contact Types	Without
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	White
Housing Material	Nylon GF
Dimensions	
Width	13.97 mm
Length	22.99 mm
Usage Conditions	
Operating Temperature Range	-55 – 120 °C[-67 – 248 °F]
Operation/Application	
Assembly Integration Feature	Without
Circuit Application	Power & Signal
Industry Standards	
CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189
VDE Tested	Yes
Packaging Features	
Packaging Method	Package
Packaging Quantity	1
Other	
For Use With	Universal MATE-N-LOK Connectors



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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 770253-3
UMNL II SOK PTPPHBZ LP 24-18



TE Part # 770247-3
UMNL II SOK PTPPHBZ LP 12-10

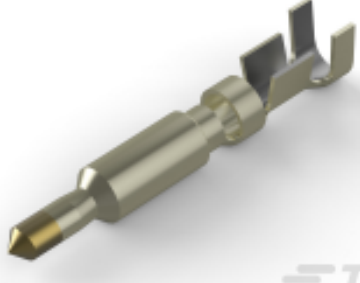
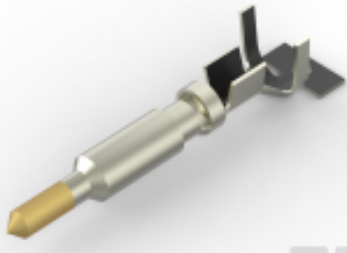
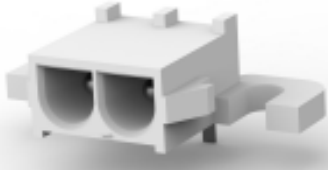
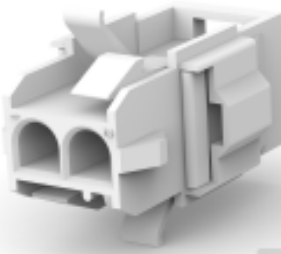
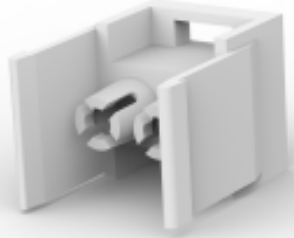


TE Part # 1-770251-0
UMNLII SOK PTPPHBZ LP LF 20-14

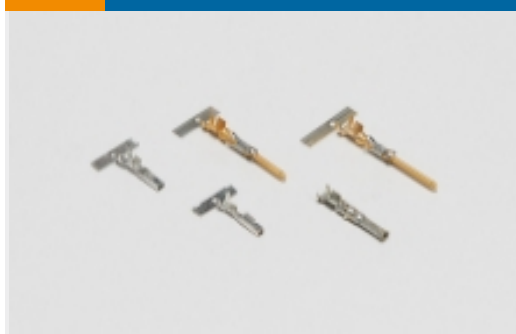


TE Part # 194009-1
PIN ASSY..070



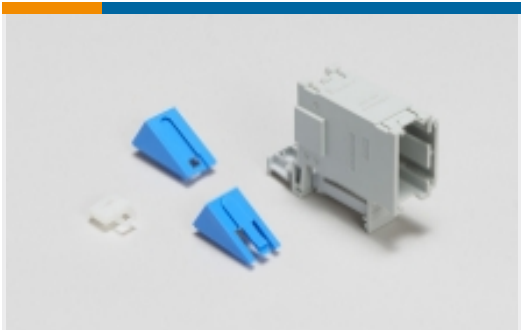
 TE Part # 1-770250-0 UMNL II PIN SN/AUNI/BR LP20-14	 TE Part # 3-350942-0 02P UMNL HDR ASSY R/A 94VO LF	 TE Part # 350787-1 02P UMNL PIN HDR ASSY 94VO	 TE Part # 1-770005-0 UMNL II PIN AUSN/NI/BR
 TE Part # 1-350942-0 02P UMNL HDR ASSY R/A 94VO	 TE Part # 350786-3 02P UMNL HDR ASSY AU 94VO	 TE Part # 173924-1 2 P ACTION PIN UMNL	 TE Part # 770024-1 02P UMNLII IN-LINE CAP HSG KIT
 TE Part # 350824-1 02P UMNL HDR ASSY PC 94VO	 TE Part # 643226-1 02P UMNL HDR ASSY R/A 94VO	 TE Part # 641964-1 02P UMNL PIN HDR ASSY POL 94VO	 TE Part # 350824-4 02P UMNL HDR ASSY PC LF
 TE Part # 641964-3 02P UMNL PIN HDR ASSY POL LF	 TE Part # 770046-1 02P UMNL II CAP REAR 94VO	 TE Part # 350786-1 02P UMNL HDR ASSY 94VO	 TE Part # 350778-1 02P UMNL CAP HSG

Also in the Series | Universal MATE-N-LOK

 Circular Power Connectors(2)	 Connector Contacts(11)	 Insertion & Extraction Tools(4)	 Power Contacts(207)
---	--	--	--



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(729)

Customers Also Bought



TE Part #770022-1
12P UMNLI IN-LINE PLUG HSG KIT



TE Part #770026-1
04P UMNLI IN-LINE CAP HSG KIT



TE Part #770021-1
09P UMNLI IN-LINE PLUG HSG KIT



TE Part #770030-1
15P UMNLI IN-LINE CAP HSG KIT



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



TE Part #770025-1
03P UMNLI IN-LINE CAP HSG KIT



TE Part #770020-1
06P UMNLI IN-LINE PLUG HSG KIT



TE Part #770023-1
15P UMNLI IN-LINE PLUG HSG KIT



TE Part #770029-1
12P UMNLI IN-LINE CAP HSG KIT



TE Part #193797-1
SKT ASSY - 2MM, 10 AWG

Documents



Product Drawings

02P UMNLI IN-LNE PLUG HSG KIT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770017-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770017-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770017-1_F.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

Product Environmental Compliance

MD_770017-1_0809201819_dmtec

English

MD_770017-1_0809201819_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English