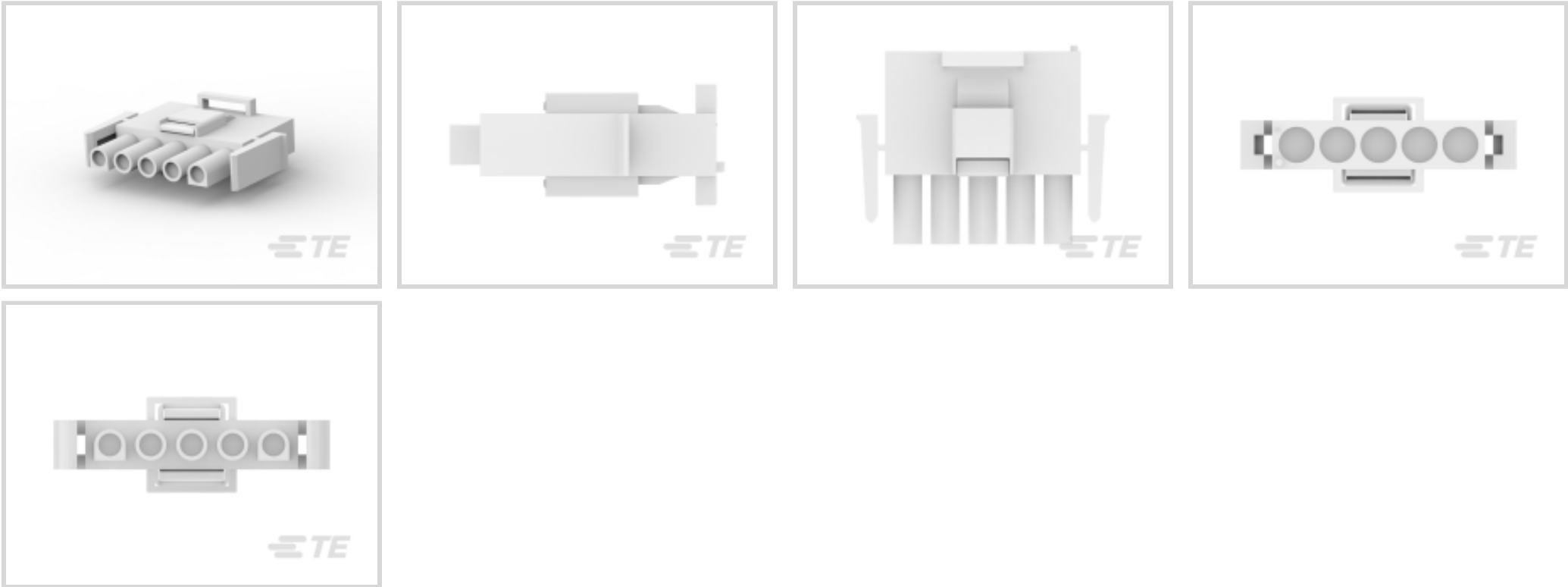




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **5**

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

Features

Product Type Features

Assembly Requirement	Unassembled Kit
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	5
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	Socket

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	6.35 mm [.25 in]
Housing Color	White
Housing Material	Nylon

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Rating	Recognized
Compatible With Agency/Standards Products	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
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Solder Process Capability	Not applicable for solder process capability
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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 # 194018-1 PIN ASSY..070	 TE Part # 770253-3 UMNL II SOK PTPPHBZ LP 24-18	 TE Part # 770247-3 UMNL II SOK PTPPHBZ LP 12-10	 TE Part # 770252-1 UMNL II PIN PTPBR LP 24-18
 TE Part # 1-770250-0 UMNL II PIN SN/AUNI/BR LP20-14	 TE Part # 770250-1 UMNL II PIN PTPBR LP 20-14	 TE Part # 770251-3 UMNL II SOK PTPPHBZ LP 20-14	 TE Part # 640901-3 05P UMNL HDR ASSY 94VO LF
 TE Part # 3-643232-0 05P UMNL HDR ASSY R/A 94VO LF	 TE Part # 1-770005-0 UMNL II PIN AUSN/NI/BR	 TE Part # 3-350945-0 05P UMNL HDR ASSY R/A 94VO LF	 TE Part # 640900-1 05P UMNL PIN HDR ASSY 94VO







TE Part # 350810-1
05P UMNL CAP HSG





TE Part # 1-350945-0
05P UMNL HDR ASSY R/A 94VO





TE Part # 643232-1
05P UMNL HDR ASSY R/A 94VO



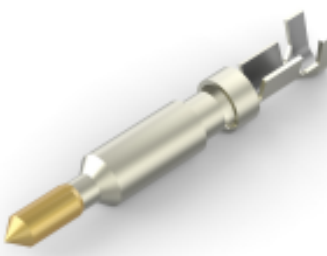


TE Part # 643406-1
05P UMNL PIN HDR ASSY POL 94VO



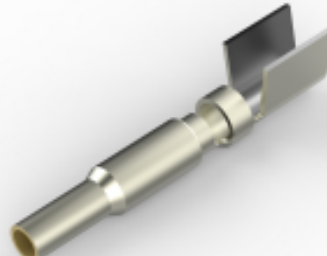


TE Part # 640901-1
05P UMNL SOK HDR ASSY 94VO



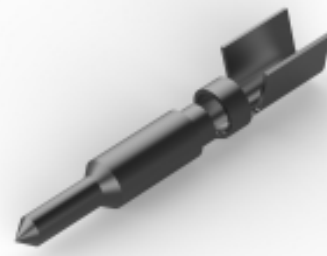


TE Part # 1-770009-0
UMNL II PIN AUSN/NI/BR





TE Part # 1-770247-0
UMNL II SOK SN/AUNI/PHBZ LP





TE Part # 770003-3
UMNL II PIN PTPPHBZ

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 #521011-2
ULTRA-POD 250 ASSY REC 18-14 AWG TPBR



TE Part #499252-6
034 STRAIN RELIEF A-L RCPT



TE Part #747275-4
009 LP HDF STRAIN RELIEF



TE Part #1658622-8
34 NOVO MIL/CTR 30DP, LEAD FREE



TE Part #770018-1
03P UMNLII IN-LNE PLUG HSG KIT



TE Part #770053-1
09P UMNL II CAP-FRONT 94VO



TE Part #770045-1
02P UMNL II CAP-FRONT 94VO



TE Part #556137-2
HSG, AMPINNERGY WTW, 1 POS, BLACK



TE Part #556136-1
CONT, AMPINNERGY WTW, STRIP, 10-12



TE Part #1SNA115201R2500
M6/9.EE

Documents

Product Drawings

05P UMNLII IN-LNE PLUG HSG KIT

English

CAD Files

Customer View Model

ENG_CVM_CVM_770016-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770016-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770016-1_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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English