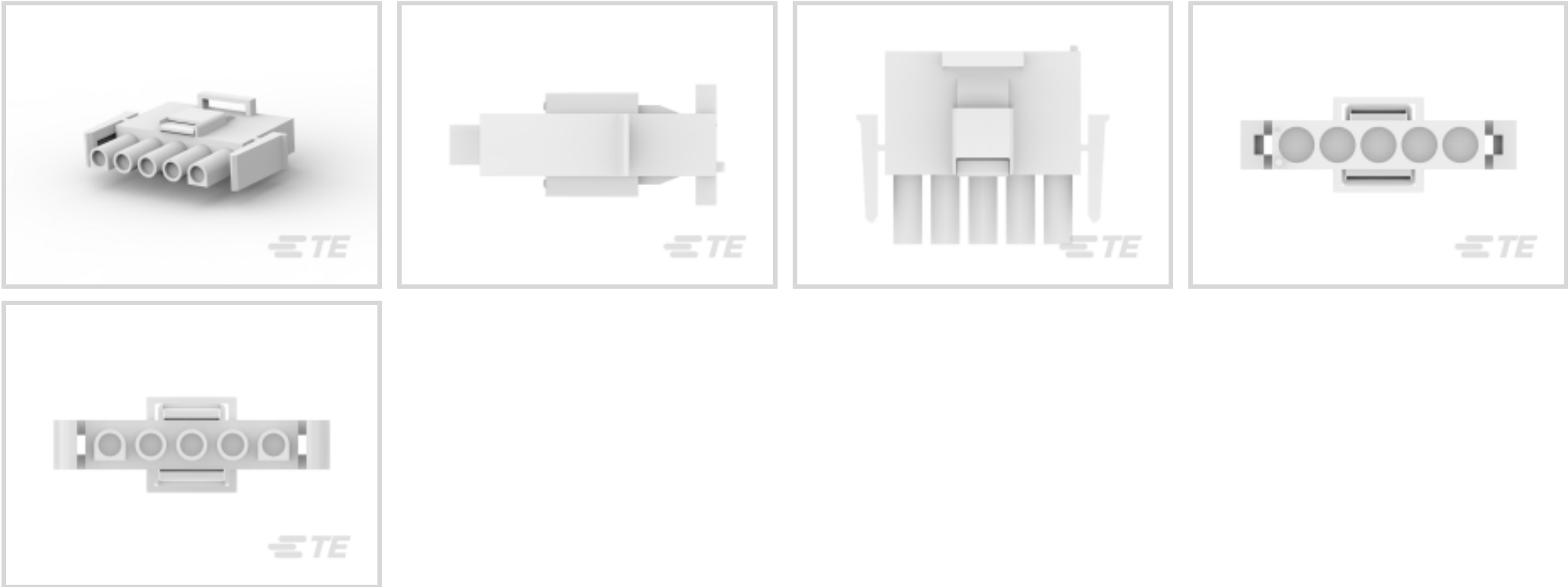




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



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

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
UL Rating	Recognized
Agency/Standard Number	E28476
VDE Tested	Yes
Agency/Standard	UL

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

For Use With	Standard Universal MATE-N-LOK Connectors
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
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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: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 194018-1 PIN ASSY..070	 TE Part # 770253-3 UMNLI II SOK PTPPHBZ LP 24-18	 TE Part # 770247-3 UMNLI II SOK PTPPHBZ LP 12-10	 TE Part # 1-770251-0 UMNLII SOK PTPPHBZ LP LF 20-14
 TE Part # 1-770250-0 UMNLI II PIN SN/AUNI/BR LP20-14	 TE Part # 1-770005-0 UMNLI II PIN AUSN/NI/BR	 TE Part # 3-350945-0 05P UMNLI HDR ASSY R/A 94VO LF	 TE Part # 640900-1 05P UMNLI PIN HDR ASSY 94VO







TE Part # 350810-1
05P UMNL CAP HSG





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



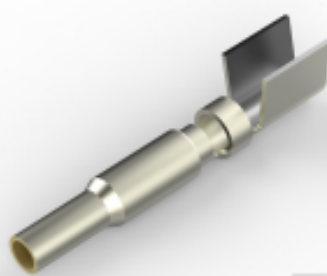


TE Part # 643406-1
05P UMNL PIN HDR ASSY POL 94VO



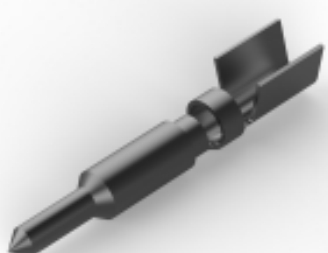


TE Part # 640901-1
05P UMNL SOK HDR ASSY 94VO



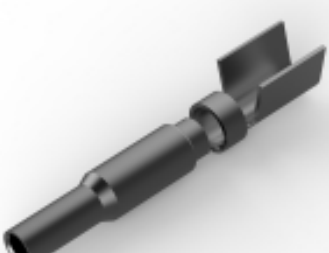


TE Part # 1-770247-0
UMNL II SOK SN/AUNI/PHBZ LP





TE Part # 770003-3
UMNL II PIN PTPPHBZ



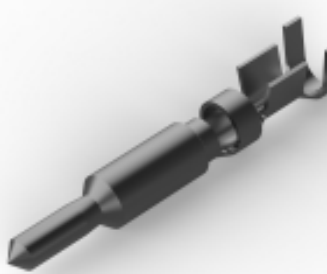


TE Part # 770004-3
UMNL II SOK PTPPHBZ





TE Part # 770008-3
UMNL II SOK PTPPHBZ



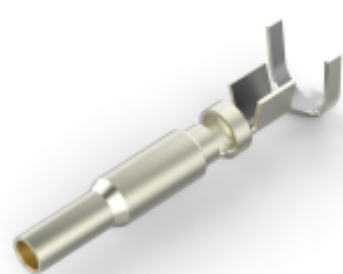


TE Part # 770007-1
UMNL II PIN PTPBR



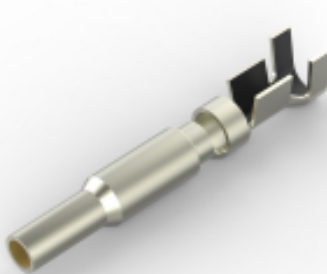


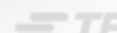
TE Part # 770009-1
UMNL II PIN PTPBR





TE Part # 1-770006-0
UMNL II SOK SN/AUNI/PHBZ





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

Also in the Series | Universal MATE-N-LOK



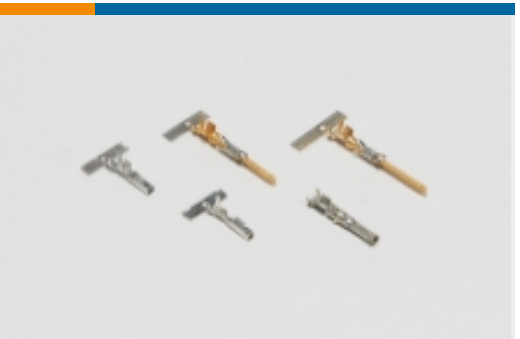
Circular Power Connectors(2)



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 #770040-1
09P UMNL II PLUG REAR 94VO



TE Part #770054-1
09P UMNL II CAP REAR 94VO



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



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



TE Part #770032-1
02P UMNL II PLUG REAR 94VO



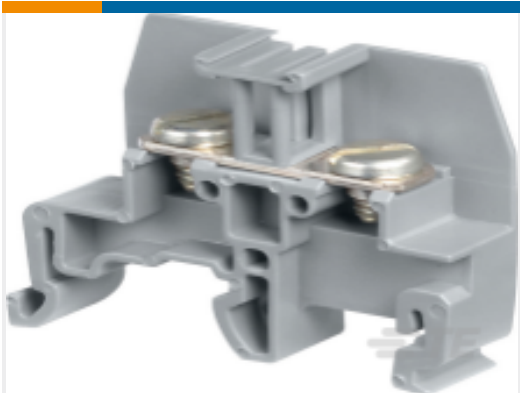
TE Part #556136-1
CONT,AMPINNRGY WTW,STRIP,10-12



TE Part #770004-4
UMNL II SOK SN/AUNI/PHBZ



TE Part #770008-4
UMNL II SOK SN/AUNI/PHBZ



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

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[VDE Certificate](#)

English