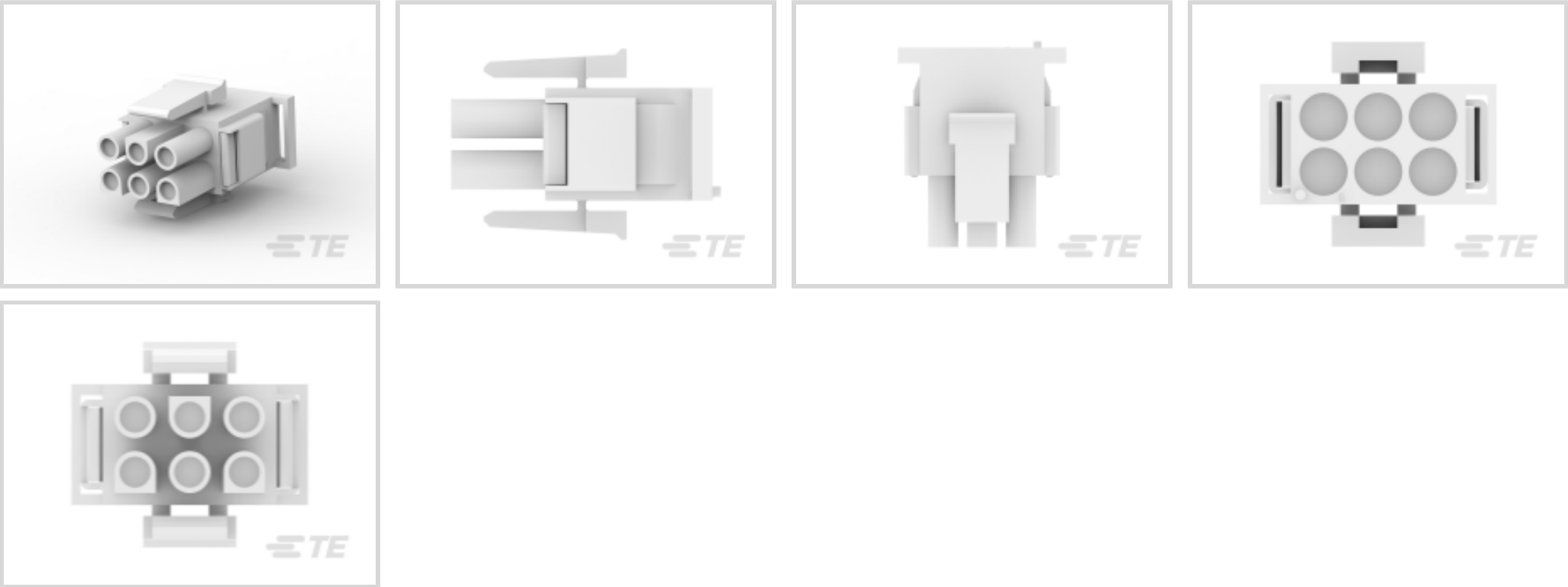




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Wire**
Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
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
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Body Features

Primary Product Color	White
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Contact Features

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

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

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

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]
Connector Width	13.97 mm
Connector Length	22.99 mm

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

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

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
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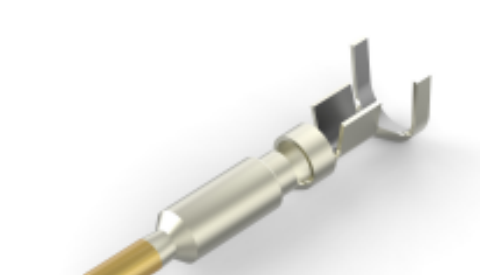
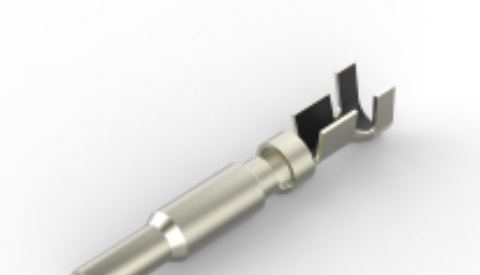
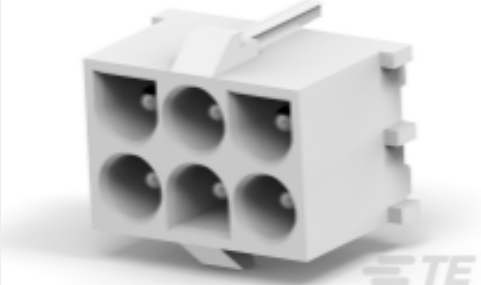
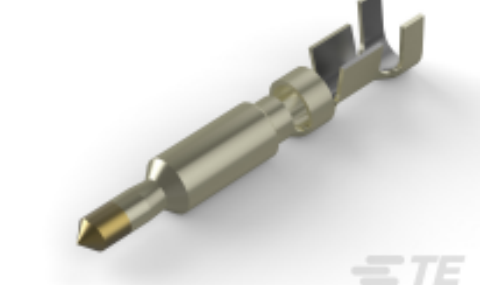


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low 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 # 194260-1 HC VPM MNL,6 CIR LUB.	 TE Part # 58382-1 TOOL, DISENGAGEMENT	 TE Part # 1-770248-0 UMNLI PIN SN/AUNI/BR LP	 TE Part # 1-770008-0 UMNLI SOK SN/AU/PHBZ LF
 TE Part # 1-770252-0 UMNLI PIN LP 14-18	 TE Part # 194002-1 PIN ASSY..070	 TE Part # 1-770250-0 UMNLI PIN SN/AUNI/BR LP20-14	 TE Part # 194213-1 SKT,MNL,#12/14, LUBRICATED



TE Part # 350834-1
06P UMNL HDR ASSY PC 94VO



TE Part # 770254-1
UMNL II GROUND PIN LP 14-20



TE Part # 770052-1
06P UMNL II CAP REAR 94VO



TE Part # 770248-1
UMNL II PIN PTPBR LP 20-14AWG



TE Part # 770010-4
UMNL II SOK SN/AUNI/PHBZ



TE Part # 770253-4
UMNL II SOK SNAUNIPHBZ LP24-18



TE Part # 641970-1
06P UMNL PIN HDR ASSY 94VO



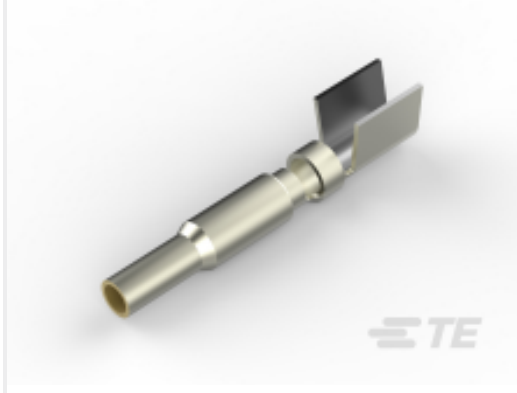
TE Part # 643424-3
06P UMNL HDR ASSY POL 94VO LF



TE Part # 926682-1
UNIVERSAL M-N-L CAP 6 POS



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



TE Part # 770247-4
UMNL II SOK SN/AUNI/PHBZ LP



TE Part # 350849-6
06P UMNL CAP TEST ASSY 94VO

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(208)



Connector Hardware(12)



Power Contacts(208)



Rectangular Power Connectors(651)



Standard Circular Connectors(1)

Customers Also Bought





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



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



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



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



TE Part #770024-1
02P UMNLI IN-LINE CAP HSG KIT



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



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



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



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



TE Part #770019-1
04P UMNLI IN-LNE PLUG HSG KIT

Documents

Product Drawings

06P UMNLI IN-LNE PLUG HSG KIT

English

CAD Files

Customer View Model

ENG_CVM_CVM_770020-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770020-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770020-1_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

VDE Certificate

English