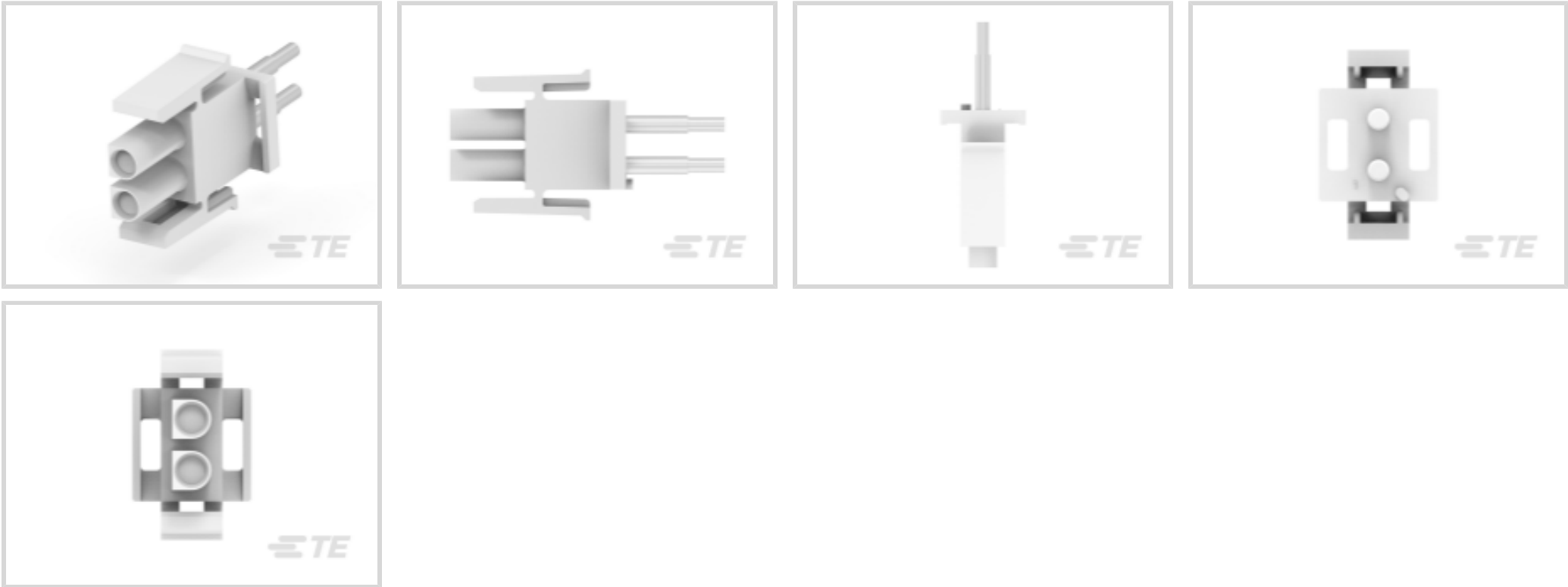




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Power Positions	2
Number of Positions	2
Number of Rows	1

Electrical Characteristics

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

Body Features

Primary Product Color	Natural
-----------------------	---------



Contact Features

Wire Contact Termination Area Plating Material	Pre-Tin
Multiple Contact Types	Without
Contact Layout	Inline
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	Without
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Strain Relief	With
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Wire Size	30 – 10 AWG
-----------	-------------

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

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	Box

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (2.97% in 4887022) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 350759-4 02P UMNL HDR ASSY PC V2 NATL	 TE Part # 350582-4 02P UMNL PIN HDR ASSY V2 LF	 TE Part # 641964-3 02P UMNL PIN HDR ASSY POL LF	 TE Part # 350428-4 02P UMNL PIN HDR ASSY NATL AU
 TE Part # 350778-1 02P UMNL CAP HSG	 TE Part # 350787-3 02P UMNL PIN HDR ASSY 94VO LF	 TE Part # 641963-1 02P UMNL PIN HDR ASSY POL NATL	 TE Part # 641963-3 02P UMNL PIN HDR ASSY POL LF
 TE Part # 643412-3 02P UMNL HDR ASSY POL LF	 TE Part # 1-350942-0 02P UMNL HDR ASSY R/A 94VO	 TE Part # 1-641964-1 02P UMNL HDR ASSY POL BLK	 TE Part # 3-350942-0 02P UMNL HDR ASSY R/A 94VO LF
 TE Part # 350428-1 02P UMNL PIN HDR ASSY NATL	 TE Part # 641778-2 UMNL STR/REL ADAPTER *NO NIBS*	 TE Part # 643250-1 02P UMNL ASSY MOD HSG V0	 TE Part # 643411-1 02P UMNL HDR ASSY POL
 TE Part # 641777-1 UMNL STR/REL ADAPTER NATL	 TE Part # 643412-1 02P UMNL HDR ASSY POL 94VO	 TE Part # 770024-1 02P UMNLII IN-LINE CAP HSG KIT	 TE Part # 641778-1 UMNL STR/REL ADAPTER

Also in the Series | [Universal MATE-N-LOK](#)



Circular Power Connectors(2)



Connector Caps & Covers(34)



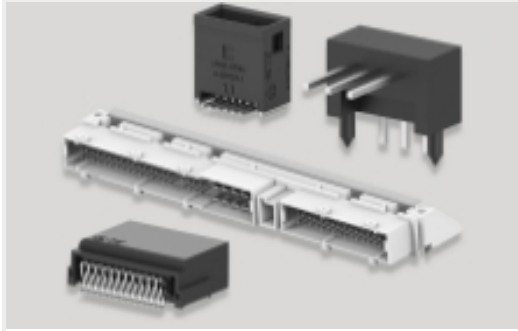
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



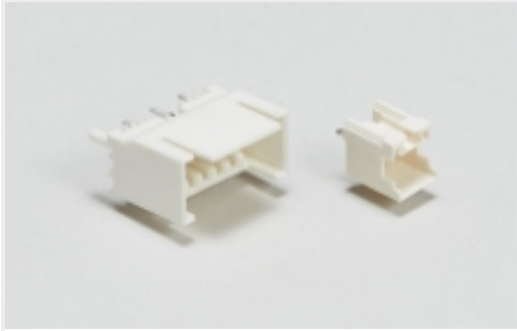
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(286)

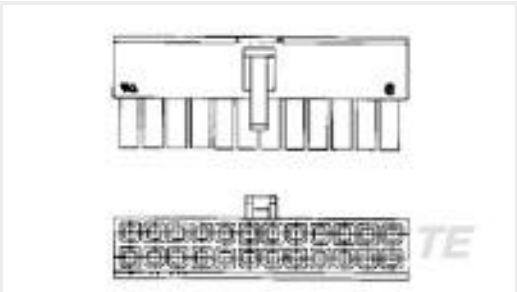


Rectangular Power Connectors(651)



Wire-to-Board Headers & Receptacles (286)

Customers Also Bought



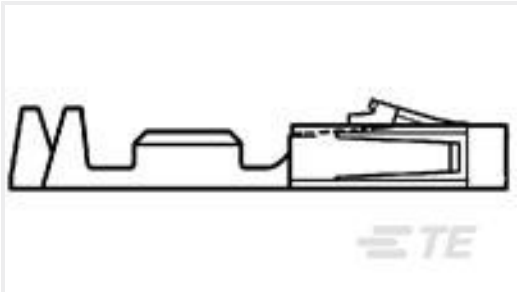
TE Part #1-794954-0
10P RCPT VAL-U-LOK V2



TE Part #1586860-1
06P UMNL CAP HSG, GW



TE Part #1-480702-9
04P UMNL PLUG HSG BLK



TE Part #104480-8
SHORT POINT RCP CONT LP



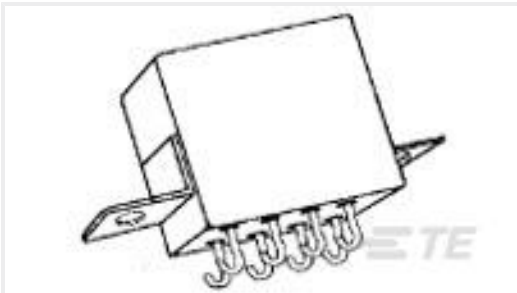
TE Part #770022-1
12P UMNLII IN-LNE PLUG HSG KIT



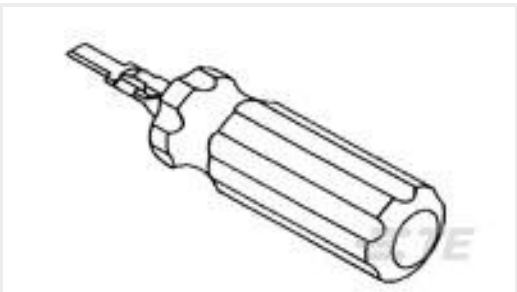
TE Part #927231-3
HONHUS UMNL V0 9-P



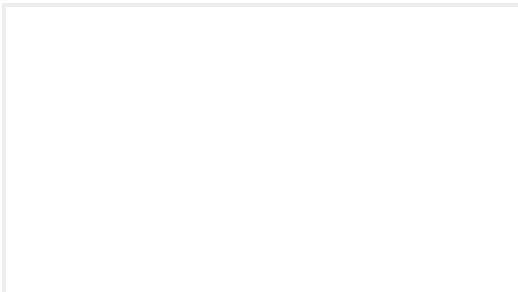
TE Part #770673-1
UMNL SOK 30-26 PTPBR L/P



TE Part #5-1617758-2
FCB-205-0226M=M83536/2-026M



TE Part #1586343-1
VAL-U-LOK EXTRACTION TOOL



TE Part #F82782-000
CI-013-75V

Documents



Product Drawings

02P UMNL PLUG TEST ASSY 94VO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350848-2_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350848-2_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350848-2_A2.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_350848-2_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_350848-2_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_350848-2_A1.2d_dxf.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

UL

English