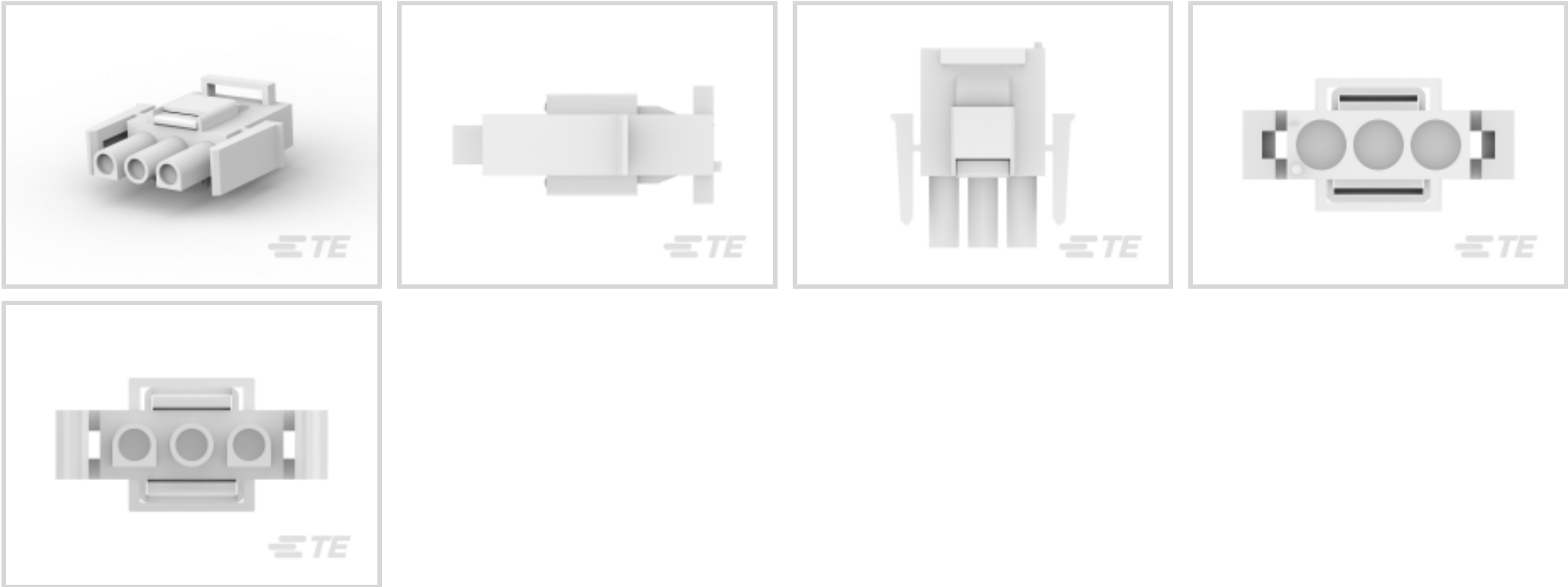




Connectors > Rectangular Connectors > Standard Rectangular Connectors



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 | 3 |
| Number of Rows      | 1 |

Electrical Characteristics

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

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | White |
|-----------------------|-------|

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 |
|------------------------------------|-------|

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

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

Dimensions

|                  |          |
|------------------|----------|
| Connector Width  | 20.32 mm |
| Connector Length | 22.99 mm |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 120 °C[-67 – 248 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

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            |
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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 # 194210-1  
PIN,MNL,#10, LUBRICATED



TE Part # 193841-1  
PIN, 2MM, 12-14 AWG



TE Part # 350790-1  
03P UMNL PIN HDR ASSY 94VO



TE Part # 1-641966-1  
03P UMNL PIN HDR ASSY BLK



TE Part # 1-770254-0  
UMNL II GROUND PIN LP DUPL BR



TE Part # 194211-1  
SKT,MNL,#10, LUBRICATED



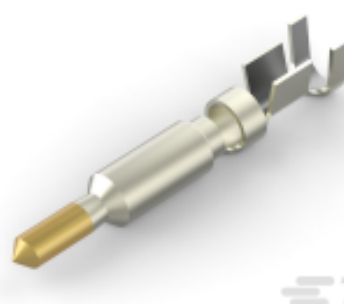
TE Part # 1-770246-0  
UMNL II PIN AUNIPHBZ LP 12-10



TE Part # 1-770004-0  
UMNL II SOK SN/AUNI/PHBZ



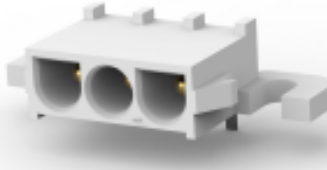
TE Part # 1-770193-0  
UMNLII GRND PIN DUPL AU/BR



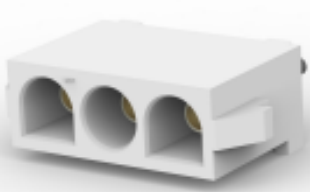
TE Part # 1-770007-0  
UMNL II PIN AUSN/NI/BR



TE Part # 350789-3  
03P UMNL PIN HDR ASSY 94VO



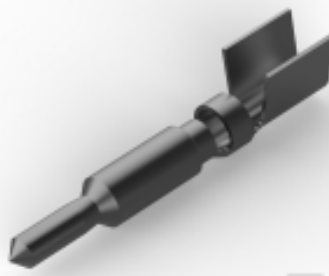
TE Part # 3-350943-0  
03P UMNL HDR ASSY R/A 94VO LF



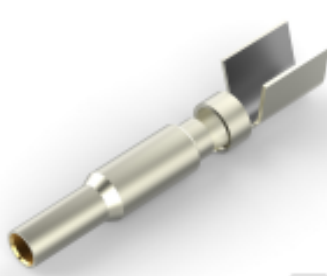
TE Part # 350832-4  
03P UMNL HDR ASSY PC 94VO LF



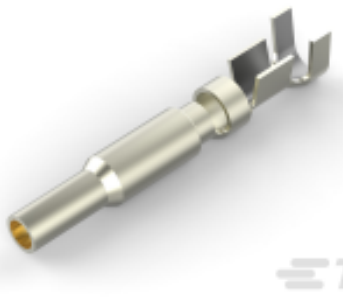
TE Part # 350849-3  
03P UMNL CAP TEST ASSY V0



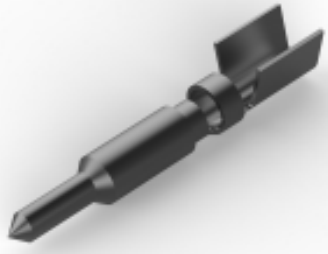
TE Part # 770246-3  
UMNL II PIN PTPPHBZ LP 12-10



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



TE Part # 770251-4  
UMNL II SOK SN/AUNI/PHBZ LP



TE Part # 770003-3  
UMNL II PIN PTPPHBZ



TE Part # 770047-1  
03P UMNL II CAP-FRONT 94VO



TE Part # 643414-1  
03P UMNL HDR ASSY POL 94VO

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(206)



Connector Hardware(12)



Power Contacts(206)

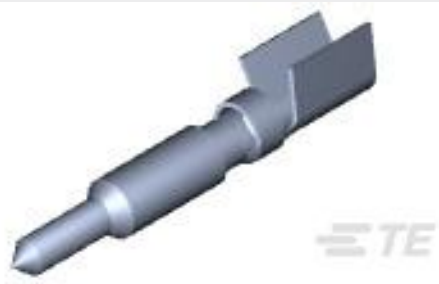


Rectangular Power Connectors(643)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #770003-3  
UMNLI II PIN PTPPHBZ



TE Part #1-770004-0  
UMNLI II SOK SN/AUNI/PHBZ



TE Part #770016-1  
05P UMNLI II IN-LNE PLUG HSG KIT



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



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



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



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



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



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



TE Part #770056-1  
12P UMNLI II CAP REAR 94VO

Documents

Product Drawings

03P UMNLI II IN-LNE PLUG HSG KIT

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_770018-1\_F.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_770018-1\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_770018-1\_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