



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

Body Features

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

Contact Features

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



|                                  |         |
|----------------------------------|---------|
| Multiple Contact Types           | Without |
| Contact Type                     | Socket  |
| Contact Retention Within Housing | Without |

Termination Features

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

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Panel Mount Feature     | Without                    |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | Nylon 66        |
| Centerline (Pitch) | 4.2 mm[.165 in] |

Dimensions

|                    |                 |
|--------------------|-----------------|
| Row-to-Row Spacing | 4.2 mm[.165 in] |
|--------------------|-----------------|

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -20 – 105 °C[-4 – 221 °F] |
|-----------------------------|---------------------------|

Operation/Application

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

Industry Standards

|                                             |                               |
|---------------------------------------------|-------------------------------|
| Compatible With Agency/Standards Products   | CSA, UL                       |
| 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 | 500 |
| Packaging Method   | Bag |

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 |

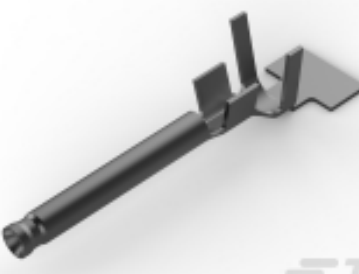


|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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

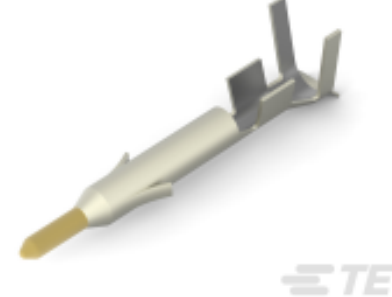
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

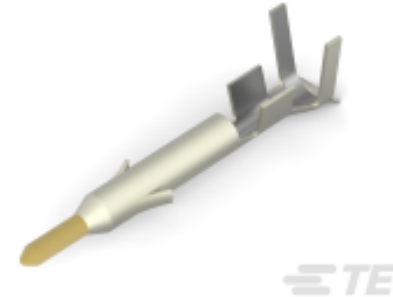
|                                                                                                                                        |                                                                                                                                           |                                                                                                                                               |                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 170362-1<br>UNIV M-N-L SOC. 22-18 AWG | <br>TE Part # 770988-1<br>MINI UMNL SOK 22-18AWG SN LP | <br>TE Part # 171637-1<br>MINI U-M-N-L SOCKET CONTACT    | <br>TE Part # 170366-1<br>MINI UNIVERSAL M-N-L SOCKET LP |
| <br>TE Part # 170360-1<br>UNIV M-N-L PIN 22-18 AWG  | <br>TE Part # 170360-4<br>MINI UNIVERSAL M-N-L PIN     | <br>TE Part # 170365-4<br>MINI UNIVERSAL M-N-L SOCKET LP | <br>TE Part # 1-770178-0<br>06P MINI-UMNL ASSY VO SNNI*  |



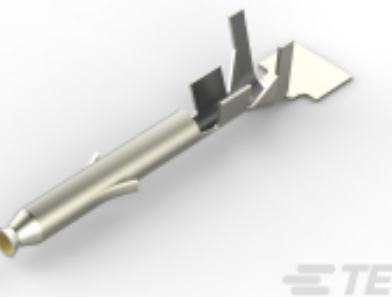
TE Part # 1-770986-0  
MINI UMNL SOK 26-22AWG AU LP



TE Part # 1-770987-0  
MINI UMNL PIN 22-18 AWG AU LP



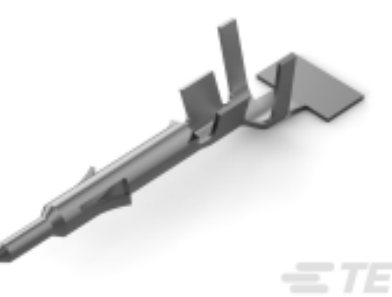
TE Part # 1-770903-0  
MINI UMNL PIN 22-18 AWG AU



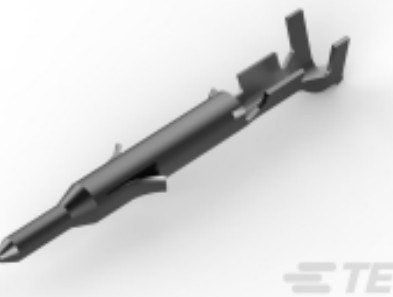
TE Part # 1-770904-0  
MINI UMNL SOK 22-18 AWG AU



TE Part # 1-770969-0  
06P MINI UMNL R/A HDR ASSY SN



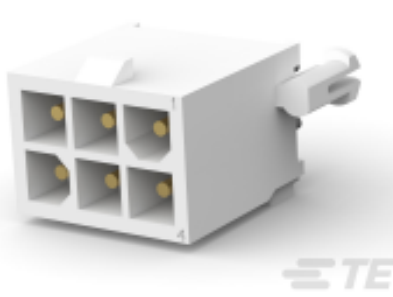
TE Part # 171636-1  
MINI U-M-N-L PIN CONTACT



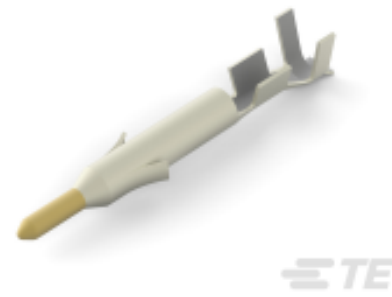
TE Part # 170359-1  
UNIV M-N-L PIN 26-22 AWG



TE Part # 170365-1  
MINI UNIVERSAL M-N-L SOCKET LP



TE Part # 1-770178-1  
06P MINI UMNL ASSY VO SNAU LF



TE Part # 1-770901-0  
MINI UMNL PIN 26-22 AWG AU LF



TE Part # 1-794058-0  
MINI UMNL SOK L/P LF



TE Part # 770902-3  
MINI UMNL SOK 26-22 AWG AU

Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(89)



Connector Hardware(4)



Connector Seals & Cavity Plugs(17)



Connector Strain Relief(2)



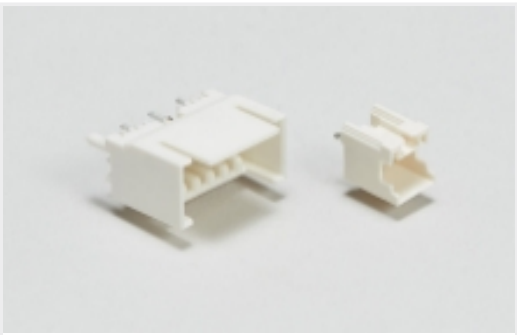
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)



Rectangular Power Connectors(196)



Wire-to-Board Headers & Receptacles  
(93)

Customers Also Bought



TE Part #172170-1  
12 CIR UNIV M-N-L PLUG



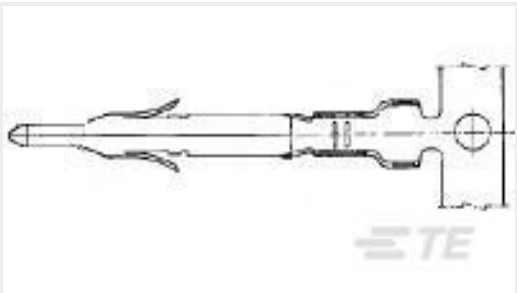
TE Part #172161-1  
9 CIR UNIV M-N-L CAP



TE Part #170364-1  
MINI UNIVERSAL M-N-L PIN LP



TE Part #172169-1  
9 CIR UNIV M-N-L PLUG



TE Part #170363-1  
MINI UNIVERSAL M-N-L PIN LP



TE Part #2359615-2  
LUMAWISE ENDURANCE N+ Lt Gray  
Short Dome



TE Part #172157-1  
2CIR MINI U-M-N-L CAP NATL



TE Part #172166-1  
3 CIR UNIV M-N-L PLUG



TE Part #2488965-3  
RJ45 MGNT 1X1 100B-T W/O LED  
PLTNG T 15



TE Part #172165-1  
2 CIR UNIV M-N-L PLUG NATL

Documents

Product Drawings  
6 CIR UNIV M-N-L PLUG

English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_172168-1\_M.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_172168-1\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_172168-1\\_M.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

Product Specifications

[Engineering Report](#)

English

Instruction Sheets

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

English

Agency Approvals

[Agency Approval Document](#)

English