# 1-172338-2 ✔ ACTIVE

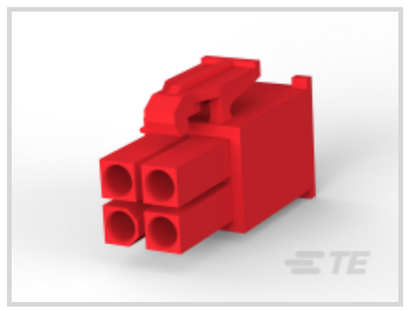
MATE-N-LOK | Mini-Universal MATE-N-LOK

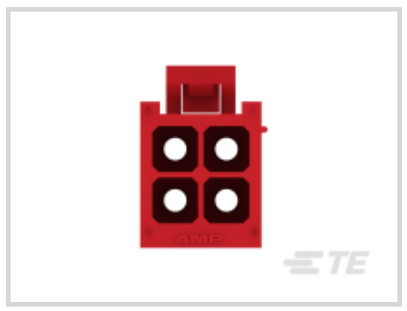
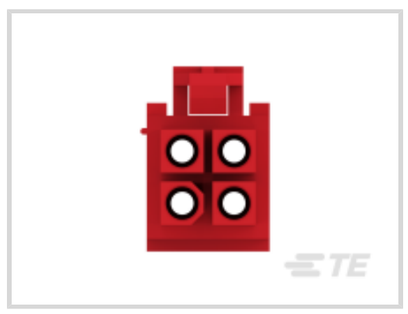
TE Internal #: 1-172338-2

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 4 Position, 4.14 mm [.163 in] Centerline, Wire & Cable, UL 94V-2, Mini-Universal MATE-N-LOK

View on TE.com >

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: **4**

Centerline (Pitch): **4.14 mm [ .163 in ]**

## Features

### Product Type Features

| | |
|---|---|
| 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 | 4 |
| Number of Power Positions | 4 |
| Number of Signal Positions | 0 |
| Number of Rows | 2 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 600 VDC |

### Contact Features

| | |
|---|---|
| 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) | 4.14 mm[.163 in] |
| Housing Color | Red |
| Housing Material | Nylon 6/6 |

### Dimensions

| | |
|---|---|
| Row-to-Row Spacing | 4.14 mm[.163 in] |

### Usage Conditions

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

### Operation/Application

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

### Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-2 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 500 |
| Packaging Method | Bag |

## Product Compliance

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

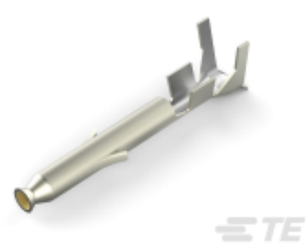
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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

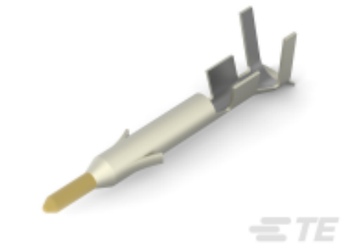
## Compatible Parts



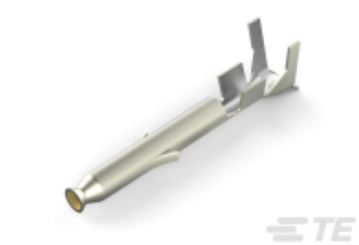
TE Part # 1-770988-1
MINI UMNL SOK 22-18AWG LP LF



TE Part # 1-770985-0
MINI UMNL PIN 26-22AWG AU LP



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



TE Part # 770988-3
MINI UMNL SOK 22-18AWG AU LP



TE Part # 1-770988-0
MINI UMNL SOK 22-18AWG AU



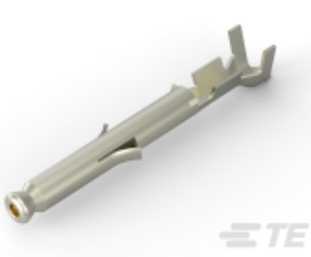
TE Part # 1-794059-0
MINI UMNL PIN L/P LF



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



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



TE Part # 170365-3
MINI UNIVERSAL M-N-L SOCKET LP



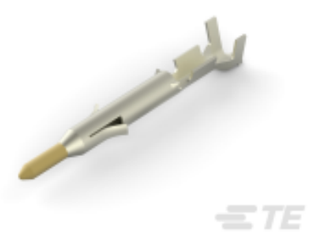
TE Part # 170364-3
MINI UNIVERSAL M-N-L PIN LP



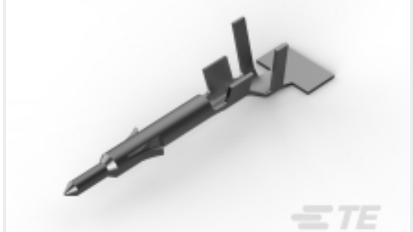
TE Part # 770985-1
MINI UMNL PIN 26-22AWG SN LP



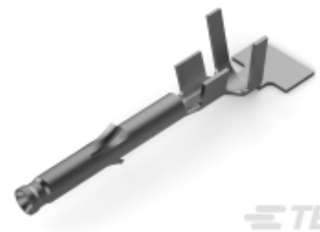
TE Part # 1-794407-1
MINI UMNL SOK 20-16 AWG AU LF



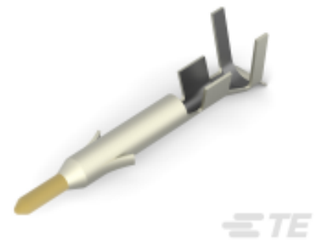
TE Part # 170363-3
MINI UNIVERSAL M-N-L PIN LP



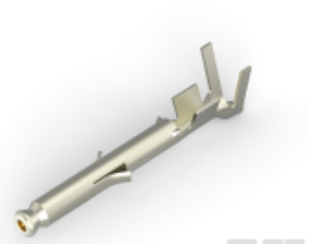
TE Part # 171638-1
MINI U-M-N-L PIN CONT. L.P



TE Part # 171639-1
MINI U-M-N-L SOCKET L.P



TE Part # 770903-3
MINI UMNL PIN 22-18 AWG AU



TE Part # 170366-3
MINI UNIVERSAL M-N-L SOCKET LP



TE Part # 794059-1
MINI UMNL PIN L/P



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



TE Part # 1-770902-1
MINI UMNL SOK 26-22 AWG AU LF

## 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)



Rectangular Power Connectors(197)

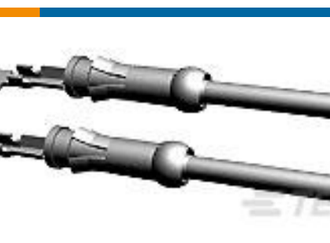
## Customers Also Bought



TE Part # 352171-1
Z-PACK/B F-HDR. 95P



TE Part # 206838-3
CPC RECPT SEALED SIZE 23-24



TE Part # 66564-8
III+ PIN,24-20,30AU/FL,STRIP



TE Part # 745253-3
20 DF SOCKET PLTD



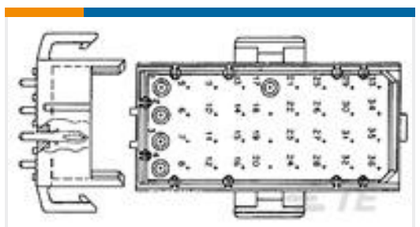
TE Part # 1658544-3
CONT,PIN,PLATED,20DF,STRIP,#22



TE Part # 643407-1
06P UMNL PIN HDR ASSY POL NATL



TE Part # 1-770974-0
16P MINI UMNL R/A HDR ASSY SN



TE Part # 640498-1
03P MR HDR ASSY V0



TE Part # 350851-7
UMNL SOK 24-18 AUNIBR

## Documents

### Product Drawings

4CIR MINI-UMNL PLUG RED

English

### CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-172338-2_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-172338-2_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_1-172338-2_A1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-172338-2_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-172338-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-172338-2_H.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

## Product Specifications

### Application Specification

English

## Instruction Sheets

### Instruction Sheet (U.S.)

English

### Instruction Sheet (U.S.)

English

## Agency Approvals

### Agency Approval Document

English