



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: **9**

Centerline (Pitch): **4.2 mm [.165 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        | 9 |
| Number of Power Positions  | 0 |
| Number of Signal Positions | 0 |
| Number of Rows             | 3 |

Electrical Characteristics

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

Contact Features

|                        |         |
|------------------------|---------|
| Multiple Contact Types | Without |
|------------------------|---------|



|                                  |         |
|----------------------------------|---------|
| Contact Layout                   | Matrix  |
| Contact Retention Within Housing | Without |
| Contact Type                     | Socket  |

Termination Features

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

Mechanical Attachment

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

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 4.2 mm[.165 in] |
| Housing Color      | Natural         |
| Housing Material   | Nylon 6/6       |

Dimensions

|                    |                 |
|--------------------|-----------------|
| Row-to-Row Spacing | 4.2 mm[.163 in] |
|--------------------|-----------------|

Usage Conditions

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

Operation/Application

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

Industry Standards

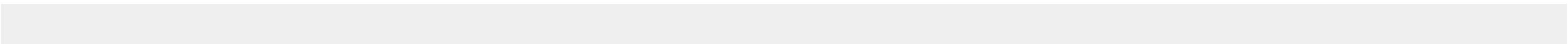
|                                             |                               |
|---------------------------------------------|-------------------------------|
| CSA Rating                                  | Certified, LR 7189            |
| UL Rating                                   | Recognized                    |
| Compatible With Agency/Standards Products   | CSA, UL                       |
| Compatible With Approved Standards Products | UL E28476                     |
| 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

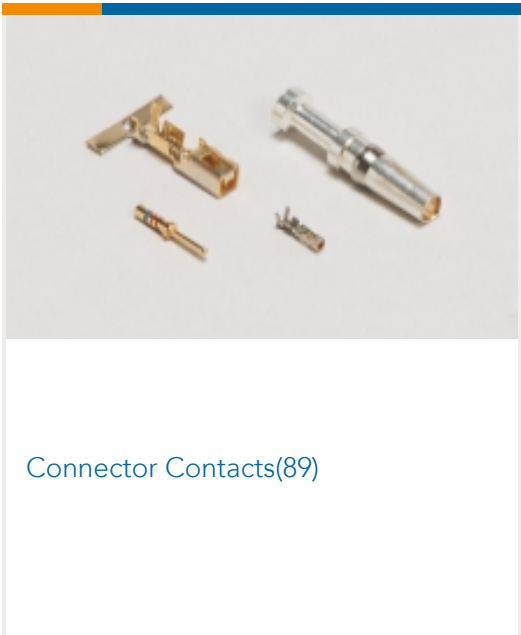
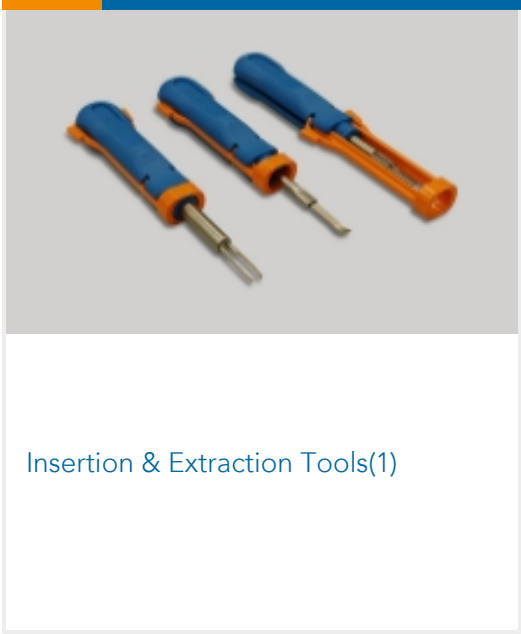
TE Part # 794058-1  
MINI UMNL SOK L/P





|                                                                                                                                                  |                                                                                                                                              |                                                                                                                                                              |                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 170365-3<br/>MINI UNIVERSAL M-N-L SOCKET LP</p>   |  <p>TE Part # 170364-3<br/>MINI UNIVERSAL M-N-L PIN LP</p> |  <p>TE Part # 770985-1<br/>MINI UMNL PIN 26-22AWG SN LP</p>               |  <p>TE Part # 1-794407-1<br/>MINI UMNL SOK 20-16 AWG AU LF</p> |
|  <p>TE Part # 170363-3<br/>MINI UNIVERSAL M-N-L PIN LP</p>     |  <p>TE Part # 171638-1<br/>MINI U-M-N-L PIN CONT. L.P</p> |  <p>TE Part # 171639-1<br/>MINI U-M-N-L SOCKET L.P</p>                   |  <p>TE Part # 770903-3<br/>MINI UMNL PIN 22-18 AWG AU</p>     |
|  <p>TE Part # 170366-3<br/>MINI UNIVERSAL M-N-L SOCKET LP</p> |  <p>TE Part # 794059-1<br/>MINI UMNL PIN L/P</p>         |  <p>TE Part # 172332-1<br/>MINI UNIVERSAL MATE-N-LOK CAP HOUSING 9P</p> |  <p>TE Part # 170364-1<br/>MINI UNIVERSAL M-N-L PIN LP</p>   |

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

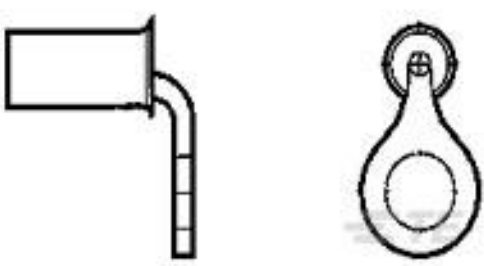
|                                                                                                                           |                                                                                                                                 |                                                                                                                                |                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Connector Caps &amp; Covers(2)</p> |  <p>Connector Contacts(89)</p>              |  <p>Connector Hardware(4)</p>             |  <p>Connector Seals &amp; Cavity Plugs(17)</p> |
|  <p>Connector Strain Relief(2)</p>     |  <p>Insertion &amp; Extraction Tools(1)</p> |  <p>Rectangular Power Connectors(197)</p> |                                                                                                                                     |

Customers Also Bought

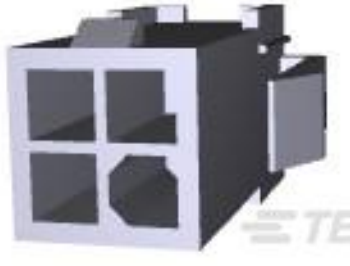




TE Part # 1-173977-2  
CT CONN MT REC ASSY 12P



TE Part # 54725-1  
TERMINAL R 90 DEG PG 8 1/4



TE Part # 172330-1  
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 4P



TE Part # 172338-1  
MINI UMNL PLUG HOUSING 4P



TE Part # 172339-1  
MINI UMNL PLUG HOUSING 6P



TE Part # 172343-1  
MINI UNIVERSAL M-N-L HOUSING



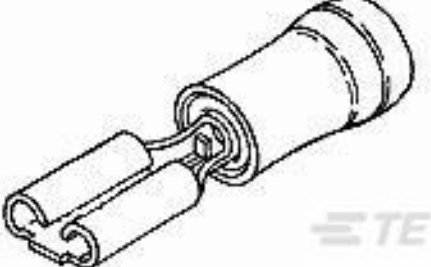
TE Part # 60770-1  
RING CRIMP 18-14 AWG BR



TE Part # 770098-1  
12P .093 COMM P&S RECPT



TE Part # 640249-3  
RING TONGUE .190 10-8 AWG NIBR



TE Part # 165565-6  
TERM,RECPT,PIDG,110 FAST, 22-16, PHBR,AU

Documents

Product Drawings

MINI UMNL PLUG HOUSING 9P

English

CAD Files

Customer View Model

ENG\_CVM\_172340-1\_A1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_172340-1\_A1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_172340-1\_A1.2d\_dxf.zip

English

3D PDF

English

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_172340-1\\_J.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_172340-1\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_172340-1\\_J.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\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

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

English

Agency Approvals

[Agency Approval Document](#)

English