



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: **2**

Centerline (Pitch): **4.14 mm [.162 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 | 2 |
| Number of Rows      | 1 |

Electrical Characteristics

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

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                                           |                               |
| Panel Mount Feature                                             | Without                       |
| Connector Mounting Type                                         | Cable Mount (Free-Hanging)    |
| Housing Features                                                |                               |
| Centerline (Pitch)                                              | 4.14 mm[.162 in]              |
| Housing Color                                                   | Natural                       |
| Housing Material                                                | Nylon 6/6                     |
| Dimensions                                                      |                               |
| Connector Height                                                | 5.6 mm                        |
| Product Width                                                   | 10.8 mm                       |
| Product Length                                                  | 23.7 mm                       |
| Usage Conditions                                                |                               |
| Operating Temperature Range                                     | -55 - 105 °C[-67 - 221 °F]    |
| Operation/Application                                           |                               |
| Circuit Application                                             | Power & Signal                |
| Industry Standards                                              |                               |
| Compatible With Agency/Standards Products                       | CSA                           |
| 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                                              | 1000                          |
| 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                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| 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 # 170362-1  
UNIV M-N-L SOC. 22-18 AWG



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



TE Part # 170361-1  
UNIV M-N-L SOC. 26-22 AWG



TE Part # 170360-1  
UNIV M-N-L PIN 22-18 AWG

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 # 5088450-5  
PULL LOOP, CUT LENGTH .88 IN



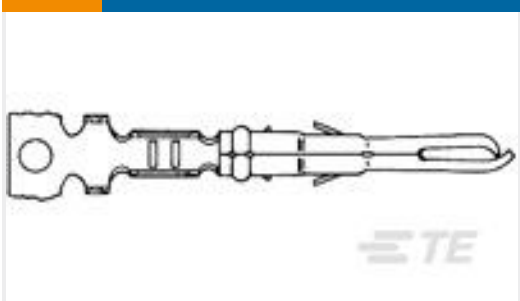
TE Part # 2199230-4  
M.2 0.5PITCH 4.2H KEY E 15U" AU



TE Part # 1586534-2  
04P CMNL HDR ASSY SHORT LF



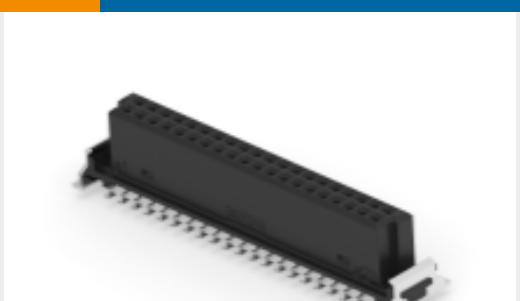
TE Part # 2-1445055-9  
MICRO MNL HDR ASSY S/ROW LF



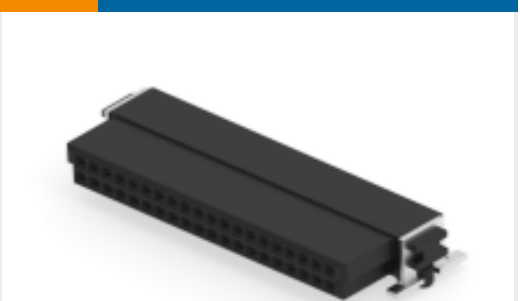
TE Part # 350036-1  
.058 DIA PIN L/P



TE Part # 2029102-3  
3P MICRO MNL RCPT SR SIDE WHT



TE Part # 204632-E  
SMCB 40 F AB VV 7-13 CL \* H007 137 E002



TE Part # 354081-E  
SMCQ 40 F AB VV 7-03 CL \* 0007 137 E002



TE Part # 166066-E  
IDCCS SMC 1,27 26 \* AU AUI 50 PVC

Documents

Product Drawings

MINI UMNL GWT 2P PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1903747-1\_C.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1903747-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1903747-1\\_C.3d\\_stp.zip](#)

English

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Product Specifications

Application Specification

English