



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): **6.35 mm [.25 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                                           |                                         |
| Connector Mounting Type                                         | Cable Mount (Free-Hanging)              |
| Housing Features                                                |                                         |
| Centerline (Pitch)                                              | 6.35 mm [.25 in]                        |
| Housing Color                                                   | Natural                                 |
| Housing Material                                                | Nylon GF                                |
| Dimensions                                                      |                                         |
|                                                                 | .55 in                                  |
| Usage Conditions                                                |                                         |
| Operating Temperature Range                                     | -55 - 120 °C [-67 - 248 °F]             |
| Operation/Application                                           |                                         |
| Circuit Application                                             | Power & Signal                          |
| Industry Standards                                              |                                         |
| CSA Rating                                                      | Certified, LR 7189                      |
| UL Rating                                                       | Recognized                              |
| Compatible With Agency/Standards Products                       | CSA, UL, VDE                            |
| Compatible With Approved Standards Products                     | UL E28476                               |
| 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: JAN 2024 (240)  
Candidate List Declared Against: JAN 2024 (240)  
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

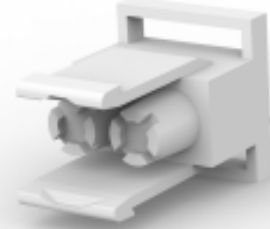
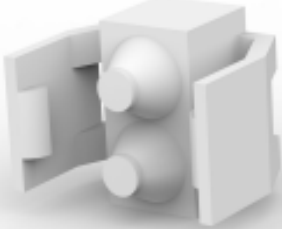
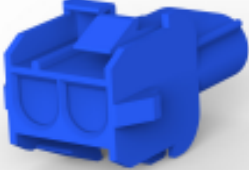
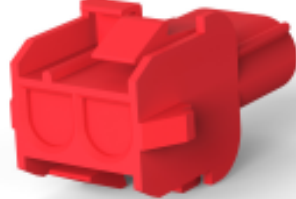
Solder Process Capability

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

|                                                                                                                                                 |                                                                                                                                            |                                                                                                                                                            |                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 770024-1<br/>02P UMNLI IN-LINE CAP HSG KIT</p> |  <p>TE Part # 794815-1<br/>02P UMNL CAP HSG,HI TEMP</p> |  <p>TE Part # 1703062-1<br/>CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK</p> |  <p>TE Part # 1586856-1<br/>02P UMNL CAP HSG, GW</p>                  |
|  <p>TE Part # 770032-1<br/>02P UMNLI II PLUG REAR 94V0</p>   |  <p>TE Part # 643250-1<br/>02P UMNL ASSY MOD HSG V0</p> |  <p>TE Part # 1703062-2<br/>CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK</p> |  <p>TE Part # 1703062-3<br/>CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK</p> |







TE Part # 2-480699-0  
02P UMNL CAP HSG NATL



TE Part # 2178649-1  
2P UMNL CAP HSG, GW



TE Part # 2178649-2  
2P UMNL CAP HSG, GW



TE Part # 2178649-3  
2P UMNL CAP HSG, GW



TE Part # 2178927-1  
02P UMNL CAP HSG

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(209)



Connector Hardware(12)



Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



Rectangular Connector Housings(1)



Rectangular Power Connectors(671)



Standard Circular Connectors(1)

Customers Also Bought





TE Part # 1-796407-1  
CPC PSTD RCPT,11-4,R/A LF



TE Part # 52043-7  
TERMINAL R PG 4 1/4



TE Part # 770010-3  
UMNL II SOK PTPPHBZ



TE Part # 1-770973-1  
14P MINI UMNL R/A HDR ASSY LF



TE Part # 4-794680-2  
12P MICRO MNL ASSY,VRT,THRU LF



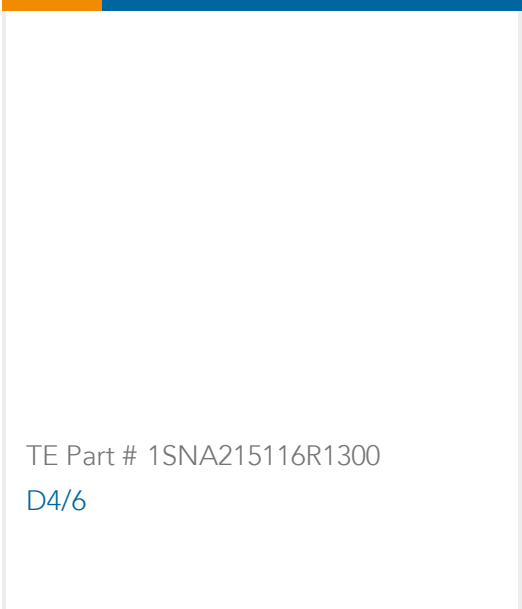
TE Part # 284414-8  
TERMI-BLOK 900 PCB 8 POS 3,5 m



TE Part # 2-2176330-3  
CRGP 2010 680R 1%



TE Part # 32835  
PIDG R 22-16 COMM 22-18 MIL 8



TE Part # 1SNA215116R1300  
D4/6

Documents

Product Drawings

02P UMNL II PLUG-FRONT 94VO

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_770031-1\_V.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_770031-1\_V.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_770031-1\_V.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