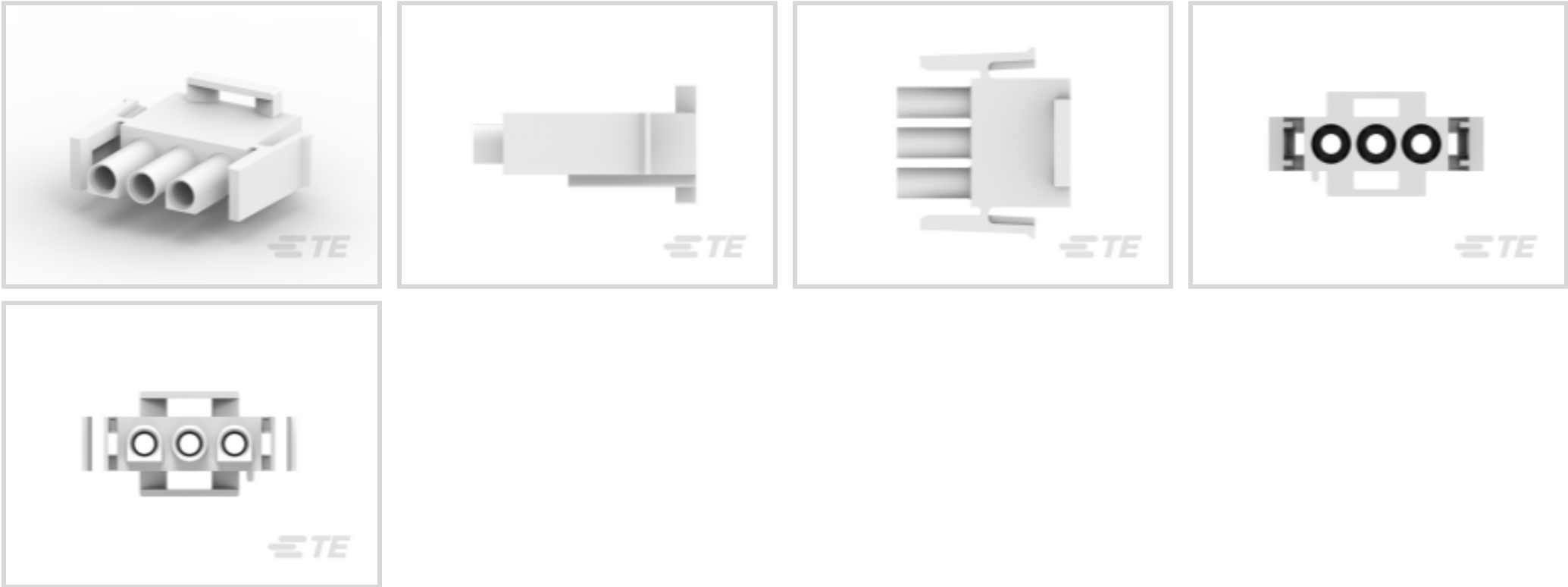




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **3**

Centerline (Pitch): **6.35 mm [ .25 in ]**

Features

Product Type Features

|                                   |                             |
|-----------------------------------|-----------------------------|
| Rectangular Power Connector Type  | Housing                     |
| Connector & Housing Type          | Plug                        |
| Connector System                  | Wire-to-Board, Wire-to-Wire |
| Sealable                          | No                          |
| Connector & Contact Terminates To | Wire & Cable                |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows      | 1 |

Electrical Characteristics

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

Contact Features

|                                  |         |
|----------------------------------|---------|
| Multiple Contact Types           | Without |
| Contact Layout                   | Inline  |
| Contact Retention Within Housing | Without |



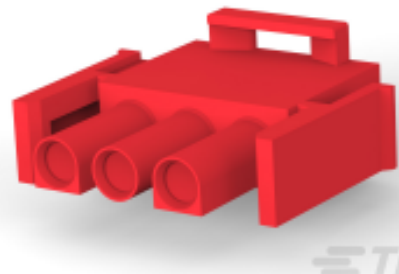
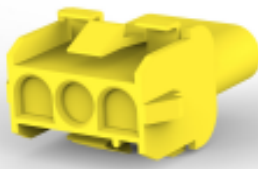
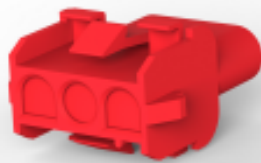
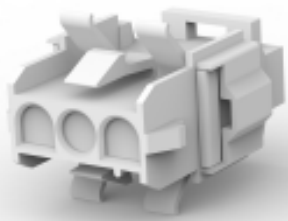
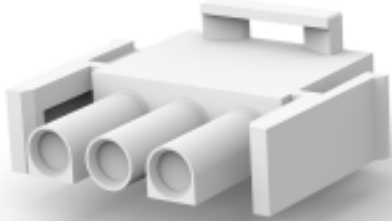
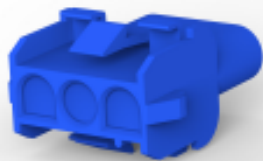
|                                                                 |                                                                                                                               |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Contact Type                                                    | Pin                                                                                                                           |
| 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                                                | PA 66                                                                                                                         |
| Usage Conditions                                                |                                                                                                                               |
| Operating Temperature Range                                     | -55 – 125 °C[-67 – 257 °F]                                                                                                    |
| Operation/Application                                           |                                                                                                                               |
| Circuit Application                                             | Power & Signal                                                                                                                |
| Industry Standards                                              |                                                                                                                               |
| UL Flammability Rating                                          | UL 94V-0                                                                                                                      |
| Glow Wire Rating                                                | GWT 750°C (Without Flame)                                                                                                     |
| Agency/Standard Number                                          | E28476                                                                                                                        |
| Packaging Features                                              |                                                                                                                               |
| 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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>Does not contain REACH SVHC |
| Halogen Content                                                 | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| Solder Process Capability                                       | Not reviewed 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

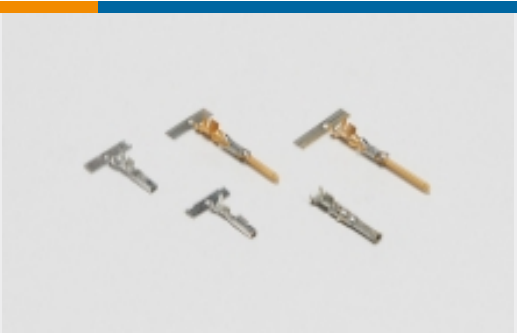
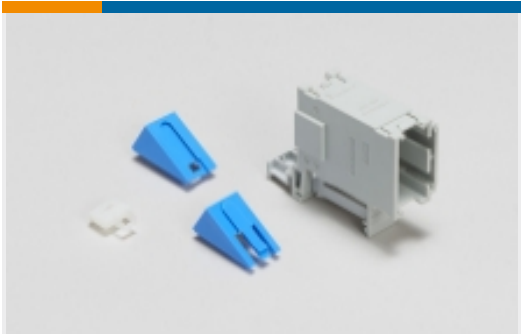
|                                                                                                                                              |                                                                                                                                            |                                                                                                                                                    |                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1-350766-2<br/>03P UMNL V0 PLUG HSG RED</p> |  <p>TE Part # 1-480701-4<br/>03P UMNL CAP HSG YELL</p>  |  <p>TE Part # 350779-4<br/>04P UMNL PLUG HSG UL94VO</p>       |  <p>TE Part # 1-350767-9<br/>03P UMNL V0 CAP HSG BLACK</p> |
|  <p>TE Part # 1-480701-2<br/>03P UMNL CAP HSG RED</p>     |  <p>TE Part # 2-480702-0<br/>04P UMNL PLUG HSG NATL</p> |  <p>TE Part # 770025-1<br/>03P UMNLII IN-LINE CAP HSG KIT</p> |  <p>TE Part # 350766-1<br/>03P UMNL PLUG HSG</p>           |
|  <p>TE Part # 794900-1<br/>03P UMNL HI TEMP CAP HSG</p>   |  <p>TE Part # 2178474-2<br/>3POS UMNL CAP HSG V0 GW</p> |  <p>TE Part # 1-480701-9<br/>03P UMNL CAP HSG BLK</p>         |  <p>TE Part # 1-480701-6<br/>03P UMNL CAP HSG BLU</p>      |





|                                                                                                                                            |                                                                                                                                           |                                                                                                                                              |                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2-480701-0<br/>03P UMNL CAP HSG NATL</p>    |  <p>TE Part # 1-480701-8<br/>03P UMNL CAP HSG GRY</p>   |  <p>TE Part # 350767-1<br/>03P UMNL CAP HSG V0</p>        |  <p>TE Part # 350779-1<br/>04P UMNL PLUG HSG</p>                          |
|  <p>TE Part # 770048-1<br/>03P UMNL II CAP REAR 94VO</p> |  <p>TE Part # 1-480701-0<br/>03P UMNL CAP HSG NATL</p> |  <p>TE Part # 2178473-2<br/>3POS UMNL PLUG HSG V0 GW</p> |  <p>TE Part # 1-1703061-2<br/>PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK</p> |

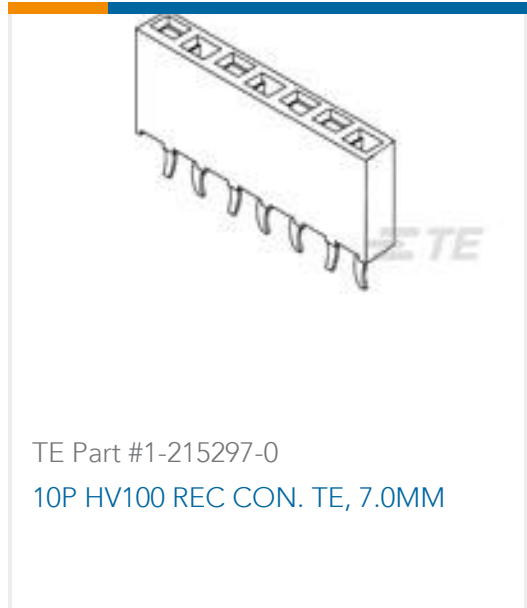
Also in the Series | Universal MATE-N-LOK

|                                                                                                                                      |                                                                                                                               |                                                                                                                                  |                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Circular Power Connectors(2)</p>              |  <p>Connector Contacts(11)</p>            |  <p>Insertion &amp; Extraction Tools(4)</p> |  <p>Power Contacts(207)</p>                   |
|  <p>Rectangular Boots &amp; Strain Relief(35)</p> |  <p>Rectangular Connector Adapters(7)</p> |  <p>Rectangular Connector Housings(2)</p>   |  <p>Rectangular Connector Keying Plugs(3)</p> |
|  <p>Rectangular Connector Locking(4)</p>          |  <p>Rectangular Connector Seals(26)</p>   |  <p>Rectangular Power Connectors(725)</p>   |                                                                                                                                    |

Customers Also Bought





|                                                                                                                                                        |                                                                                                                                                         |                                                                                                                                                         |                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #1-1393219-7<br/>PE514005</p>                             |  <p>TE Part #150699-2<br/>187 FASTON, FLAG, REC., 20-16 AWG, TPBR</p> |  <p>TE Part #1703104-1<br/>5 POS MT - EDGE HOUSING</p>               |  <p>TE Part #1-215297-0<br/>10P HV100 REC CON. TE, 7.0MM</p> |
|  <p>TE Part #1-1718628-1<br/>AMP MCP, SEALED CONNECTOR HOUSING</p>   |  <p>TE Part #963213-1<br/>DICHUNG F 962352</p>                       |  <p>TE Part #1-2232890-9<br/>9P MONOPLUG 2.5 SELECTIVELY LOADED</p> |  <p>TE Part #1-2232892-7<br/>7P MONOPLUG 2.5</p>            |
|  <p>TE Part #1-2232890-7<br/>7P MONOPLUG 2.5 SELECTIVELY LOADED</p> |  <p>TE Part #1633342-7<br/>ANVIL, WIRE</p>                          |                                                                                                                                                         |                                                                                                                                                 |

Documents

Product Drawings  
3POS UMNL PLUG HSG GW  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2178473-3\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2178473-3\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2178473-3\_A.3d\_stp.zip  
English

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

Product Specifications



Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English