



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**  
Connector & Housing Type: **Plug**  
Termination Method to Wire & Cable: **Crimp**  
Connector System: **Wire-to-Wire**  
Contact Retention Within Housing: **Without**

Features

Product Type Features

|                                   |              |
|-----------------------------------|--------------|
| Connector Product Type            | Housing      |
| Connector & Housing Type          | Plug         |
| Connector System                  | Wire-to-Wire |
| Sealable                          | No           |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

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

Electrical Characteristics

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

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

|  |  |
|--|--|
|  |  |
|--|--|



|                                  |         |
|----------------------------------|---------|
| Multiple Contact Types           | Without |
| Contact Type                     | Socket  |
| Contact Retention Within Housing | Without |

Termination Features

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

Mechanical Attachment

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

Housing Features

|                  |      |
|------------------|------|
| Housing Material | PA 6 |
|------------------|------|

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, UL, VDE              |
| UL Rating                                   | Recognized                |
| Compatible With Approved Standards Products | UL E28476                 |
| CSA Rating                                  | Certified, LR 7189        |
| Glow Wire Rating                            | GWT 750°C (Without Flame) |
| UL Flammability Rating                      | UL 94V-2                  |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 4500 |
| 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 2025 (247) |



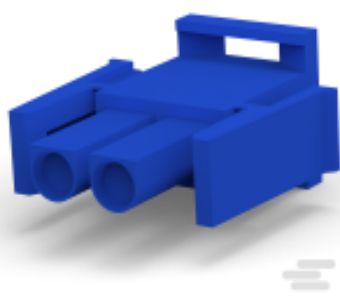
Candidate List Declared Against: JUNE 2024 (241)  
Does not contain REACH SVHC

|                           |                                                |
|---------------------------|------------------------------------------------|
| 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>

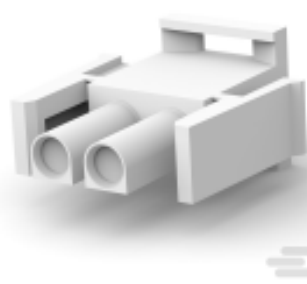
Compatible Parts



TE Part # 1703061-2  
PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



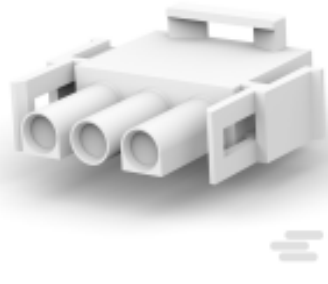
TE Part # 1-350867-0  
01P UMNL PLUG HSG NATL



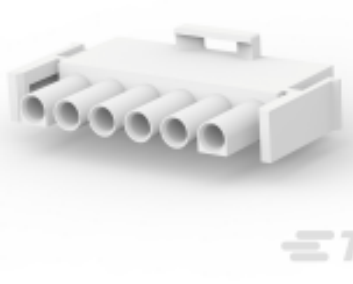
TE Part # 1703061-1  
PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



TE Part # 1-640406-0  
05P UMNL VALVE CONN HSG



TE Part # 1241809-2  
UMNL ST-SOCK,A-P 3P



TE Part # 640585-1  
06P UMNL PLUG HSG V2 NATL



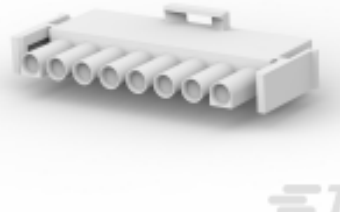
TE Part # 926471-3  
1P UNIV MNL ST GEH



TE Part # 770855-1  
03P FAN MOTOR CONN HSG



TE Part # 1863012-1  
01P UMNL CAP HSG



TE Part # 640586-1  
08P UMNL PLUG HSG V2 NATL



Also in the Series

Universal MATE-N-LOK

|                                   |                                 |                        |                     |
|-----------------------------------|---------------------------------|------------------------|---------------------|
|                                   |                                 |                        |                     |
| Circular Power Connectors(2)      | Connector Contacts(208)         | Connector Hardware(12) | Power Contacts(208) |
|                                   |                                 |                        |                     |
| Rectangular Power Connectors(651) | Standard Circular Connectors(1) |                        |                     |

Customers Also Bought

|                                                      |                                                        |                                                  |                                                   |
|------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------|---------------------------------------------------|
|                                                      |                                                        |                                                  |                                                   |
| TE Part #2-521229-2<br>PL 250 HOUSING RECEPTACLE RED | TE Part #2296206-8<br>8P FH PLUG VAL-U-LOK FH GWT/V0   | TE Part #1744416-9<br>9 POS EP II HSG, GLOW WIRE | TE Part #2-1241959-4<br>STD TIM HOUSING MKII 4POS |
|                                                      |                                                        |                                                  |                                                   |
| TE Part #2296206-4<br>4P FH PLUG VAL-U-LOK FH GWT/V0 | TE Part #1742354-1<br>PL 250 REC 16-18AWG PTBR         | TE Part #42400-1<br>250 FASTON REC 18-14 AWG BR  | TE Part #2296205-6<br>6P RCPT VAL-U-LOK GWT/V0    |
|                                                      |                                                        |                                                  |                                                   |
| TE Part #2296206-2<br>2P FH PLUG VAL-U-LOK FH GWT/V0 | TE Part #521306-1<br>110 FASTON HSG. REC 5MM2P NATURAL |                                                  |                                                   |



Documents

Product Drawings

01P UMNL PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1863011-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1863011-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1863011-1\_A.3d\_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English