



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Unplated**

Wire Contact Termination Area Plating Material: **Unplated**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

|                    |          |
|--------------------|----------|
| Discrete Wire Type | Stranded |
|--------------------|----------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 5000 |
| Packaging Method   | Reel |

Dimensions

|                                      |                            |
|--------------------------------------|----------------------------|
| Compatible Insulation Diameter Range | 3.3 mm[.13 in]             |
| Wire Size                            | .52 – 2.08 mm <sup>2</sup> |

Mechanical Attachment

|                                       |               |
|---------------------------------------|---------------|
| Wire Insulation Support               | Without       |
| Contact Retention Type Within Housing | Locking Lance |

Contact Features

|                     |                  |
|---------------------|------------------|
| Contact Orientation | Straight         |
| Mating Pin Diameter | 2.13 mm[.084 in] |



|                                                       |          |
|-------------------------------------------------------|----------|
| Wire Contact Termination Area Plating Material Finish | Matte    |
| Contact Shape & Form                                  | Round    |
| Barrel Type                                           | Open     |
| Contact Type                                          | Socket   |
| Contact Mating Area Plating Material                  | Unplated |
| Wire Contact Termination Area Plating Material        | Unplated |
| Contact Retention Within Housing                      | With     |
| Contact Base Material                                 | Brass    |
| Contact Current Rating (Max)                          | 15 A     |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

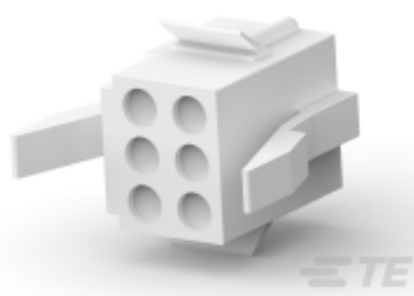
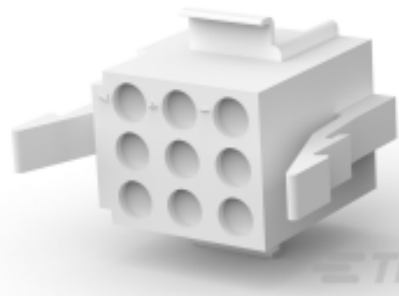
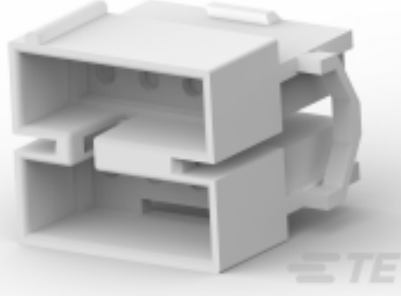
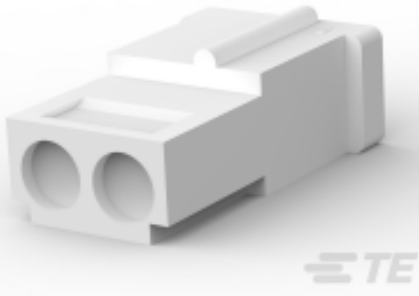
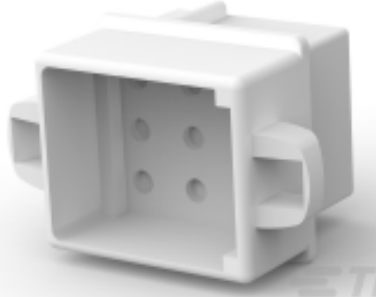
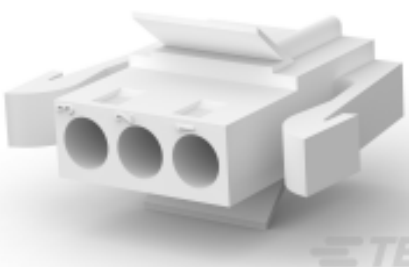
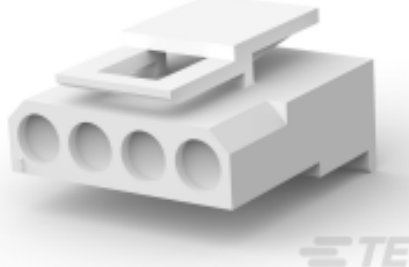
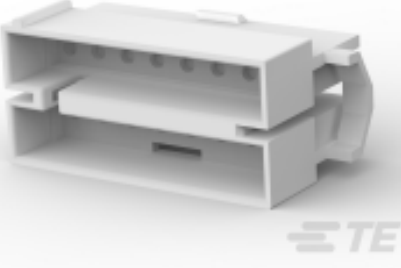
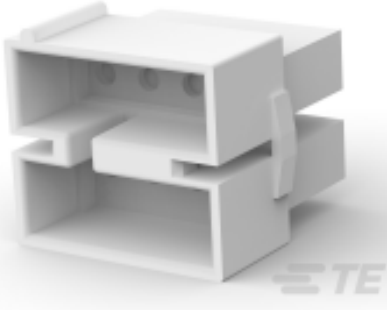
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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

|                                                                                                                                                       |                                                                                                                                                   |                                                                                                                                                    |                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2151500-1<br/>OCEAN_2.0_APPLICATOR-S-090F130F-RSM</p> |  <p>TE Part # 91504-1<br/>CCII CMNL MNL PIN SKT 20-14 ASSY</p> |  <p>TE Part # 455830-1<br/>INSERTION TOOL</p>                  |  <p>TE Part # 1-171196-0<br/>6 POS MATE-N-LOK S</p>          |
|  <p>TE Part # 1-480274-0<br/>09P CMNL PLUG HSG P/M NATL</p>        |  <p>TE Part # 1-480284-0<br/>08P CMNL CAP HSG M/M NATL</p>     |  <p>TE Part # 1-480438-0<br/>16P CMNL PLUG HSG M/M NATL</p>   |  <p>TE Part # 1-480683-0<br/>02P CMNL PLUG HSG F/H NATL</p> |
|  <p>TE Part # 1-480277-0<br/>09P CMNL CAP HSG P/M NATL</p>         |  <p>TE Part # 1-480304-0<br/>03P CMNL PLUG HSG P/M NATL</p>    |  <p>TE Part # 1-480722-0<br/>04P CMNL PLUG HSG W/LCK NATL</p> |  <p>TE Part # 1-480276-0<br/>06P CMNL CAP HSG P/M NATL</p>  |
|  <p>TE Part # 1-480285-0<br/>10P CMNL PLUG HSG M/M NATL</p>        |  <p>TE Part # 1-480439-0<br/>16P CMNL CAP HSG M/M NATL</p>     |  <p>TE Part # 1-480393-1<br/>02P CMNL PLUG HSG F/H BLK</p>    |  <p>TE Part # 1-480345-0<br/>08P CMNL CAP HSG F/H NATL</p>  |





TE Part # 1-480340-0  
06P CMNL CAP HSG F/H NATL

TE Part # 1-480278-0  
12P CMNL CAP HSG P/M NATL

TE Part # 1-480425-0  
04P CMNL PLUG HSG P/M NATL

TE Part # 1-480324-0  
15P CMNL CAP HSG P/M NATL

Also in the Series | Commercial MATE-N-LOK

Connector Caps & Covers(2)

Connector Contacts(150)

Connector Seals & Cavity Plugs(1)

Crimp Wire Pins, Tabs & Ferrules(2)

Insertion & Extraction Tools(3)

PCB Headers & Receptacles(56)

Rectangular Connector Housings(9)

Rectangular Power Connectors(115)

Standard Circular Connectors(2)

Standard Rectangular Connectors(2)

Customers Also Bought

TE Part #2213627-2  
LUMAWISE Endurance N Poke-In:  
Streetlight Dimming Receptacles

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

TE Part #2213480-1  
LUMAWISE Z50 HOLDER 2828  
GENERAL

TE Part #794535-1  
06P UMNL PLUG HSG 150C BLK  
GENERAL





TE Part #40725  
RING 190(4.82MM)TERMINAL 18-14  
AWG TPBR



TE Part #42617-2  
187 FASTON REC 20-16 AWG TPBR



TE Part #91533-1  
CCII LOCKING CLIP 26-22 ASSY



TE Part #1-480388-0  
03P CMNL PLUG HSG F/H BLK



TE Part #2388553-3  
PUSH-IN CONNECTOR, 3 POS

Documents

Product Drawings  
CMNL SOK 20-14 BR

English

CAD Files  
3D PDF

English

Customer View Model  
ENG\_CVM\_61117-2\_AC.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_61117-2\_AC.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_61117-2\_AC.3d\_stp.zip

English

3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_61117-2\_BJ.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_61117-2\_BJ.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_61117-2\_BJ.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