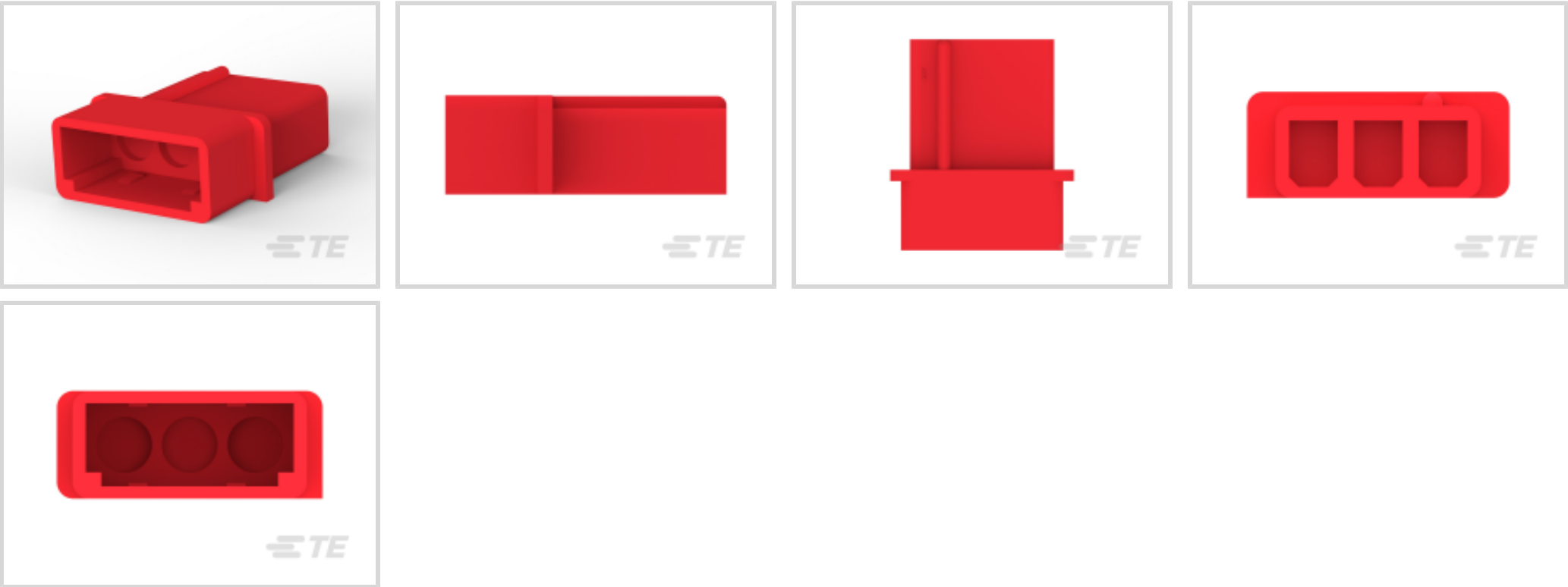




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**  
Connector & Housing Type: **Receptacle**  
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          | Receptacle   |
| Connector System                  | 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 | 250 VAC |
|-------------------|---------|

Body Features

|                       |     |
|-----------------------|-----|
| Primary Product Color | Red |
|-----------------------|-----|

Contact Features

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



|                                  |         |
|----------------------------------|---------|
| Contact Layout                   | Inline  |
| Contact Type                     | Pin     |
| 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   | Nylon          |
| Centerline (Pitch) | 5.08 mm[.2 in] |

Usage Conditions

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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Identification Marking

|                                |      |
|--------------------------------|------|
| Circuit Identification Feature | With |
|--------------------------------|------|

Industry Standards

|                                             |                               |
|---------------------------------------------|-------------------------------|
| Compatible With Agency/Standards Products   | CSA, UL                       |
| UL Rating                                   | Certified, Recognized         |
| Compatible With Approved Standards Products | UL E28476                     |
| CSA Rating                                  | LR 16455                      |
| Glow Wire Rating                            | Standard Part - Not Glow Wire |
| UL Flammability Rating                      | UL 94V-2                      |

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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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                                                                                  |

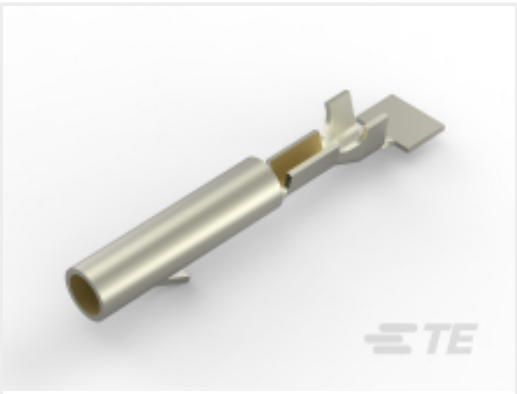
Product Compliance Disclaimer

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 # 163304-4<br/>SOCKET MATE-N-LOK</p>           |  <p>TE Part # 60619-1<br/>CMNL SOK PTPBR L/P</p>   |  <p>TE Part # 61314-4<br/>CMNL SOK 24-18 TPPHBZ</p>   |  <p>TE Part # 170121-4<br/>M-N-L SKT</p>    |
|  <p>TE Part # 1-480303-9<br/>03P CMNL PLUG HSG F/H BLK</p> |  <p>TE Part # 170121-1<br/>MATE-N-LOK SKT L.P.</p> |  <p>TE Part # 170148-2<br/>MNL SOCKET L.P. 170147</p> |  <p>TE Part # 163306-4<br/>SOCKET M-N-L</p> |





TE Part # 350078-5  
CMNL SOK 30-22 AUNIBR



TE Part # 60620-5  
CMNL PIN 20-14 AUBR L/P



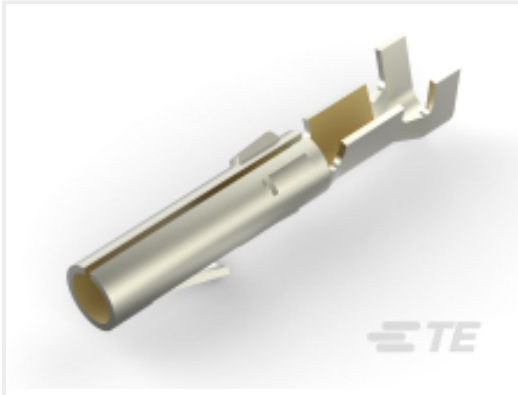
TE Part # 350558-1  
MNL PIN SPECIAL .0126 PTPBR



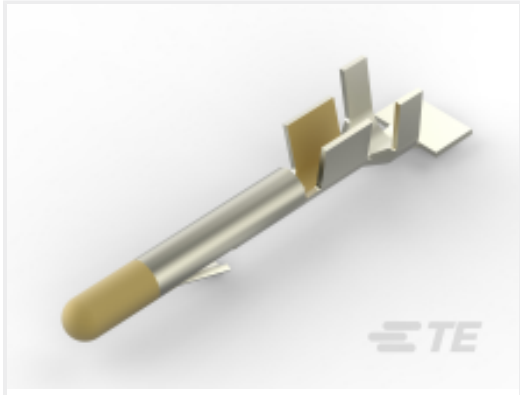
TE Part # 61118-4  
CMNL PIN 20-14 TPPHBZ



TE Part # 61314-7  
CMNL SOK 24-18 AUBR



TE Part # 60617-5  
CMNL SOK AUBR L/P



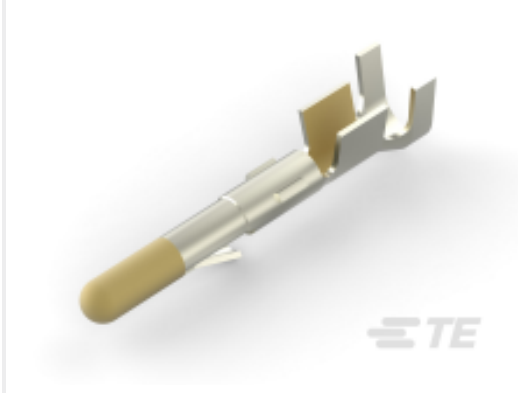
TE Part # 61118-5  
CMNL PIN 20-14 AUNIBR



TE Part # 61527-2  
CMNL GROUDING PIN 22-18 PTPBR



TE Part # 61174-1  
CMNL PIN L/P PTBR



TE Part # 60618-5  
CMNL PIN AUBR L/P



TE Part # 61117-1  
CMNL SOK 20-14 TPBR



TE Part # 61116-4  
CMNL PIN 24-18 PTPHBZ

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



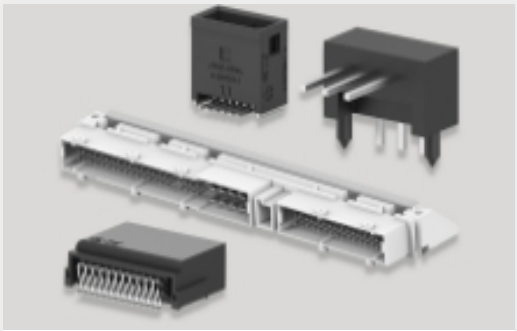
Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



Power Contacts(146)



Rectangular Power Connectors(182)



Standard Circular Connectors(2)



Wire-to-Board Headers & Receptacles  
(56)

Customers Also Bought



TE Part #5748676-4  
DIE CAST CBL CLMP KIT,SZ 4



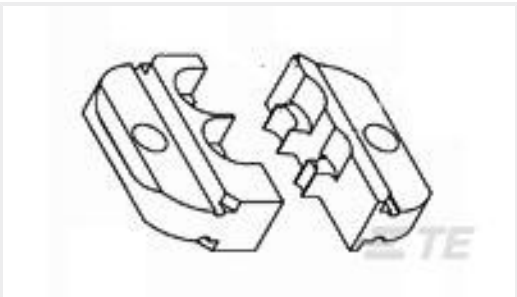
TE Part #58495-1  
PRO CRIMPER ASSY MULTIMATE



TE Part #1879452-6  
TE 750W 2R7 5% Bracket



TE Part #66506-9  
PIN CONTACT, 20 DF



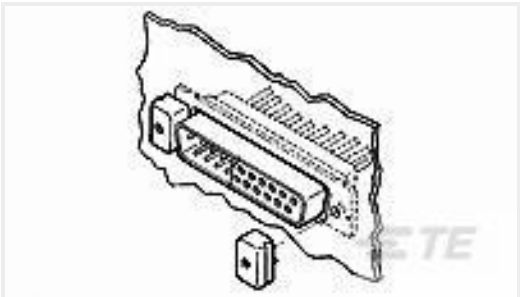
TE Part #91900-1  
PREMIUM SDE DIE,FIBER OPTIC



TE Part #1-1879355-2  
RR03 5% 12K AMMO



TE Part #1-102387-2  
64 MODIV HSG COMP DR .100 POL



TE Part #745403-8  
R.S.449 LATCHING BLOCK AMPL



TE Part #206305-1  
CPC PLUG ASSEMBLY SIZE 23-37



TE Part #66565-1  
III+ SKT,24-20,30AU>10,LP

Documents

Product Drawings

03P CMNL CAP HSG F/H RED

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1-480305-2\_R.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_1-480305-2\\_R.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-480305-2\\_R.3d\\_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-480305-2\\_BG.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-480305-2\\_BG.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-480305-2\\_BG.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[Agency Approval Document](#)

English