



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 | 4 |
| Number of Rows      | 2 |

Electrical Characteristics

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

Body Features

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

Contact Features

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



|                                  |         |
|----------------------------------|---------|
| 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 | Panel Mount |

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PA 6           |
| Centerline (Pitch) | 5.08 mm[.2 in] |

Dimensions

|                    |                |
|--------------------|----------------|
| Row-to-Row Spacing | 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 | Without |
|--------------------------------|---------|

Industry Standards

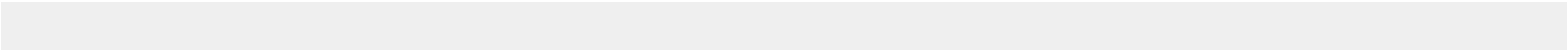
|                                             |                           |
|---------------------------------------------|---------------------------|
| Compatible With Agency/Standards Products   | CSA, UL                   |
| UL Rating                                   | Certified, Recognized     |
| Compatible With Approved Standards Products | UL E28476                 |
| CSA Rating                                  | LR 16455                  |
| Glow Wire Rating                            | GWT 750°C (Without Flame) |
| UL Flammability Rating                      | UL 94V-2                  |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 500 |
| Packaging Method   | Box |

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                               | 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



TE Part # 163305-4  
PIN MATE-N-LOK



TE Part # 163307-4  
MATE-N-LOK PIN



TE Part # 163301-8  
MATENLOK PIN



TE Part # 163303-8  
MATENLOK.PIN



TE Part # 163301-6  
MATENLOK PIN



TE Part # 163555-8  
MATE-N-LOK PIN 0,3-



TE Part # 350079-4  
CMNL PIN 30-22 PTPHBZ



TE Part # 350639-1  
MNL PIN PTPBR





TE Part # 350079-5  
CMNL PIN 30-22 AUBR



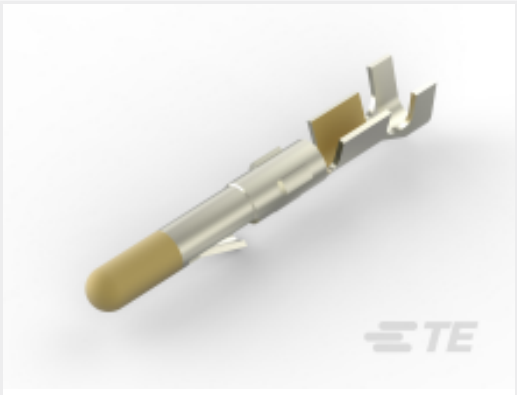
TE Part # 60620-4  
CMNL PIN 20-14 TPPHBZ L/P



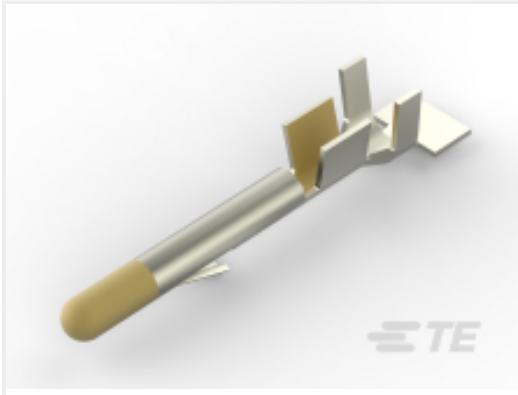
TE Part # 61116-2  
CMNL PIN 24-18 BR



TE Part # 61118-1  
MNL PIN 20-14 TPBR



TE Part # 61116-5  
CMNL PIN 24-18 AUNIBR



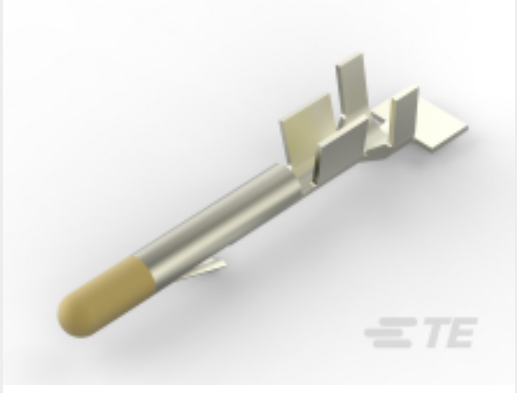
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CMNL PIN 20-14 AUNIPHBZ



TE Part # 61118-2  
CMNL PIN 20-14 BR



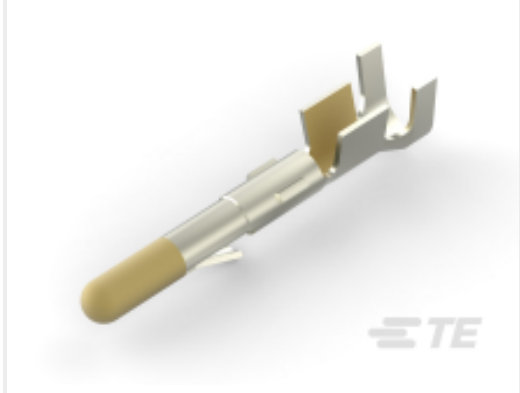
TE Part # 60618-6  
CMNL PIN AUPHBZ L/P



TE Part # 61118-7  
CMNL PIN 20-14 AUNIBR



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



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



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

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



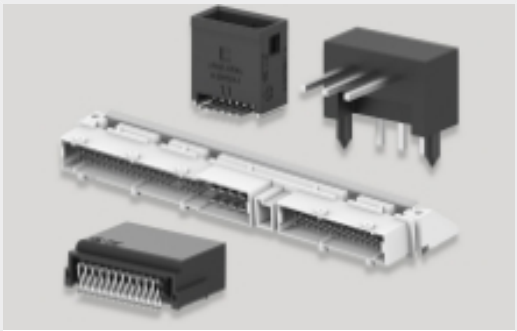
Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



Power Contacts(146)

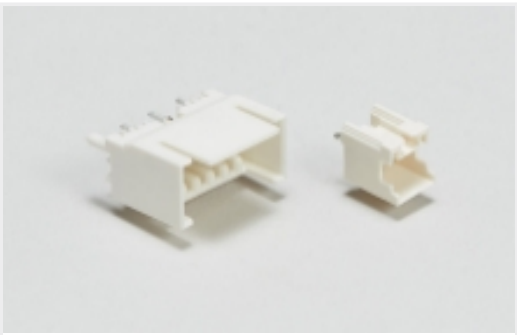


Rectangular Power Connectors(182)



Standard Circular Connectors(2)





Wire-to-Board Headers & Receptacles (56)

Customers Also Bought

TE Part #60618-4  
CMNL PIN PTPHBZL/P

TE Part #NB-PTCO-006  
Pt1000, 2.0x2.3, Class B, PTFC102B1G0

TE Part #170341-3  
FF 250 TAB 14-12AWG PTBR WITHOUT LATCH

TE Part #106455-3  
FF 110 PLUG HSG 8P.

TE Part #2-520184-2  
ULTRAFAST 250 ASSY REC 22-18 TPBR LP

TE Part #928930-5  
FF 110 TAB 0.5-1 MM2 .080 F PTP CUZN30

TE Part #61188-1  
250 FASTON FLAG REC 16-12 AWG TPBZ

TE Part #1718760-1  
MCON 1.2 LL TAB SWS SN

TE Part #1060-16-1222  
PIN, SF, SIZE 16, 12-16, NI/SN

TE Part #2-520128-2  
ULTRA-FAST 250 ASY REC 22-18 AWG TPBR

Documents

Product Drawings

4W CIRCULAR MATE-N-LOK PIN HSG NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_925075-6\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_925075-6\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_925075-6\\_A.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English