



Connectors > Rectangular Connectors > Standard Rectangular Connectors



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

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 6 |
| Number of Rows      | 2 |

Electrical Characteristics

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

Body Features

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

Contact Features

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



|                                  |         |
|----------------------------------|---------|
| Contact Retention Within Housing | Without |
|----------------------------------|---------|

|              |     |
|--------------|-----|
| Contact Type | Pin |
|--------------|-----|

Termination Features

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

Mechanical Attachment

|                     |         |
|---------------------|---------|
| Panel Mount Feature | Without |
|---------------------|---------|

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 5.1 mm[.202 in] |
|--------------------|-----------------|

|                  |       |
|------------------|-------|
| Housing Material | Nylon |
|------------------|-------|

Dimensions

|                    |                 |
|--------------------|-----------------|
| Row-to-Row Spacing | 6.09 mm[.24 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 |
|------------|----------|

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

|                  |                               |
|------------------|-------------------------------|
| Glow Wire Rating | Standard Part - Not Glow Wire |
|------------------|-------------------------------|

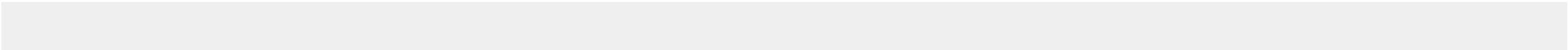
Packaging Features

|                    |   |
|--------------------|---|
| 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: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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

TE Part # 350079-1  
MNL PIN 30-22 PTPBR

TE Part # 350560-1  
UMNL SOK D/L 24-18 PTPBR

TE Part # 350557-1  
MNL SOK SPECIAL .0126PTPBR

TE Part # 350073-1  
CMNL PCB SOK PTPPHBZ

TE Part # 163300-8  
MATENLOK SOCKET

TE Part # 163304-2  
MATENLOK SOCKET SDW

TE Part # 170148-1  
MATE-N-LOK SOC LP

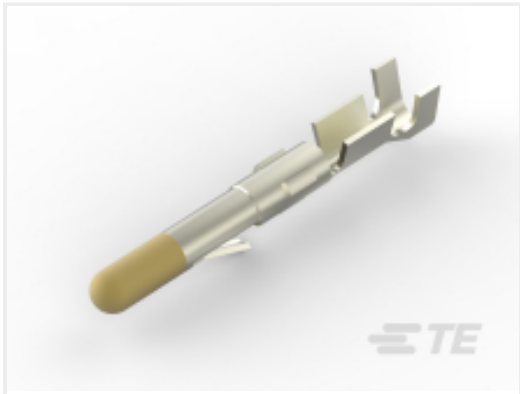
TE Part # 163558-3  
MATE-N-LOK PIN



TE Part # 163305-2  
MATE-N-LOK PIN SDW



TE Part # 60618-1  
CMNL PIN PTPBR L/P



TE Part # 61116-6  
CMNL PIN 24-18 AUNIPHBZ



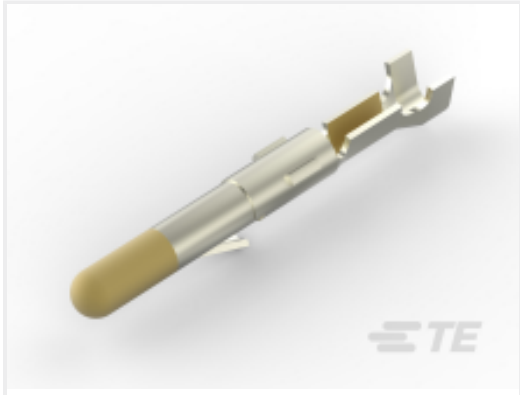
TE Part # 61117-4  
CMNL SOK 20-14 TPPHBZ



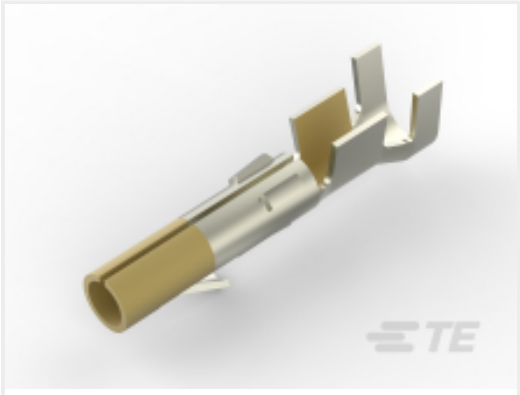
TE Part # 61117-7  
CMNL SOK 20-14 AUBR



TE Part # 61366-1  
AUTO MNL PIN PTPBR



TE Part # 61174-5  
CMNL PIN L/P AUNIBR



TE Part # 61117-6  
CMNL SOK 20-14 AUPHBZ



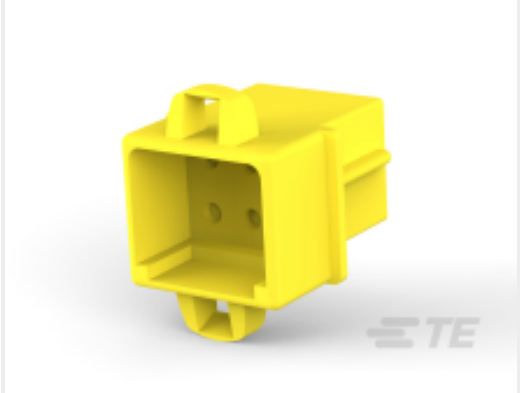
TE Part # 61320-1  
CMNL PCB SOK PTPHBZ



TE Part # 61116-1  
CMNL PIN 24-18 PTBR



TE Part # 350557-4  
MNL SOK SPECIAL .0125PTPHBZ

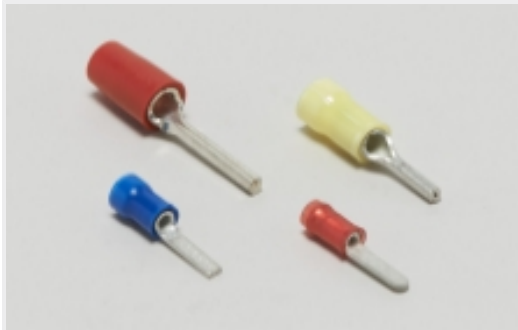


TE Part # 1-480276-4  
06P CMNL CAP HSG P/M YELL

Also in the Series | Commercial MATE-N-LOK



Connector Contacts(150)



Crimp Wire Pins, Tabs & Ferrules(2)



Power Contacts(146)



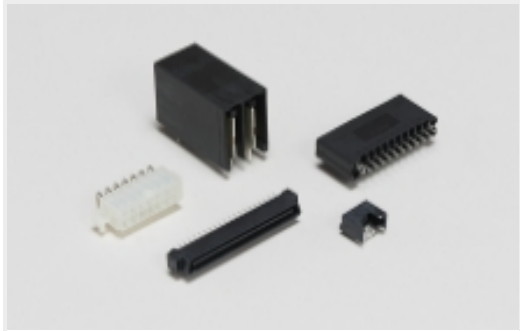
Rectangular Connector Housings(118)



Rectangular Power Connectors(181)

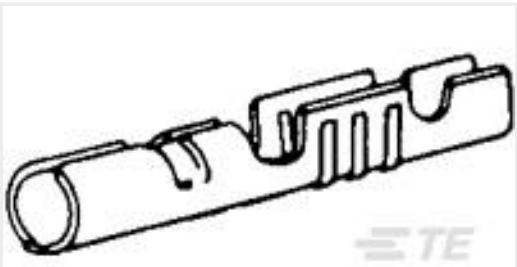


Standard Circular Connectors(2)



Standard Rectangular Connectors(126)

Customers Also Bought



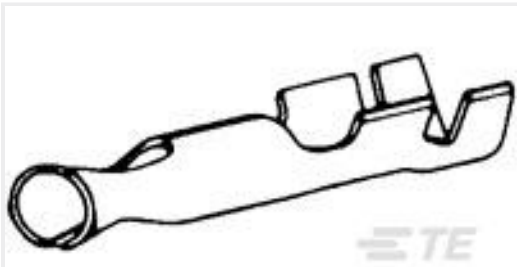
TE Part #42101-2  
PIN RECEPTACLE 18-16 AWG TPBR



TE Part #60195-2  
205 FASTON FLAG REC 20-14 AWG TPBR



TE Part #60620-1  
CMNL PIN 20-14 TPBR L/P



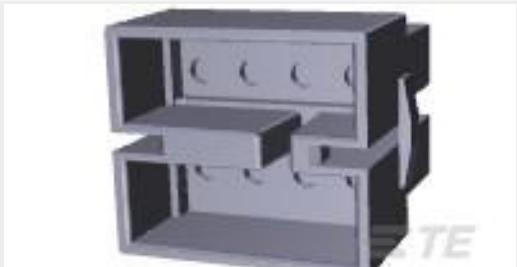
TE Part #60885-2  
PIN .055 REC 24-20 AWG TPPHBZ



TE Part #163558-2  
PIN M-N-L



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



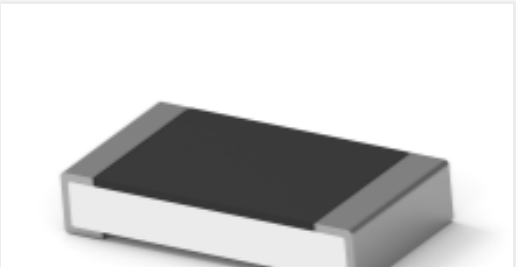
TE Part #1-480345-0  
08P CMNL CAP HSG F/H NATL



TE Part #4-1625885-4  
1W SM M/OX 5% 220R



TE Part #3-2176388-0  
RQ 1206 20R 0.1% 10PPM 5K RL



TE Part #2176389-9  
RQ 1206 130R 0.1% 10PPM 5K RL

Documents

Product Drawings

06P CMNL CAP HSG P/M NATL

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1-480276-0\_V.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_1-480276-0\_V.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1-480276-0\_V.3d\_stp.zip

English

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_1-480276-0\\_AL.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-480276-0\\_AL.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-480276-0\\_AL.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

Instruction Sheets

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

English

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

English

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

English