



MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 1-480426-9

Commercial MATE-N-LOK, Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire, 4 Position, 5.08mm [.2in] Centerline, Wire & Cable, UL 94V-2

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Wire**

Number of Positions: **4**

Centerline (Pitch): **5.08 mm [ .2 in ]**

**Features**

**Product Type Features**

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	4
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	250 VAC
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**Contact Features**

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Pin



### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	5.08 mm [.2 in]
Housing Color	Black
Housing Material	Nylon

### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Identification Marking

Circuit Identification Feature	With
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### Industry Standards

UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire
UL Rating	Certified, Recognized
Agency/Standard Number	E28476
CSA File Number	LR16455
VDE Tested	No
Agency/Standard	CSA, UL

### Packaging Features

Packaging Method	Package
Packaging Quantity	1

### Other

For Use With	Socket (Plug) Housing
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

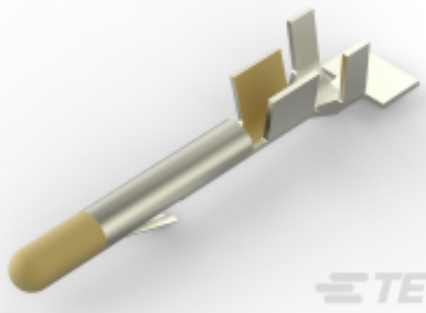

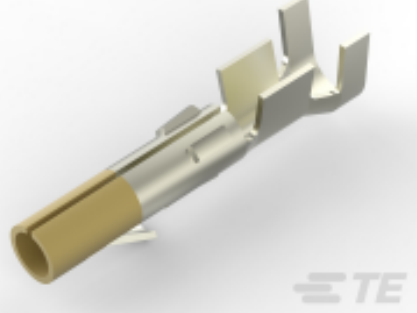

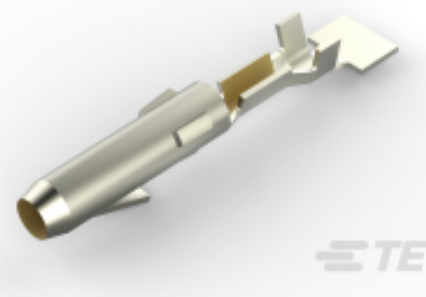
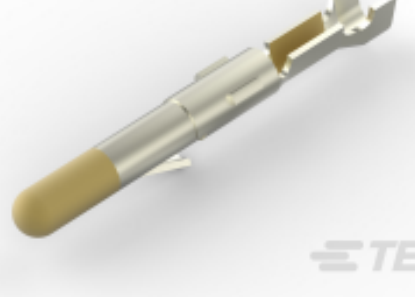

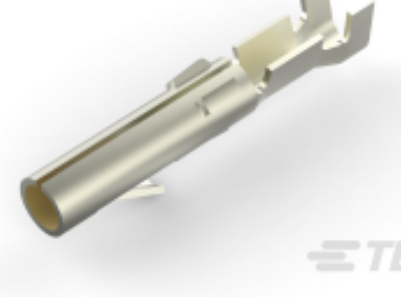


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not 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 Model / Part # 61118-5 CMNL PIN 20-14 AUNIBR</p>	 <p>TE Model / Part # 61527-2 CMNL GROUDING PIN 22-18 PTPBR</p>	 <p>TE Model / Part # 61117-7 CMNL SOK 20-14 AUBR</p>	 <p>TE Model / Part # 1-480424-9 04P CMNL PLUG HSG F/H BLK</p>
 <p>TE Model / Part # 61173-5 CMNL SOK 30-22 AUNIBR L/P</p>	 <p>TE Model / Part # 61174-5 CMNL PIN L/P AUNIBR</p>	 <p>TE Model / Part # 61366-1 AUTO MNL PIN PTPBR</p>	 <p>TE Model / Part # 61314-6 CMNL SOK S/F 24-18 .0125AUPHBZ</p>



TE Model / Part # 61173-1  
CMNL SOK 30-22 PTBR L/P



TE Model / Part # 61118-6  
CMNL PIN 20-14 AUNIPHBZ



TE Model / Part # 60617-4  
CMNL SOK PTPPHBZ L/P



TE Model / Part # 60617-1  
CMNL SOK SNBR L/P



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



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



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



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



TE Model / Part # 61116-7  
CMNL PIN 24-18 AUNIBR



TE Model / Part # 60619-4  
CMNL SOK PTPPHBZ L/P

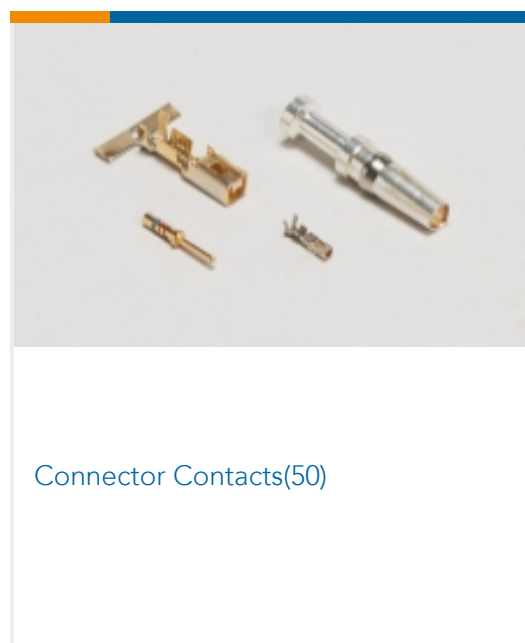


TE Model / Part # 61117-5  
CMNL SOK 20-14 AUBR



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

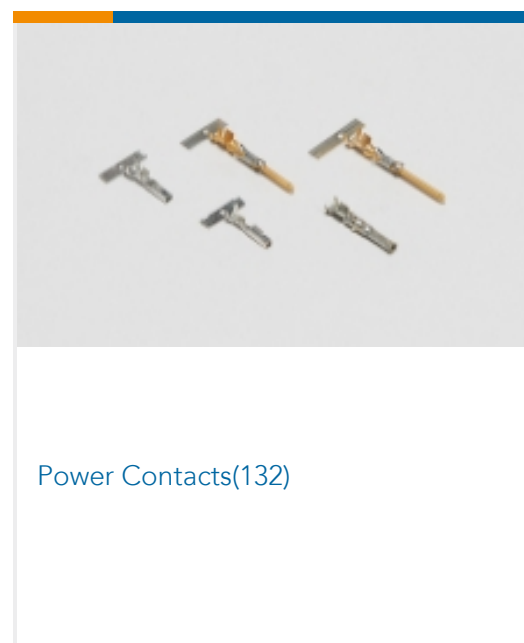
## Also in the Series | Commercial MATE-N-LOK



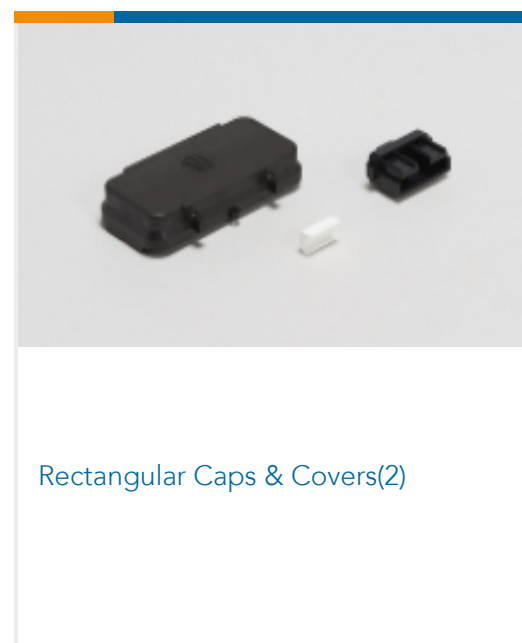
Connector Contacts(50)



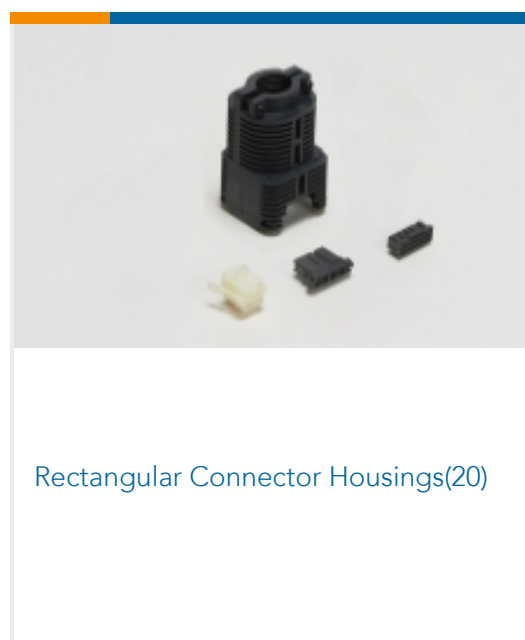
Crimp Wire Pins, Tabs & Ferrules(3)



Power Contacts(132)



Rectangular Caps & Covers(2)



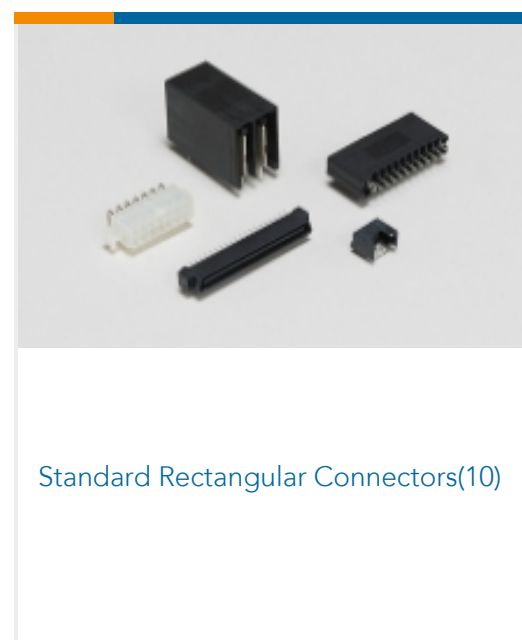
Rectangular Connector Housings(20)



Rectangular Connector Seals(1)



Rectangular Power Connectors(171)

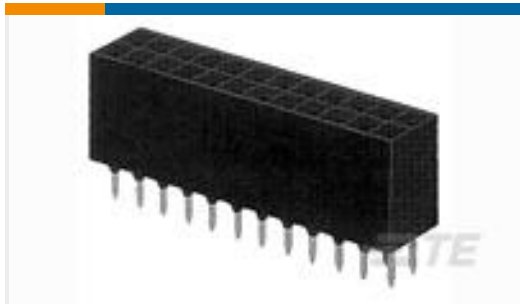


Standard Rectangular Connectors(10)

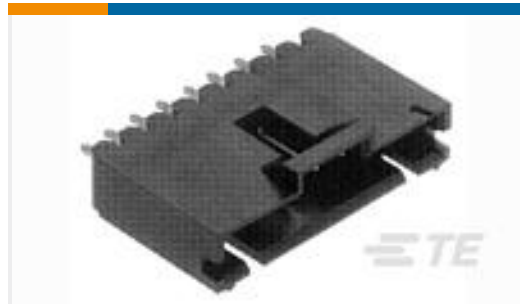


Wire-to-Board Connector Contacts(1)

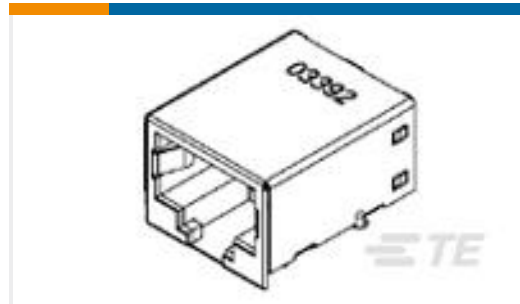
## Customers Also Bought



TE Model / Part #1-534236-0  
20 MODII VRT DR CE 100/120



TE Model / Part #1-103639-5  
16 MTE HDR SRST LATCH .100CL



TE Model / Part #1888543-2  
MJ,10MM,8P,SHLD,NOPNL TABS,SN



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



TE Model / Part #1-480424-9  
04P CMNL PLUG HSG F/H BLK



TE Model / Part #6-102398-0  
24 AMPMODU MT ASSY DR .100CL



TE Model / Part #1-480303-9  
03P CMNL PLUG HSG F/H BLK



TE Model / Part #1-480305-9  
03P CMNL CAP HSG F/H BLK



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



TE Model / Part #6-103644-3  
14 MTE RCPT SR LATCH .100CL

## Documents

### Product Drawings

[04P CMNL CAP HSG F/H BLK](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-480426-9\\_AF.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-480426-9\\_AF.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-480426-9\\_AF.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

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

English

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**Product Specifications**

[Application Specification](#)

English

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**Instruction Sheets**

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

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

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**Agency Approvals**

[Agency Approval Document](#)

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