

1-480720-0 ✓ ACTIVE

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

TE Internal #: 1-480720-0

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

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

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

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	2
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	Socket



### 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	Natural
Housing Material	Nylon

### Dimensions

.43 in

### 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	Pin (Cap) 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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

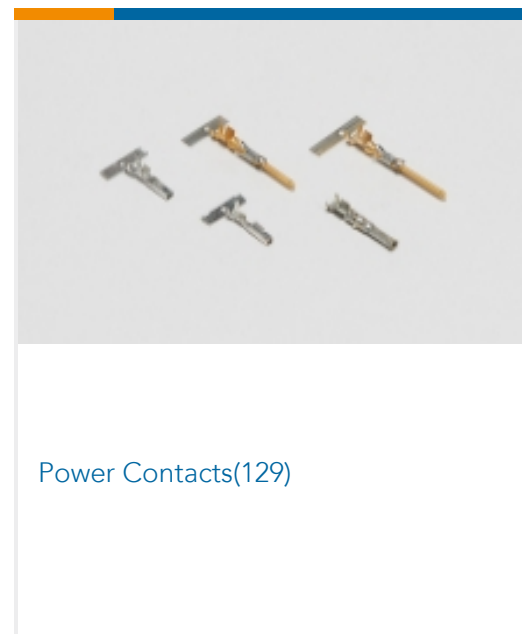
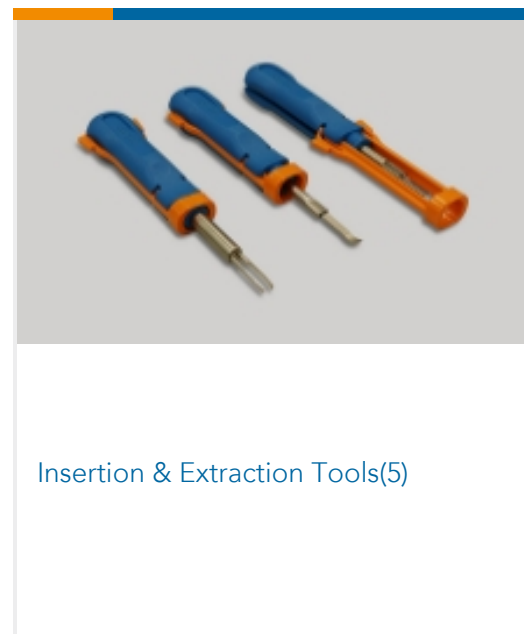
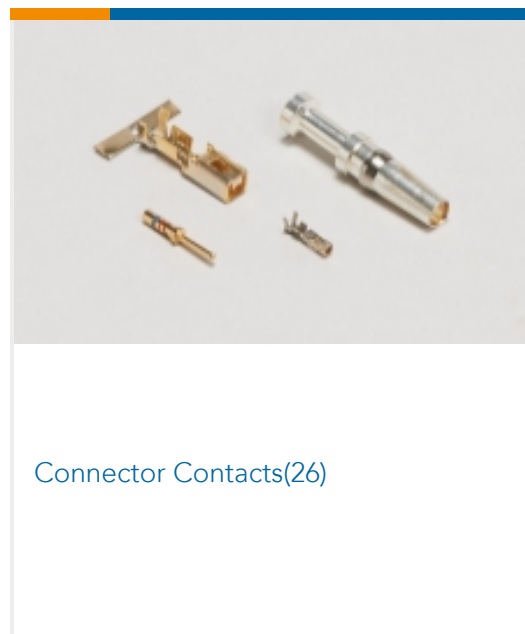
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 60619-5 CMNL SOK AUBR L/P</p>	 <p>TE Part # 60617-5 CMNL SOK AUBR L/P</p>	 <p>TE Part # 60618-5 CMNL PIN AUBR L/P</p>	 <p>TE Part # 60617-4 CMNL SOK PTPPHBZ L/P</p>
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Also in the Series | Commercial MATE-N-LOK

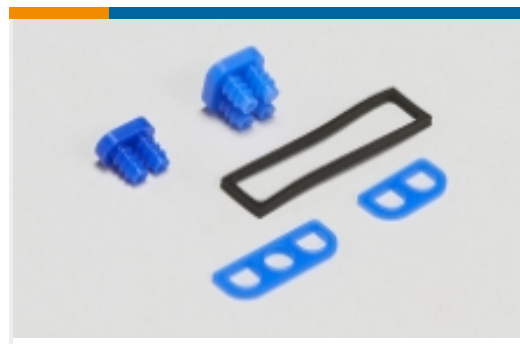




Rectangular Caps & Covers(2)



Rectangular Connector Housings(17)



Rectangular Connector Seals(1)



Rectangular Power Connectors(170)



Standard Circular Connectors(4)



Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

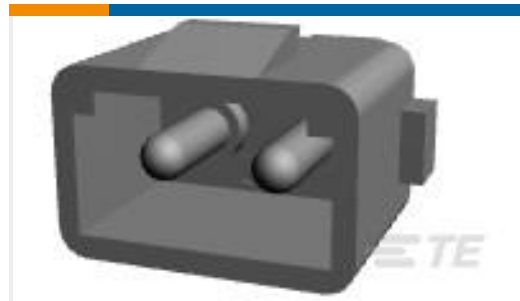
## Customers Also Bought



TE Part #60619-5  
CMNL SOK AUBR L/P



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



TE Part #350540-1  
02P CMNL HDR ASSY LONG NATL



TE Part #2-328976-1  
TERMINAL,PIDG R IR 16 1/2



TE Part #2-103672-9  
06 MTE HDR SRRA LATCH W/HLDWN



TE Part #2-1445052-4  
MICRO MNL HDR ASSY S/ROW LF



TE Part #1546671-2  
2P .437" DR BARRIER,W/WIR CLMP



TE Part #2-2232263-1  
PTL 1X2 CAP PANEL MT HOT WIRE  
KEY B NAT



TE Part #2-2172092-2  
M8.MALE.PNLREAR.3POS.STR.  
PCBSTND.SHLD



TE Part #3-1971777-2  
PTL TPA HWI 1 X 2 BLACK

## Documents



### Product Drawings

#### 02P CMNL PLUG HSG W/LOK NATL

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_1-480720-0\\_H.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-480720-0\\_H.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-480720-0\\_H.3d\\_stp.zip](#)

English

#### 3D PDF

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-480720-0\\_R.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-480720-0\\_R.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-480720-0\\_R.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

### Product Environmental Compliance

[MD\\_1-480720-0\\_03092018140\\_dmtec](#)

English

[MD\\_1-480720-0\\_03092018140\\_dmtec](#)

English