

1-480425-0 ✓ ACTIVE

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

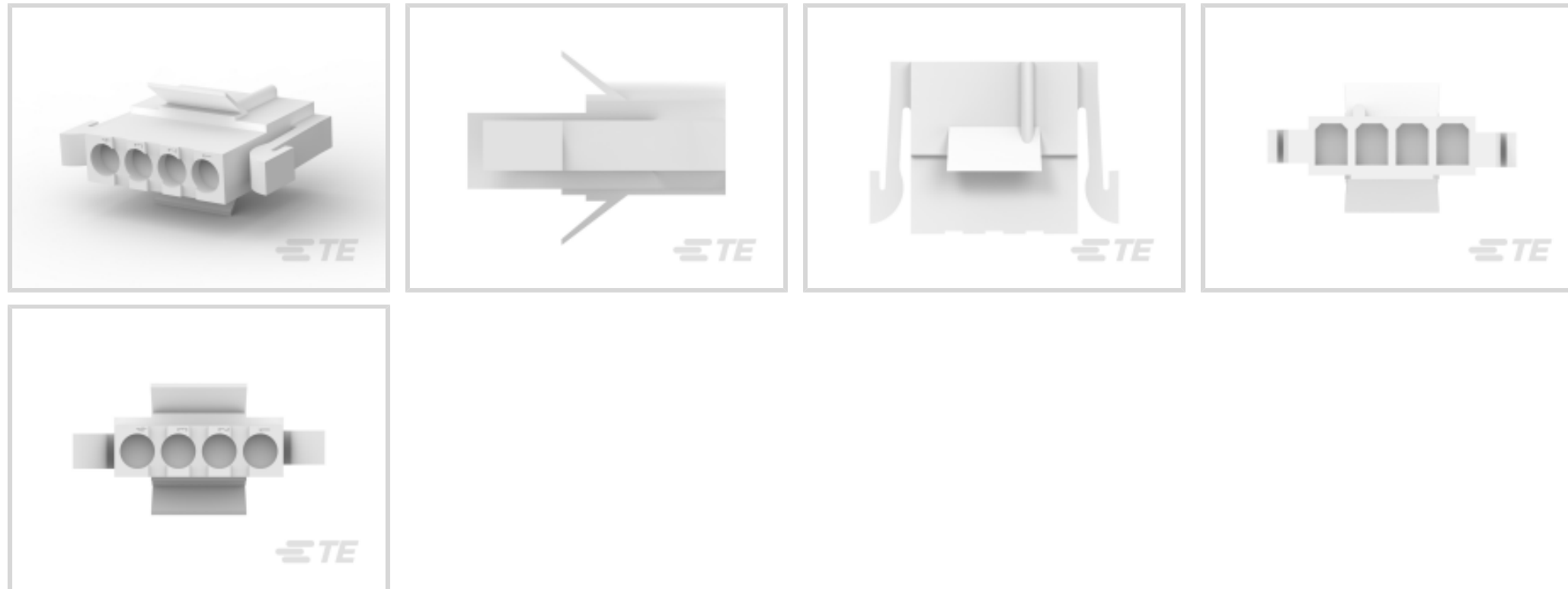
TE Internal #: 1-480425-0

Rectangular Power Connectors, Housing, Plug, Wire-to-Panel /  
Wire-to-Wire, 4 Position, 5.08 mm [.2 in] Centerline, Wire & Cable,  
Commercial MATE-N-LOK

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Panel, 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	Plug
Connector System	Wire-to-Panel, 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	Socket



### Termination Features

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

Panel Mount Feature	With
Panel Mount Feature Type	Locking Leg
Connector Mounting Type	Panel Mount

### Housing Features

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

### Dimensions

Panel Thickness (Recommended)	.64 – 1.65 mm [.025 – .065 in]
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### 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

CSA Rating	LR 16455
UL Rating	Certified, Recognized
Agency/Standard	CSA, UL
Approved Standards	UL E28476
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>](#)


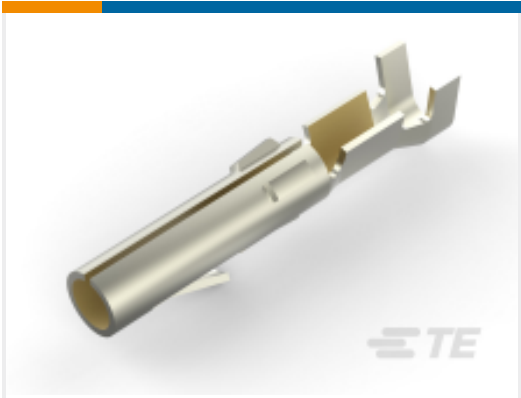
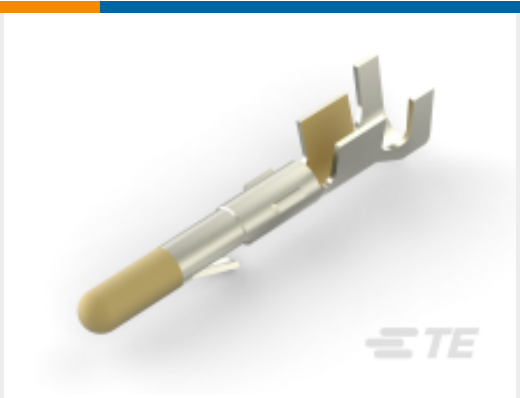







EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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 # 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 # 60618-4 CMNL PIN PTPPHBZL/P</p>
 <p>TE Part # 60617-4 CMNL SOK PTPPHBZ L/P</p>	 <p>TE Part # 61174-1 CMNL PIN L/P PTBR</p>	 <p>TE Part # 61173-1 CMNL SOK 30-22 PTBR L/P</p>	 <p>TE Part # 60619-1 CMNL SOK PTPBR L/P</p>




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



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



TE Part # 1-480426-0  
04P CMNL CAP HSG F/H NATL



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



TE Part # 163304-2  
MATENLOK SOCKET SDW



TE Part # 163305-2  
MATENLOK PIN SDW



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



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



TE Part # 61314-6  
CMNL SOK S/F 24-18 .0125AUPHBZ



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




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




TE Part # 61314-4  
CMNL SOK 24-18 TPPHBZ

Also in the Series | Commercial MATE-N-LOK




Connector Contacts(20)




Connector Seals & Cavity Plugs(1)




Crimp Wire Pins, Tabs & Ferrules(2)




Insertion & Extraction Tools(3)



Power Contacts(129)



Rectangular Caps & Covers(2)



Rectangular Connector Housings(11)

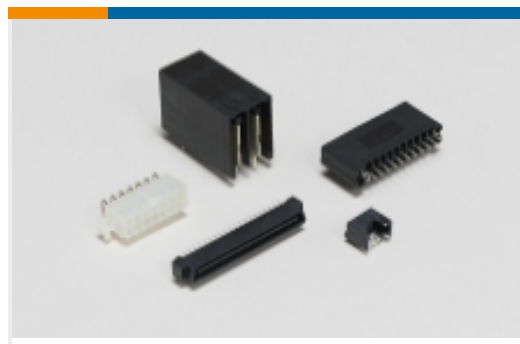


Rectangular Power Connectors(169)





Standard Circular Connectors(2)



Standard Rectangular Connectors(7)



Wire-to-Board Connector Contacts(1)

## Customers Also Bought



TE Part #6609054-5  
6EQ1=F7675 S0



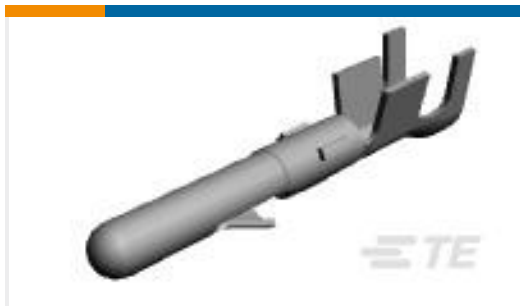
TE Part #1-6609021-1  
20VB1=F7130 S0



TE Part #2-324015-1  
TERMINAL,PIDG SPD FLG 12-10 10



TE Part #170121-1  
MATE-N-LOK SKT L.P.



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



TE Part #7-1377174-6  
SMP 0-0735075-0



TE Part #5069744004  
CGPT-12.7/6.4-X-SP



TE Part #1617087-3  
CBW-1C-24B = HALF.10A.1 POLD F



TE Part #770087-1  
06P .093 COMM P&S RECPT HSG



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

## Documents

### Product Drawings

[04P CMNL PLUG HSG P/M NATL](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1-480425-0\\_R.2d\\_dxf.zip](#)

English

Customer View Model



[ENG\\_CVM\\_1-480425-0\\_R.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_1-480425-0\\_R.3d\\_stp.zip](#)

English

**3D PDF**

English

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-480425-0\\_AR.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-480425-0\\_AR.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-480425-0\\_AR.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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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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## Product Environmental Compliance

[MD\\_1-480425-0\\_060620181416\\_dmtec](#)

English

[MD\\_1-480425-0\\_060620181416\\_dmtec](#)

English

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## Instruction Sheets

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

English

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## Agency Approvals

[Agency Approval Document](#)

English