

60619-1 ✓ ACTIVE

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

TE Internal #: 60619-1

Power Contacts, Contact, 250 VAC, Tin, 20 – 14 AWG Wire Size, .52 – 2.08 mm<sup>2</sup> Wire Size, Wire-to-Wire, Wire & Cable, Crimp, Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VAC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.52 – 2.08 mm<sup>2</sup>**

## Features

### Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Electrical Characteristics

Operating Voltage	250 VAC
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### Contact Features

Contact Shape & Form	Round
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	15 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	2.13 mm [.084 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Thickness	.508 – .812 μm [20 – 32 μin]
Wire Contact Termination Area Plating Material	Tin

Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Barrel Type	Open Barrel

### Termination Features

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

Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without

### Dimensions

Wire Size	.52 – 2.08 mm <sup>2</sup>
Accepts Wire Insulation Diameter Range	3.3 mm [.13 in]

### Usage Conditions

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

Circuit Application	Power
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### Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
VDE Tested	No

### Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	1000

### Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Commercial MATE-N-LOK housings

### 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

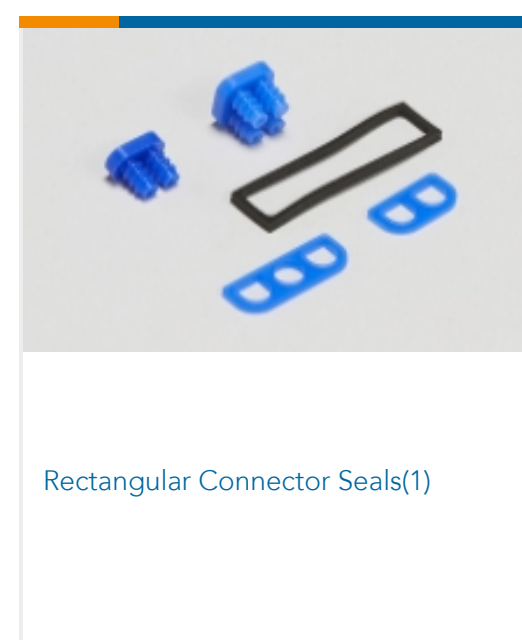
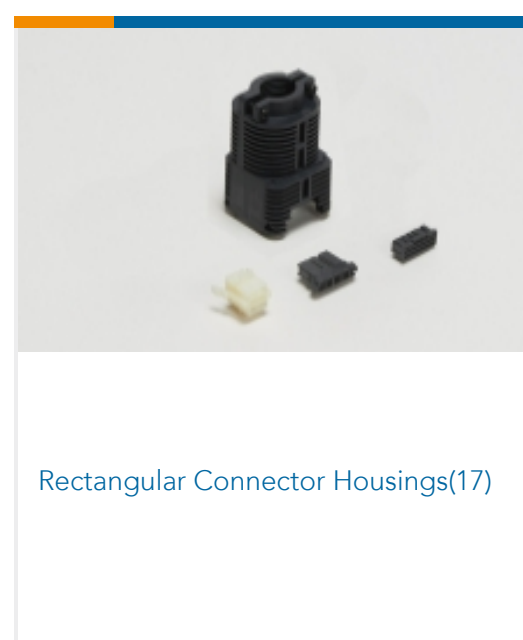
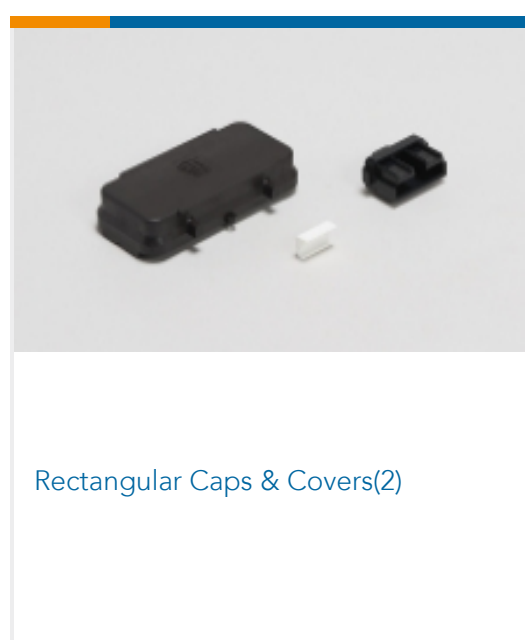
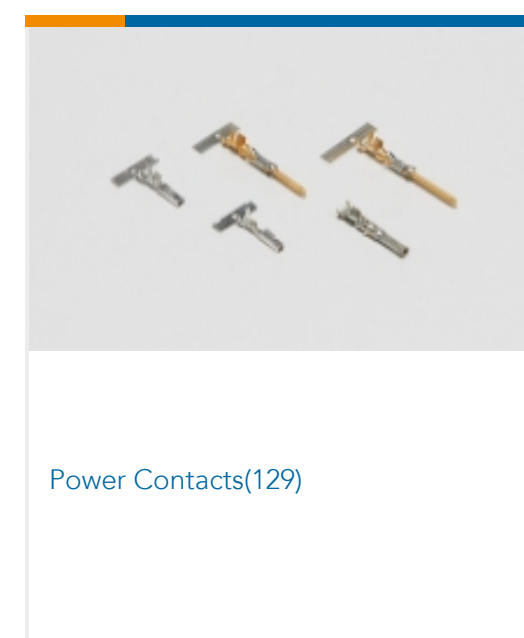
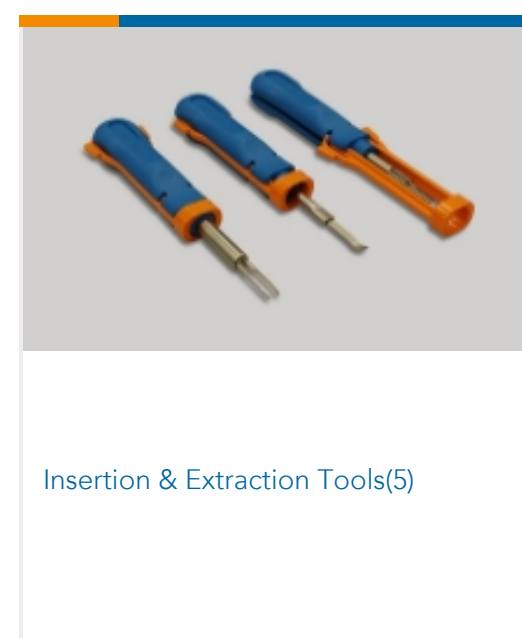
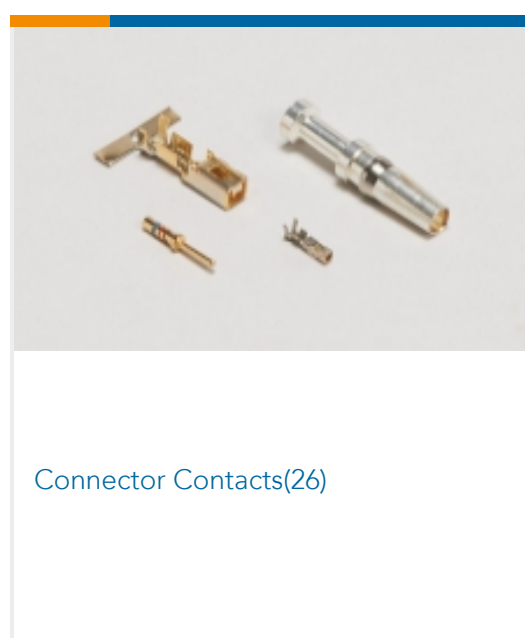
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 91504-1 CCII CMNL MNL PIN SKT 20-14 ASSY</p>	 <p>TE Part # 465644-1 EXTRACTION TOOL</p>	 <p>TE Part # 455830-1 INSERTION TOOL</p>	 <p>TE Part # 1-171196-0 6 POS MATE-N-LOK S</p>
 <p>TE Part # 1-480274-0 09P CMNL PLUG HSG P/M NATL</p>	 <p>TE Part # 1-480284-0 08P CMNL CAP HSG M/M NATL</p>	 <p>TE Part # 1-480438-0 16P CMNL PLUG HSG M/M NATL</p>	 <p>TE Part # 1-480683-0 02P CMNL PLUG HSG F/H NATL</p>



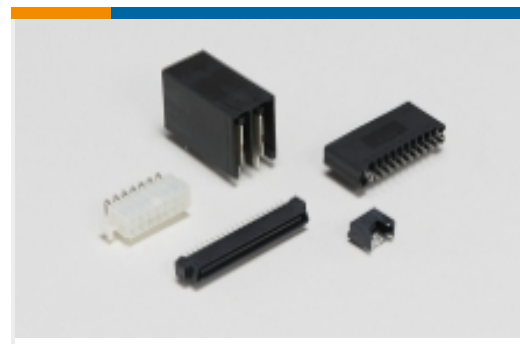
## Also in the Series | Commercial MATE-N-LOK







Standard Circular Connectors(4)



Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

## Customers Also Bought

TE Part #1-480304-0  
03P CMNL PLUG HSG P/M NATLTE Part #1-480722-0  
04P CMNL PLUG HSG W/LCK NATLTE Part #1-480426-0  
04P CMNL CAP HSG F/H NATLTE Part #1-480270-0  
06P CMNL PLUG HSG M/M NATLTE Part #1-480305-0  
03P CMNL CAP HSG F/H NATLTE Part #1-480319-9  
02P CMNL CAP HSG F/H BLKTE Part #1-480319-0  
02P CMNL CAP HSG NATLTE Part #1-480349-0  
01P CMNL PLUG HSG F/H NATLTE Part #2-331351-1  
BNC JACK, PTFETE Part #1-480426-9  
04P CMNL CAP HSG F/H BLK

## Documents

### Product Drawings

CMNL SOK PTPBR L/P

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_60619-1\_Y.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_60619-1\\_Y.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_60619-1\\_Y.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\\_60619-1\\_07112017026\\_dmtec](#)

English

[MD\\_60619-1\\_07112017026\\_dmtec](#)

English

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**Instruction Sheets**

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

English