

60620-1 ✓ ACTIVE

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

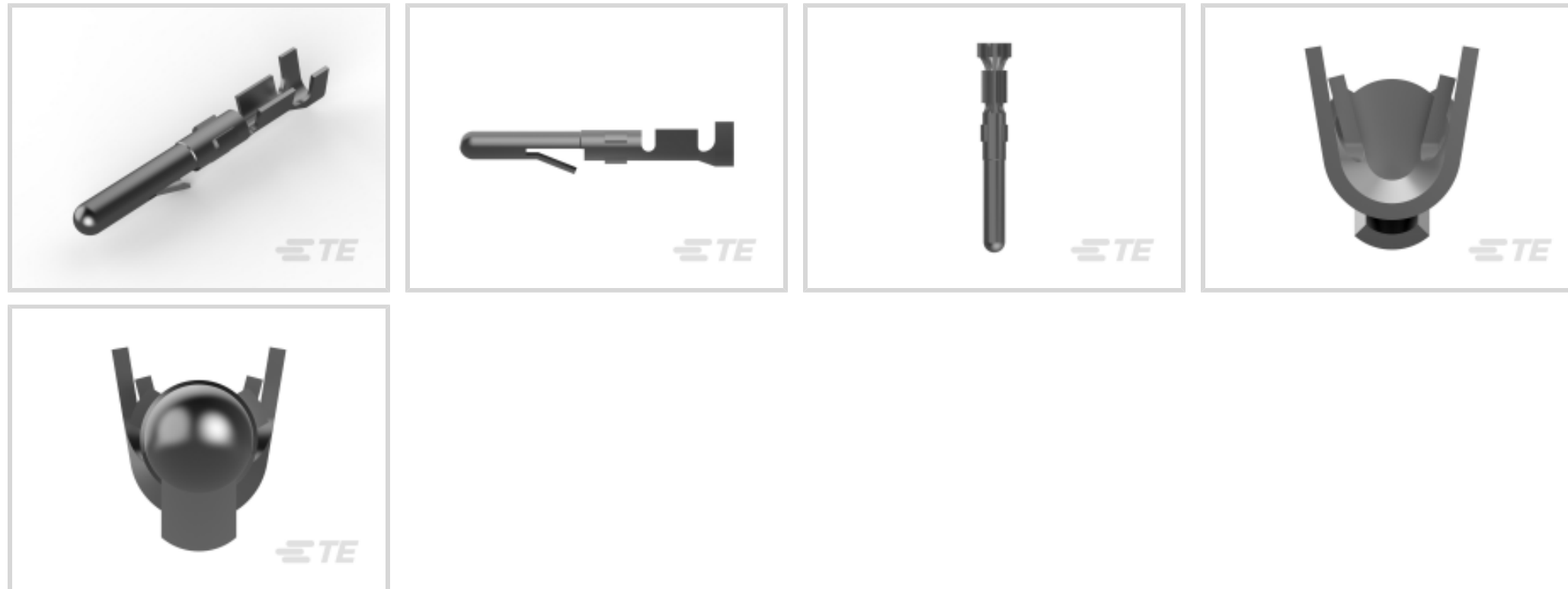
TE Internal #: 60620-1

Pin Contact, Tin, 250 VAC, 250 VDC, Locking Lance Contact Retention, 20 – 14 AWG Wire Size, .52 – 2.08 mm<sup>2</sup> Wire Size, Crimp, Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **250 VDC**

## Features

### Product Type Features

Discrete Wire Type **Stranded**

### Industry Standards

Compatible With Agency/Standards Products **UL, CSA**

UL Flammability Rating **UL 94V-2**

### Packaging Features

Packaging Quantity **1000**

Packaging Method **Bag**

### Dimensions

Compatible Insulation Diameter Range **3.3 mm [.13 in]**

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

### Mechanical Attachment

Wire Insulation Support **Without**

Contact Retention Type Within Housing **Locking Lance**

### Contact Features



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

### Electrical Characteristics

Operating Voltage	250 VDC
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### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

### Usage Conditions

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

Circuit Application	Power
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



TE Part # 91504-1  
CCII CMNL MNL PIN SKT 20-14 ASSY



TE Part # 455830-1  
INSERTION TOOL



TE Part # 1-171196-0  
6 POS MATE-N-LOK S



TE Part # 1-480274-0  
09P CMNL PLUG HSG P/M NATL



TE Part # 1-480284-0  
08P CMNL CAP HSG M/M NATL



TE Part # 1-480438-0  
16P CMNL PLUG HSG M/M NATL



TE Part # 1-480683-0  
02P CMNL PLUG HSG F/H NATL



TE Part # 1-480277-0  
09P CMNL CAP HSG P/M NATL



TE Part # 1-480304-0  
03P CMNL PLUG HSG P/M NATL



TE Part # 1-480722-0  
04P CMNL PLUG HSG W/LCK NATL



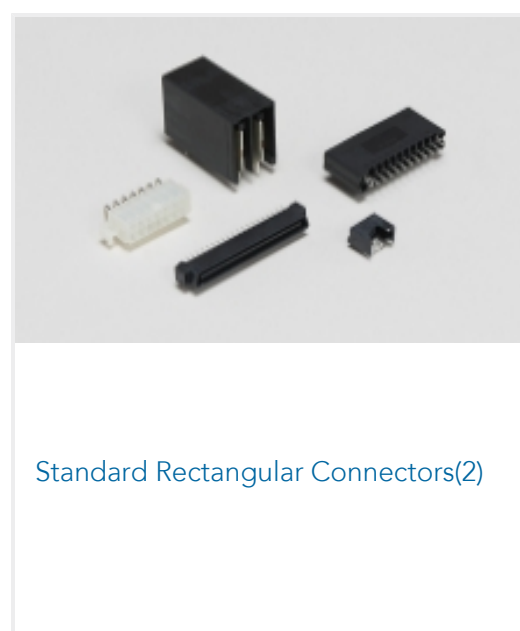
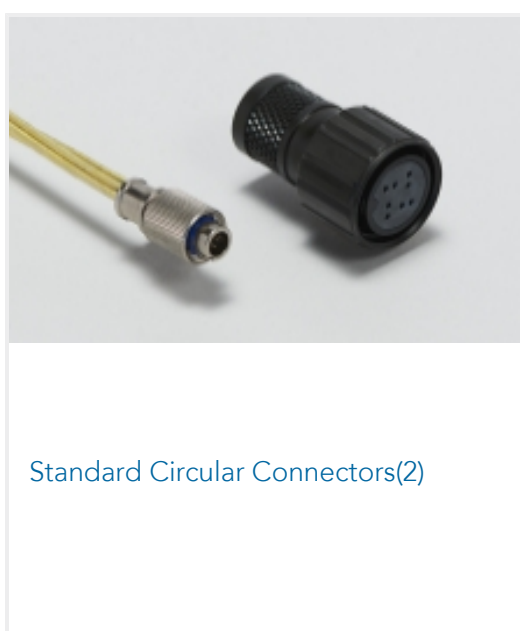
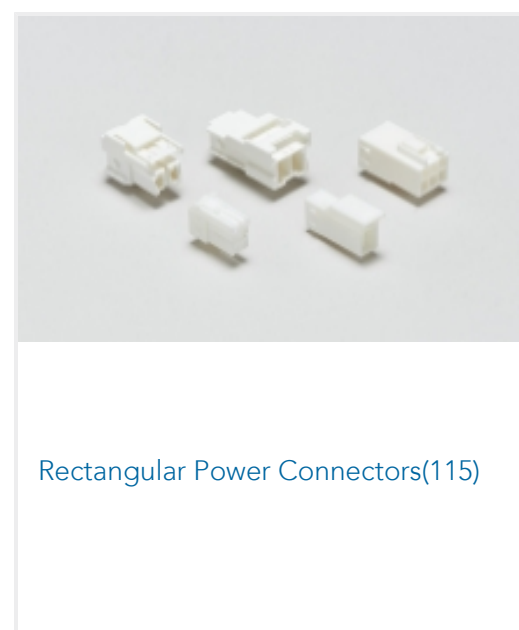
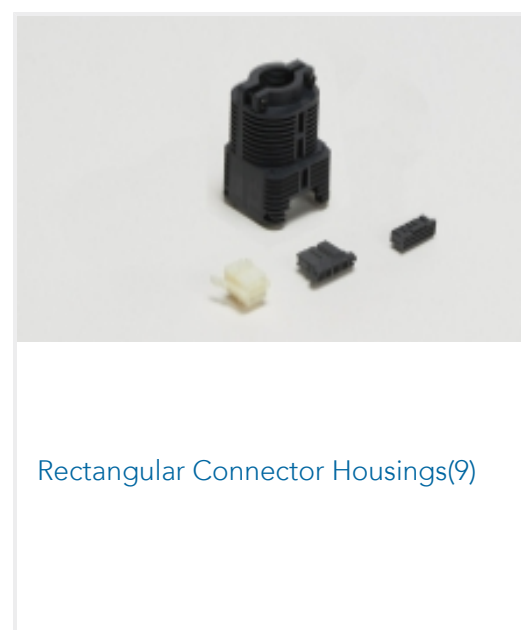
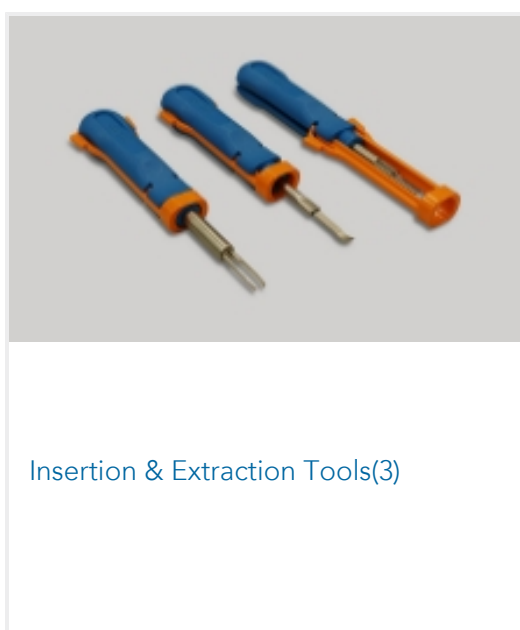
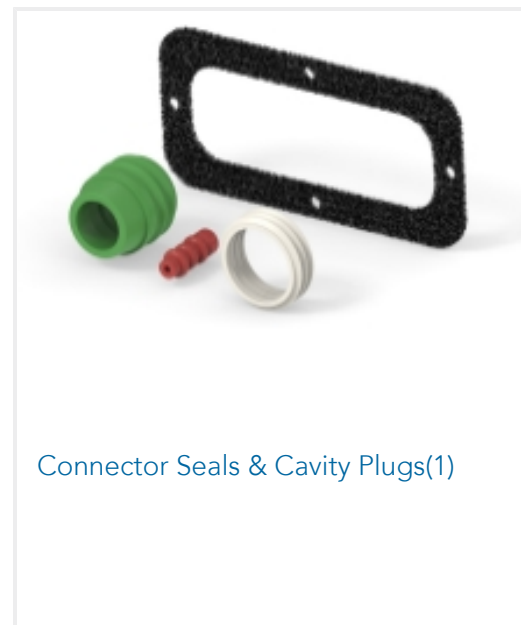
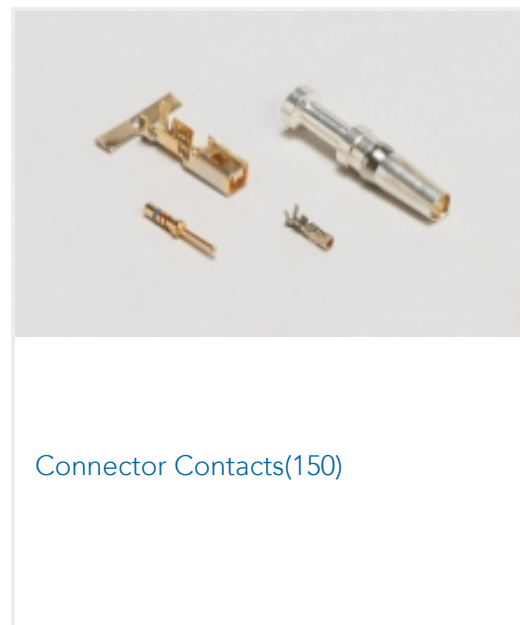
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06P CMNL CAP HSG P/M NATL



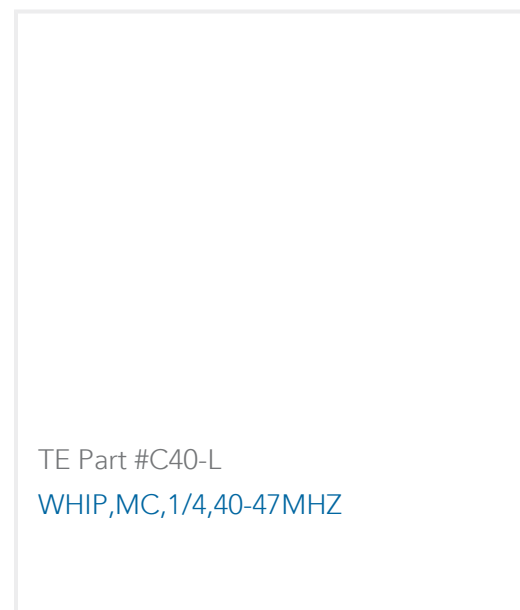
TE Part # 1-480285-0  
10P CMNL PLUG HSG M/M NATL



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



## Customers Also Bought



## Documents

### Product Drawings

[CMNL PIN 20-14 TPBR L/P](#)

English

### CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_60620-1\\_S.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_60620-1\\_S.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_60620-1\\_S.3d\\_stp.zip](#)

English

[3D PDF](#)

3D



**Customer View Model**

[ENG\\_CVM\\_CVM\\_60620-1\\_Y.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_60620-1\\_Y.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_60620-1\\_Y.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 \(U.S.\)](#)

English