

61117-7 ✓ ACTIVE

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

TE Internal #: 61117-7

Connector Contacts, Socket, Gold, Gold, 250 VAC, Locking Lance  
Contact Retention, Wire-to-Wire, Discrete Wire, Commercial MATE-  
N-LOK

[View on TE.com >](#)



Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

## Features

### Product Type Features

Barrel Type	Open Barrel
Discrete Wire Type	Stranded
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Electrical Characteristics

Operating Voltage	250 VAC
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### Contact Features

Contact Diameter	2.13 mm[.084 in]
Contact Mating Area Plating Thickness	.76 $\mu$ m[29.92 $\mu$ in]
Contact Shape & Form	Round
Contact Type	Socket
Contact Mating Area Plating Material	Gold



Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	15 A

### 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)

### Dimensions

Accepts Wire Insulation Diameter Range	3.3 mm[.13 in]
Wire Size	.5 – 2.27 mm <sup>2</sup>

### Usage Conditions

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

For Multiple Crimp	No
For Use With	Commercial MATE-N-LOK
Circuit Application	Power

### Industry Standards

VDE Tested	No
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

### 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: JUNE 2022 (224)

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

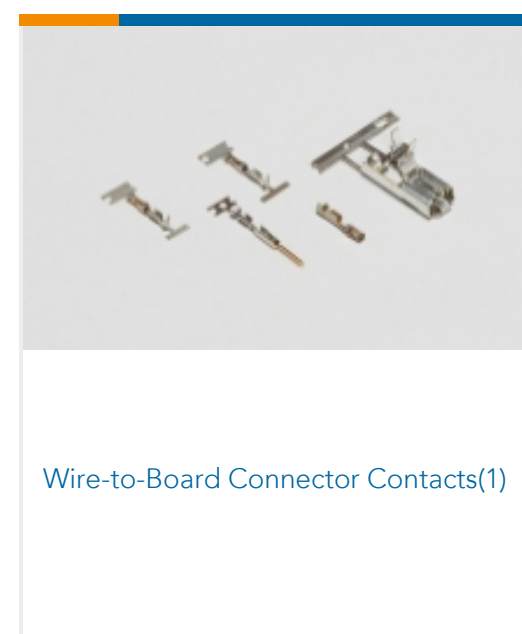
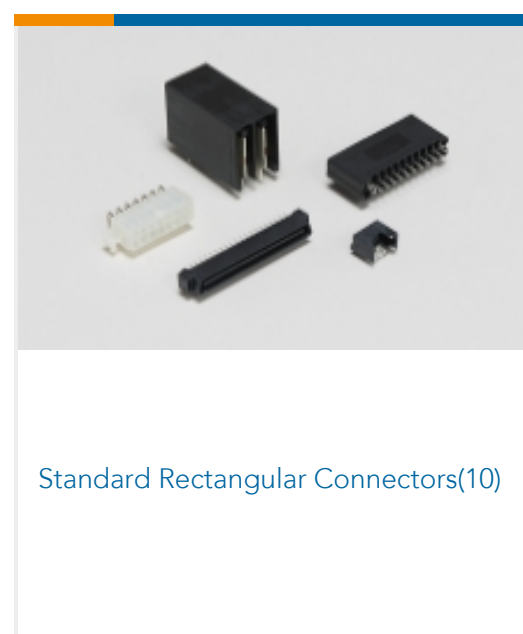
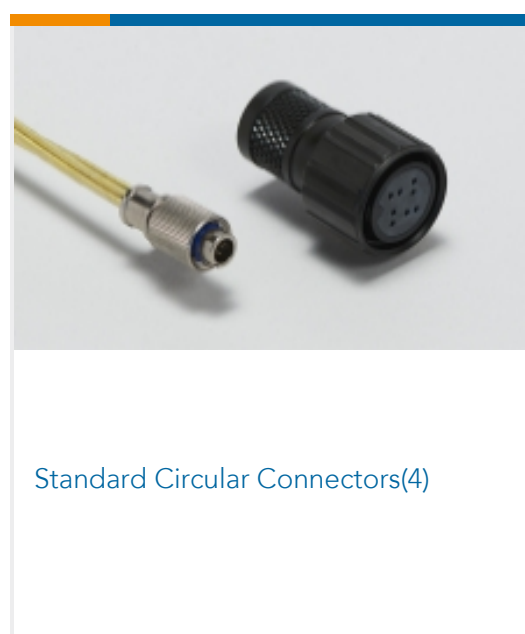
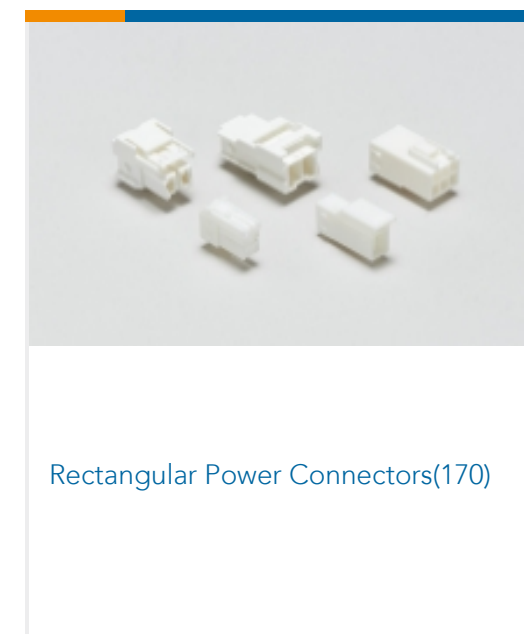
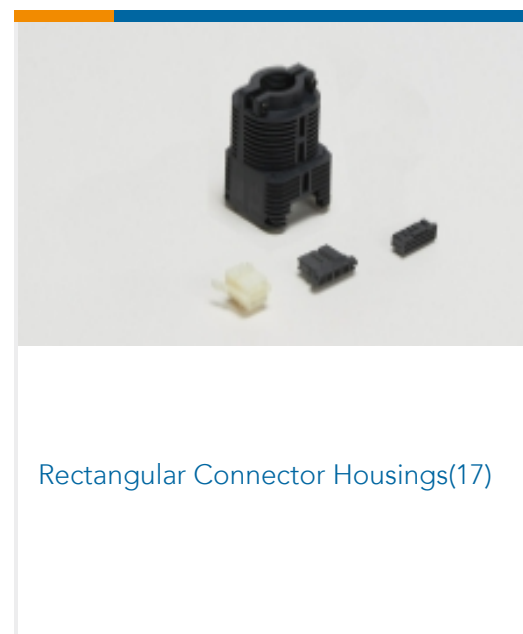
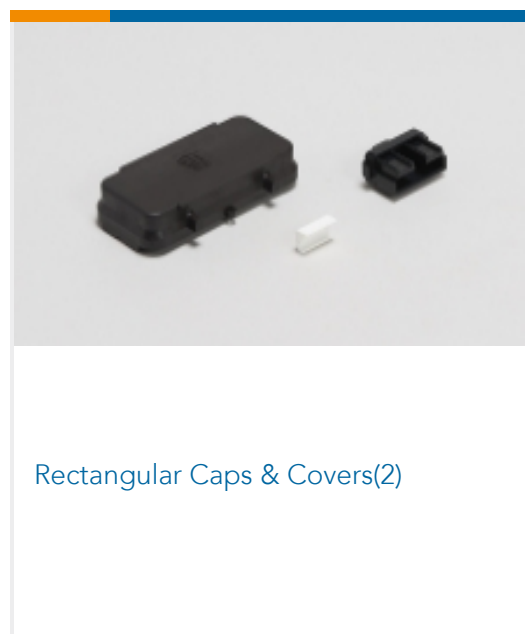
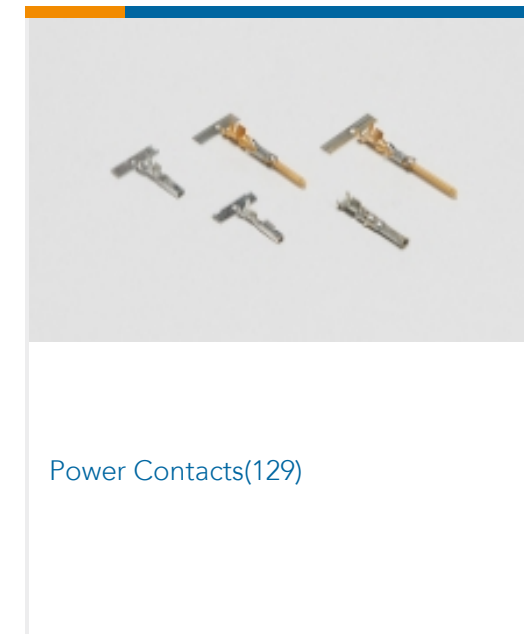
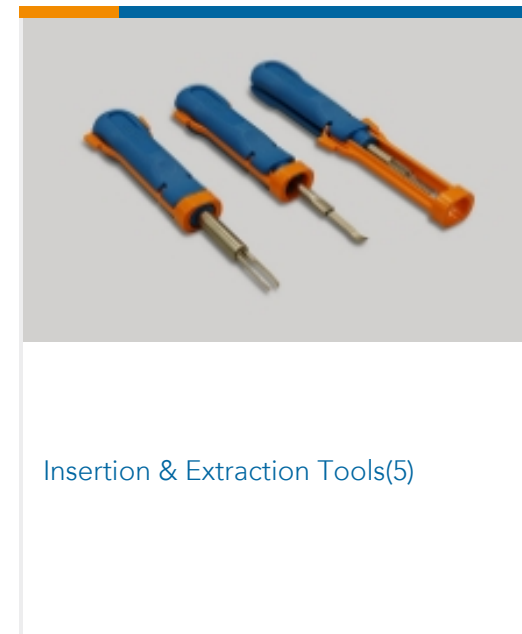
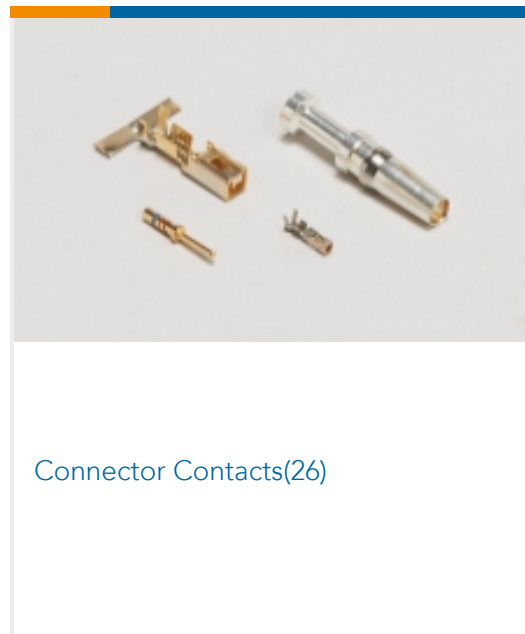
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



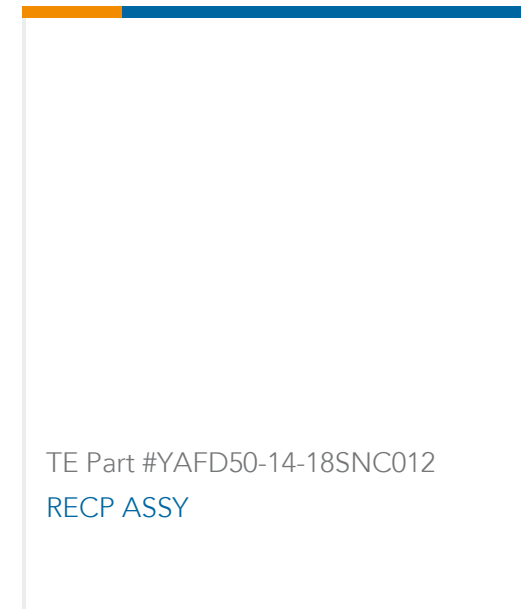
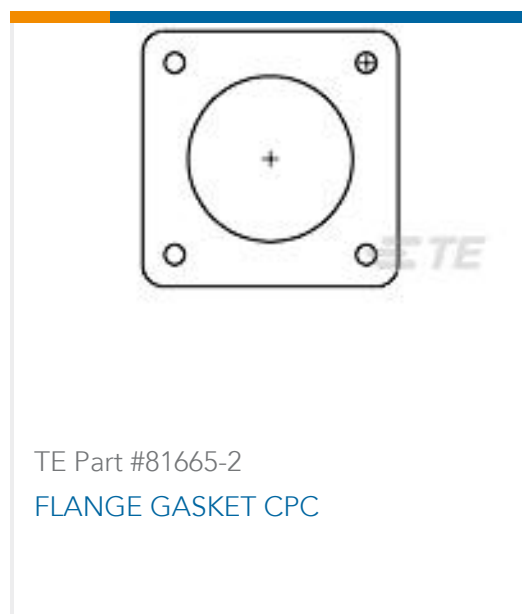


## Also in the Series | Commercial MATE-N-LOK



## Customers Also Bought





## Documents

### Product Drawings

#### CMNL SOK 20-14 AUBR

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_61117-7\\_AC.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_61117-7\\_AC.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_61117-7\\_AC.3d\\_stp.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_61117-7\\_BJ.2d\\_dxf.zip](#)

English

#### Customer View Model

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#### Customer View Model

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English



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### Datasheets & Catalog Pages

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

English

### Product Specifications

[Application Specification](#)

English