

60617-1 ✓ ACTIVE

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

TE Internal #: 60617-1

Power Contacts, Contact, 250 VAC, Tin, 24 – 18 AWG Wire Size, .2 – .82 mm² Wire Size, Wire-to-Wire, Wire & Cable, Crimp, Power, 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: **.2 – .82 mm²**

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 |
|-------------------|---------|

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 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 |
|------------------------------------|-------|

Mechanical Attachment

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

Dimensions

| | |
|--|--------------------------|
| Wire Size | .2 – .82 mm ² |
| Accepts Wire Insulation Diameter Range | 2.54 mm[.1 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

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

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Bag |
| 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](https://www.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



TE Part # 91512-1
CCII CMNL PIN SKT 24-18 ASSY



TE Part # 90574-1
ASSY PRO-CRIMPER COMM M-N-LOCK



TE Part # 465644-1
EXTRACTION TOOL



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



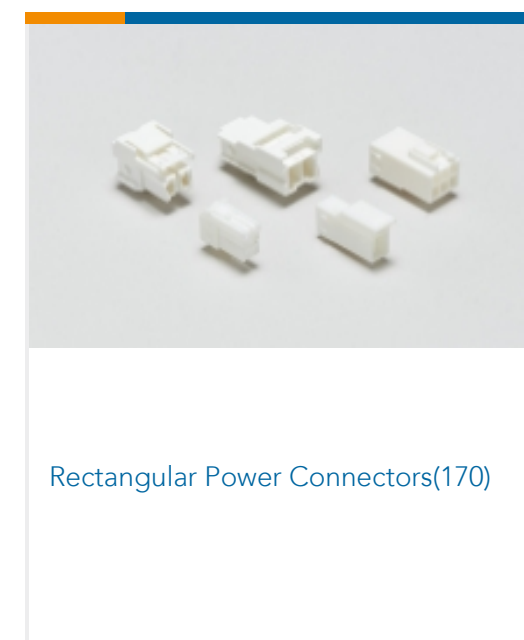
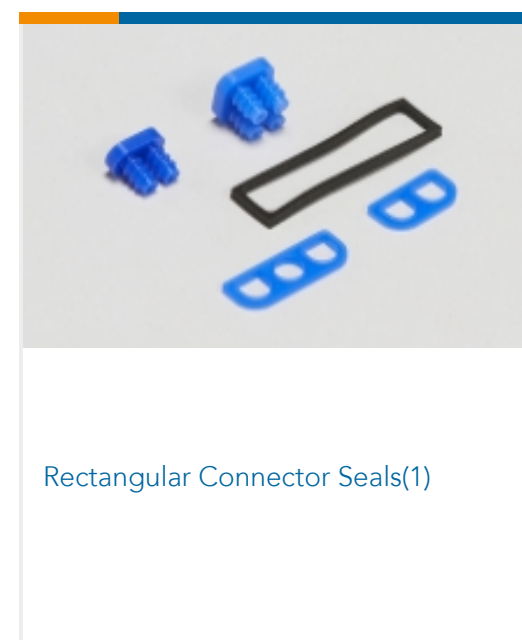
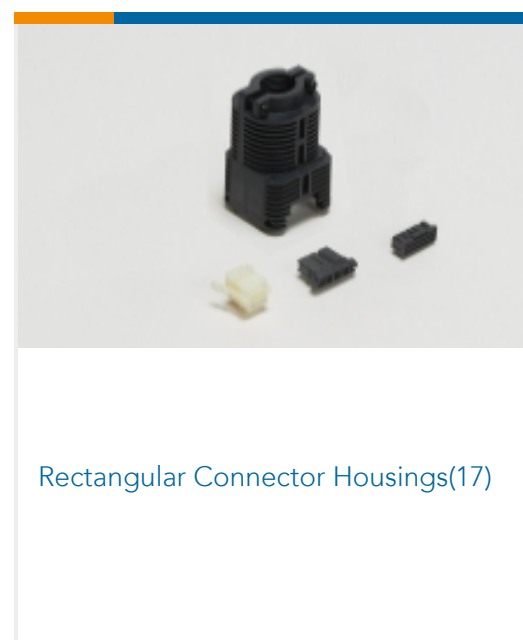
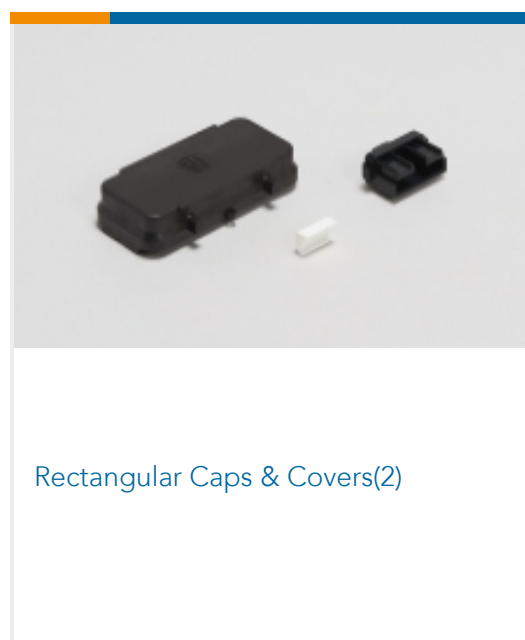
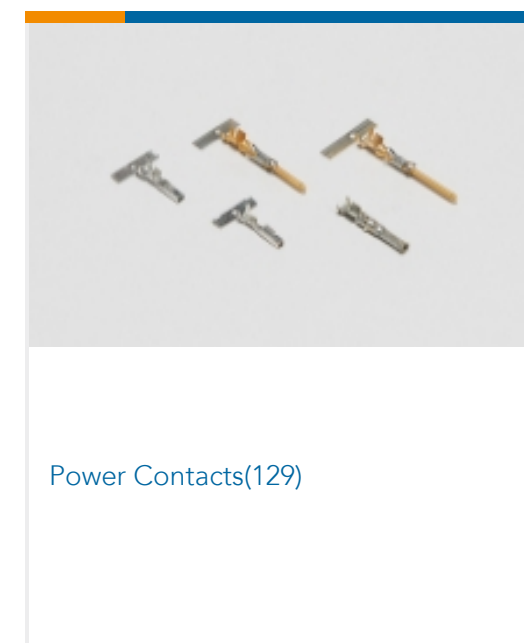
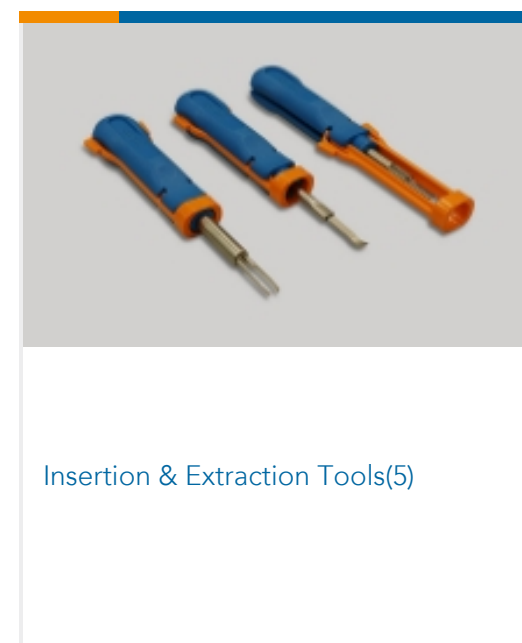
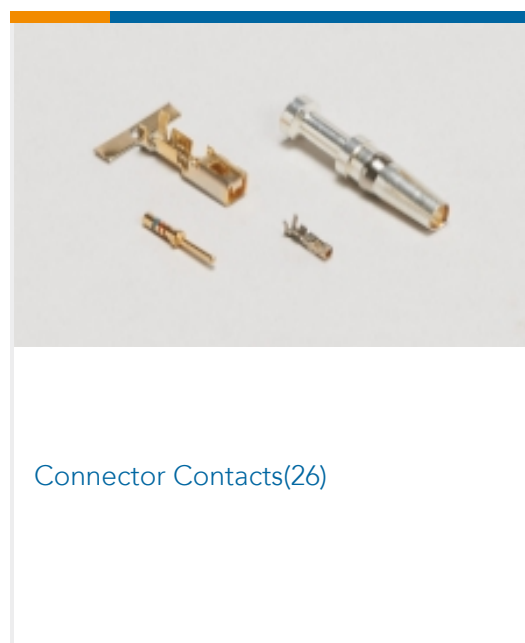
TE Part # 1-480284-0
08P CMNL CAP HSG M/M NATL



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

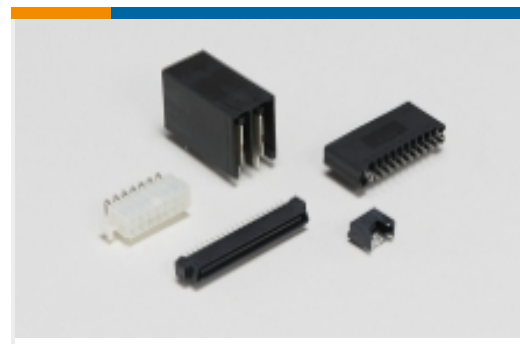


Also in the Series | Commercial MATE-N-LOK





Standard Circular Connectors(4)

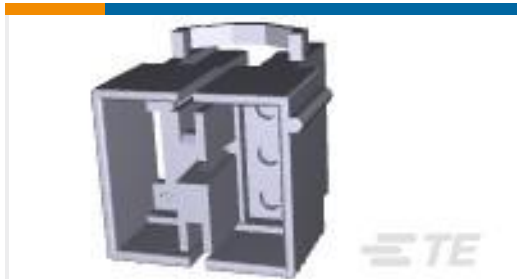


Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

Customers Also Bought

TE Part #1-480340-0
06P CMNL CAP HSG F/H 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 #1-480303-0
03P CMNL PLUG HSG F/H NATLTE Part #1617807-6
FC-335-SY9=RELAY, 3PSTTE Part #3-1609989-1
16BCF6R=F8233FTE Part #5-1437470-3
SSC12ACA=120V 50/60HZ 1/30 SEC

Documents

Product Drawings

CMNL SOK SNBR L/P

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_60617-1_V.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_60617-1_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_60617-1_V.3d_stp.zip](#)

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_60617-1_Z.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60617-1_Z.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60617-1_Z.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_60617-1_032620181147_dmtec](#)

English

[MD_60617-1_032620181147_dmtec](#)

English

Instruction Sheets

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

English