

60619-5 ✓ ACTIVE

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

TE Internal #: 60619-5

Socket Contact, Gold, 250 VAC, Locking Lance Contact Retention,
20 – 14 AWG Wire Size, .52 – 2.08 mm² Wire Size, Crimp, Brass,
Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > 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

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Mating Pin Diameter	2.13 mm[.084 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Shape & Form	Round
Contact Orientation	Straight
Contact Underplating Material	Nickel
Barrel Type	Open
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
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	3.3 mm [.13 in]
Wire Size	.52 – 2.08 mm ²

Usage Conditions

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

Circuit Application	Power
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag & Box

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 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



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



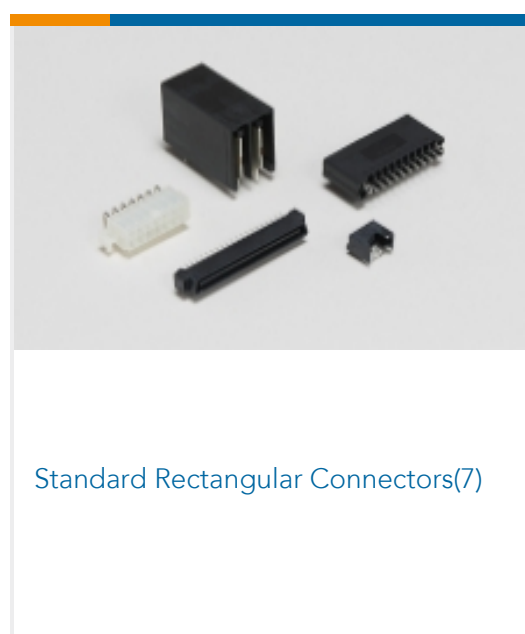
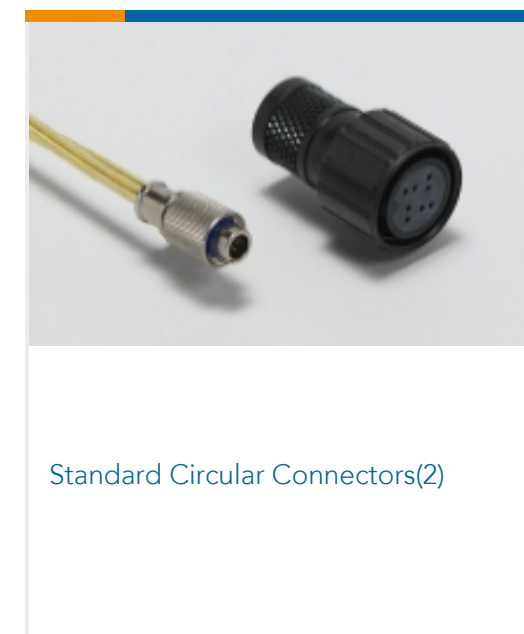
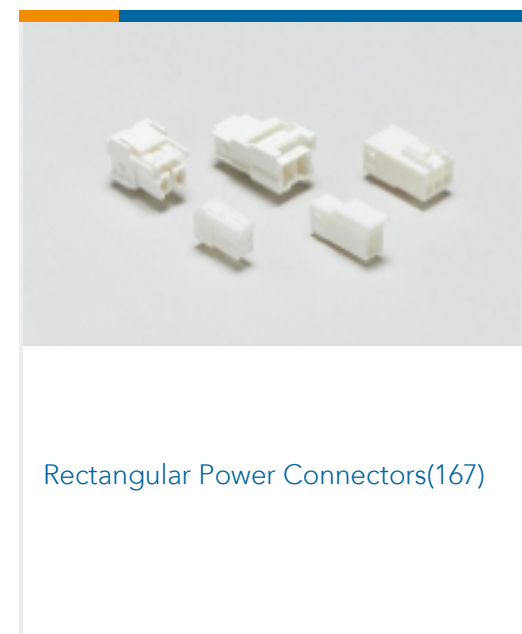
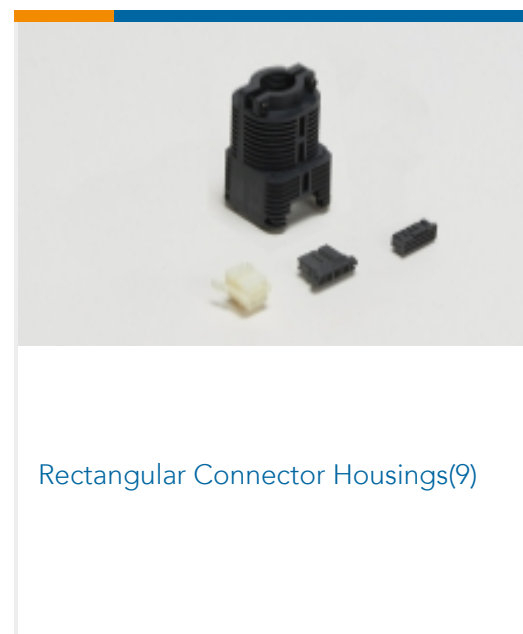
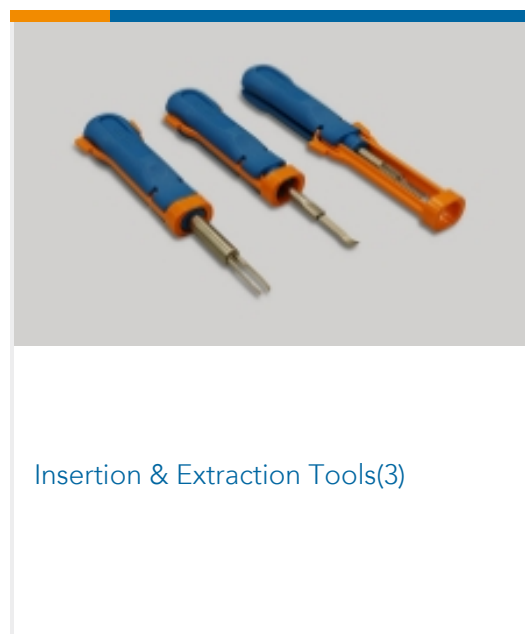
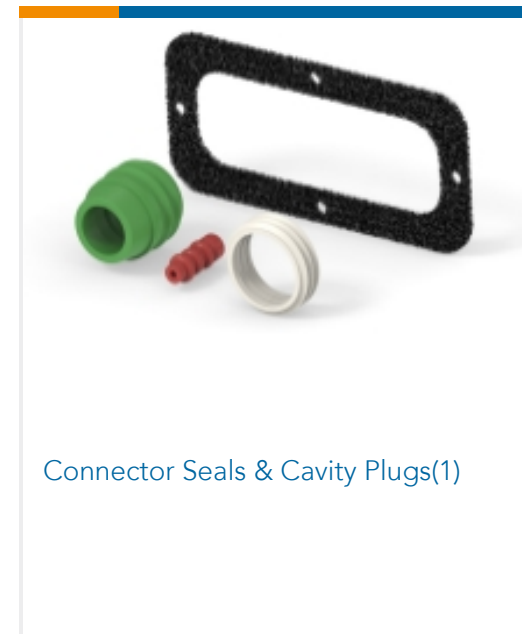
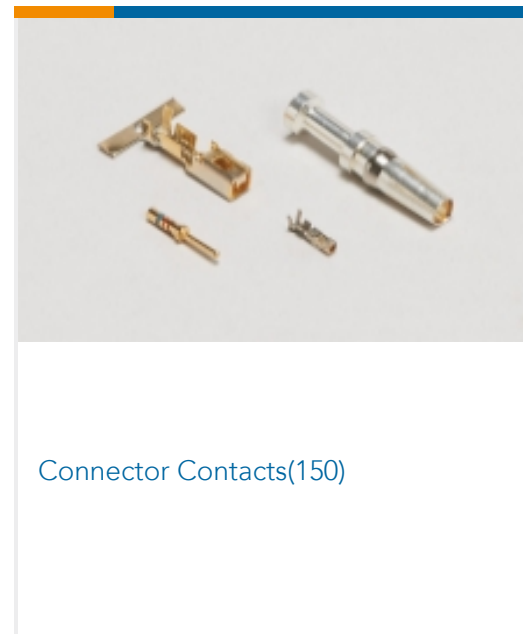
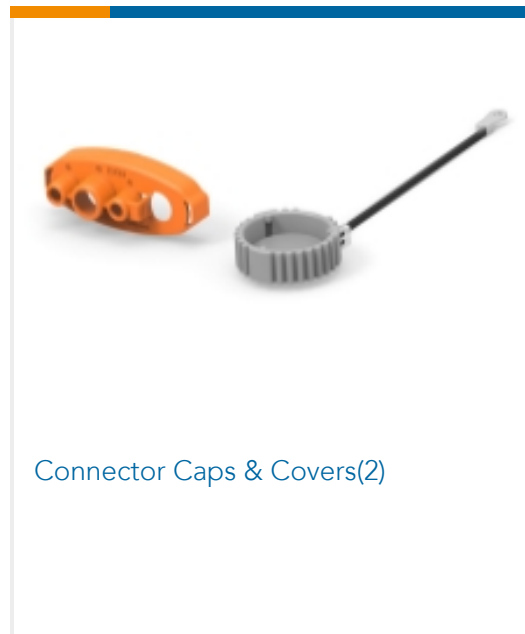
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06P CMNL CAP HSG P/M NATL



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



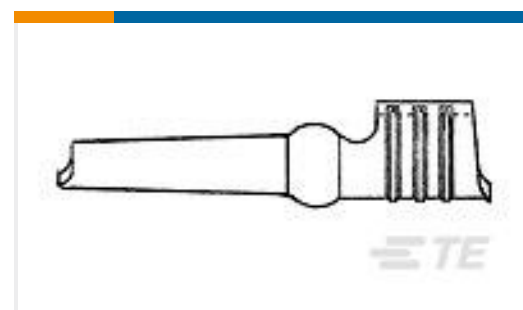
Also in the Series | Commercial MATE-N-LOK



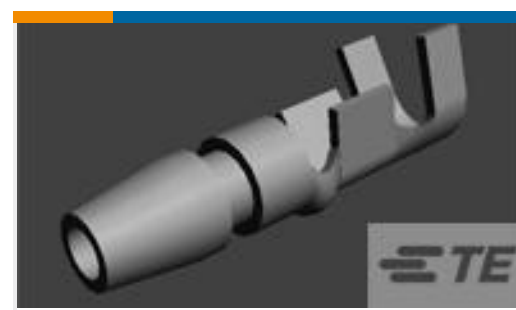
Customers Also Bought



TE Part #3-1630012-8
HSC150 68R 5%



TE Part #42107-2
TAPER PIN,ON STRIP,TIN-L;88SER



TE Part #170020-2
SHUR PLUG 20-14 MM2 TPBR



TE Part #170021-2
SHUR PLUG RECEPTACLE 20-16 AWG
TPBR



TE Part #170887-4
SLEEVE DIA5 SHUR PLUG NAT



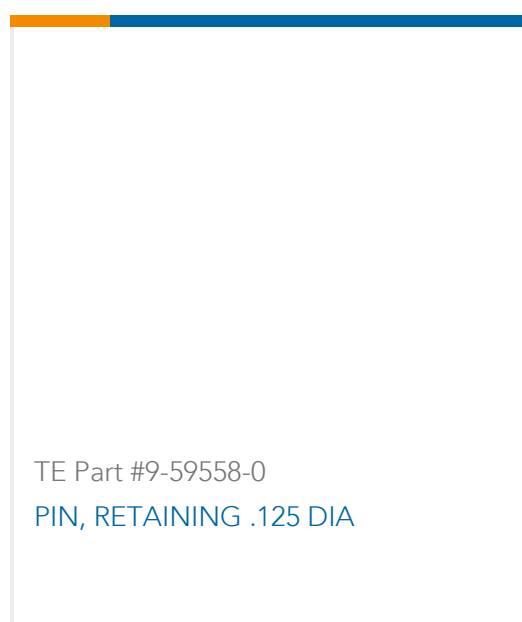
TE Part #170889-2
SLEEVE DIA3 SHUR PLUG NAT



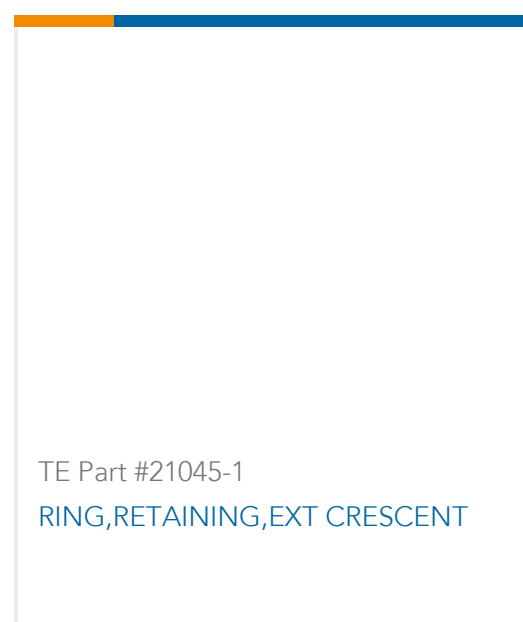
TE Part #60620-5
CMNL PIN 20-14 AUBR L/P



TE Part #172450-3
PLUG HSG 72P MULTI TAP



TE Part #9-59558-0
PIN, RETAINING .125 DIA



TE Part #21045-1
RING,RETAINING,EXT CRESCENT

Documents

Product Drawings

[CMNL SOK AUBR L/P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_60619-5_Y.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60619-5_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60619-5_Y.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

Instruction Sheets

Instruction Sheet (U.S.)

English