

61173-5 ✓ ACTIVE

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

TE Internal #: 61173-5

Socket Contact, Gold, 250 VAC, Locking Lance Contact Retention,
30 – 22 AWG Wire Size, .05 – .33 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: **Nickel**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
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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	1.02 – 1.91 mm [.04 – .075 in]
Wire Size	.05 – .33 mm ²

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	2.03 mm[.08 in]
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Shape & Form	Round
Wire Contact Termination Area Plating Thickness	1.27 μm[50 μin]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Nickel
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	15 A

Electrical Characteristics

Operating Voltage	250 VAC
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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)






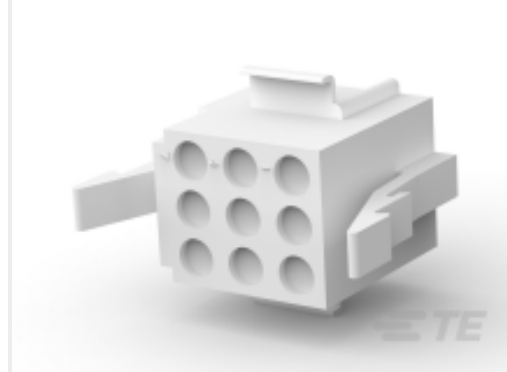



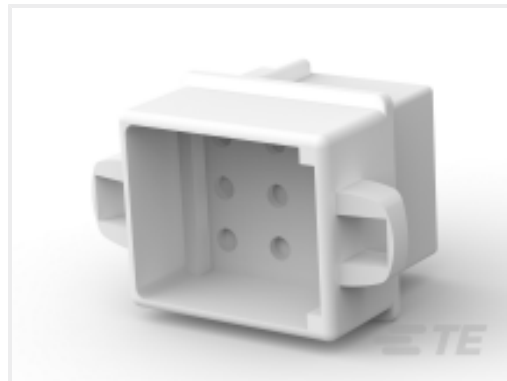
Candidate List Declared Against: JUNE 2024 (241)
Does not contain REACH SVHC

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

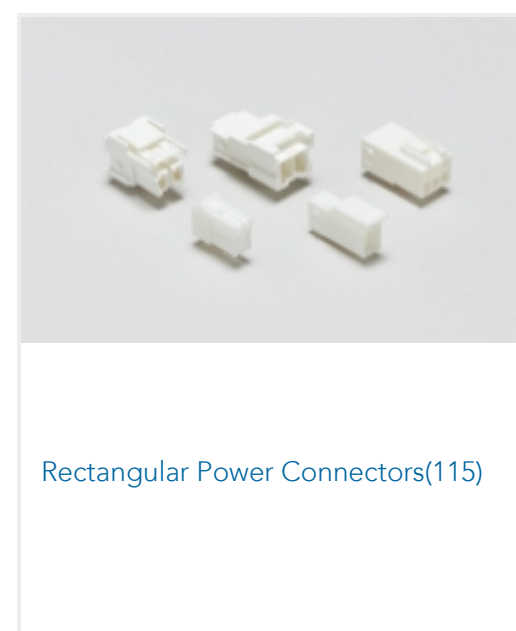
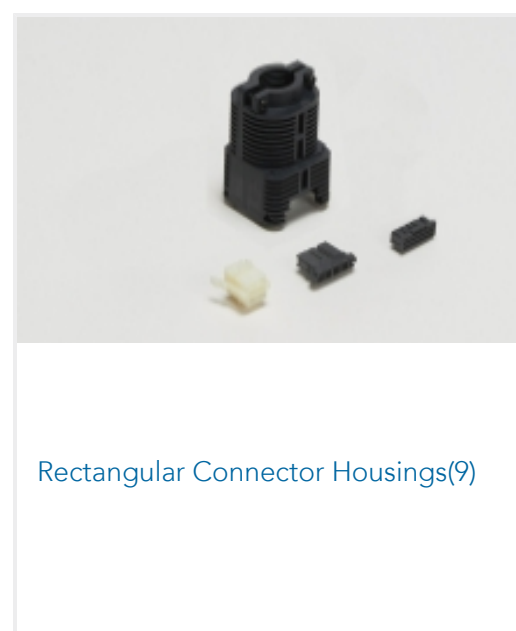
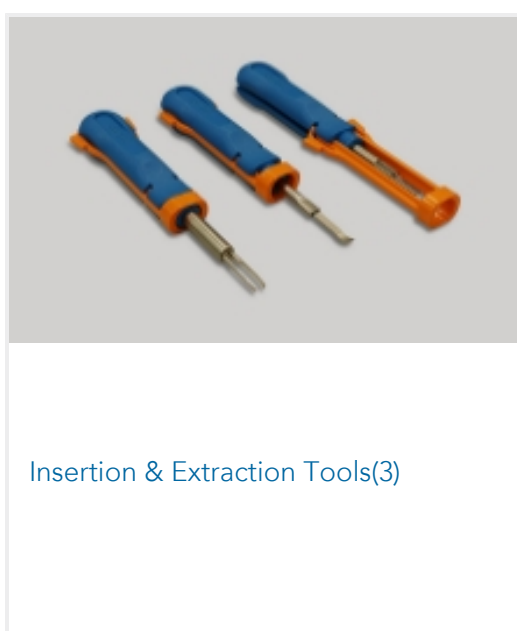
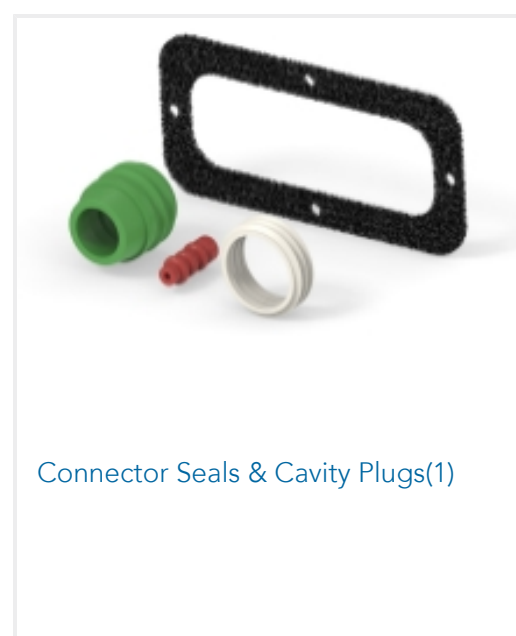
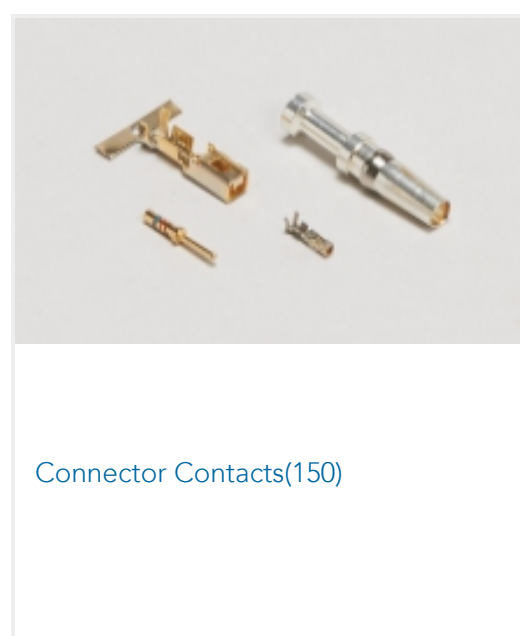
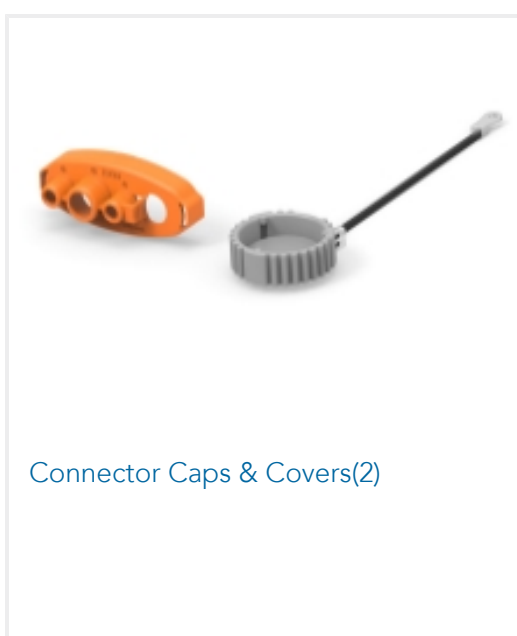
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 91515-1 CCI TYPE III+ MNL PIN SKT 30-20 ASSY</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>	 <p>TE Part # 1-480277-0 09P CMNL CAP HSG P/M NATL</p>

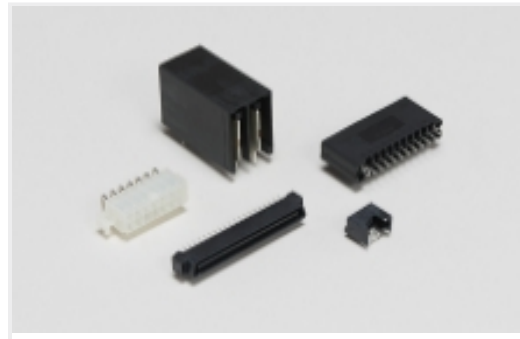


Also in the Series | **Commercial MATE-N-LOK**





Standard Circular Connectors(2)



Standard Rectangular Connectors(2)

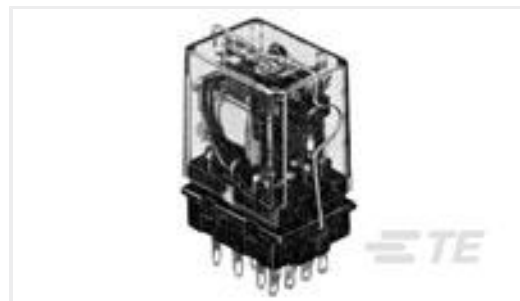
Customers Also Bought



TE Part #5745073-2
HD-20 PLUG 25P VERT FFSCRLK



TE Part #2-1419106-1
27E489=SOCKET,K10,8,PCB,NYL



TE Part #1419111-2
20C217=SPRING,HOLD-DOWN,KH,.03



TE Part #MS580301BA01-00
MS5803-01BA01 PRESSURE SENSOR TUBE



TE Part #60617-5
CMNL SOK AUBR L/P



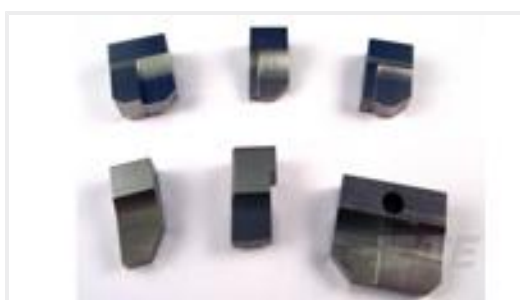
TE Part #60617-1
CMNL SOK SNBR L/P



TE Part #32859
TERMINAL,BUDG R 26-22 8



TE Part #1-480318-0
02P CMNL PLUG HSG F/H NATL



TE Part #3-1333200-8
ANVIL, COMBINATION .033 - .046

Documents

Product Drawings

[CMNL SOK 30-22 AUNIBR L/P](#)

English

CAD Files

Customer View Model

[ENG_CVM_61173-5_E.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_61173-5_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_61173-5_E.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_61173-5_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_61173-5_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_61173-5_H.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English