

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, Discrete Wire, 20 – 14 AWG Wire Size,
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

Discrete Wire Type	Stranded
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 Material Thickness	.76 μ m[29.92 μ in]
Contact Shape & Form	Round
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
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Dimensions

Compatible Insulation Diameter Range	3.3 mm [.13 in]
Wire Size	.5 – 2.27 mm ²

Usage Conditions

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

For Multiple Crimp	No
Circuit Application	Power

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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>

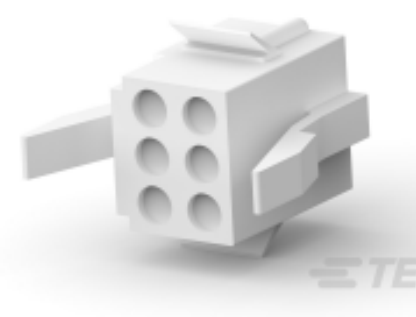
Compatible Parts



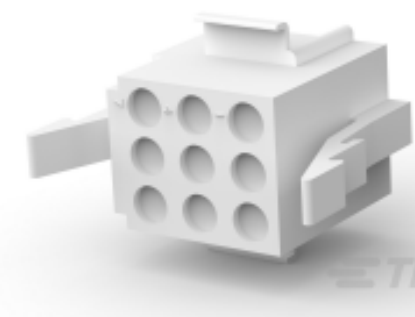
TE Part # 91504-1
CCII CMNL MNL PIN SKT 20-14 ASSY



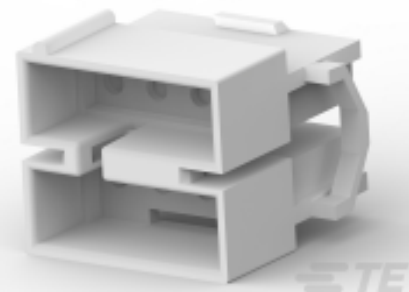
TE Part # 455830-1
INSERTION TOOL



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



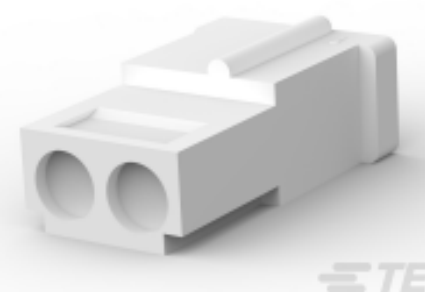
TE Part # 1-480274-0
09P CMNL PLUG HSG P/M NATL



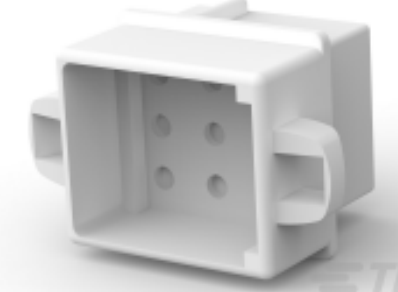
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08P CMNL CAP HSG M/M NATL



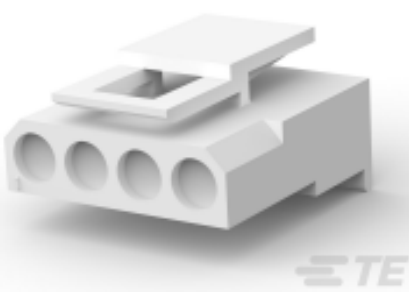
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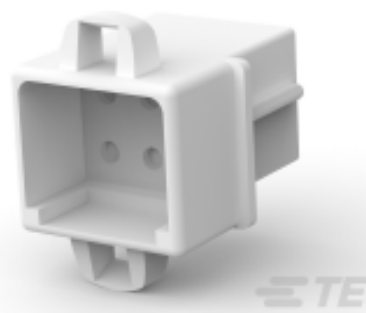
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02P CMNL PLUG HSG F/H NATL



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



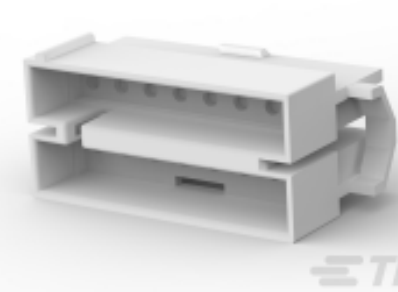
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04P CMNL PLUG HSG W/LCK NATL



TE Part # 1-480276-0
06P CMNL CAP HSG P/M NATL



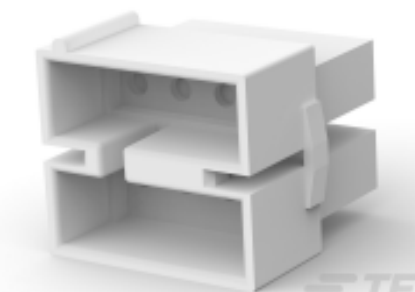
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10P CMNL PLUG HSG M/M NATL



TE Part # 1-480439-0
16P CMNL CAP HSG M/M NATL



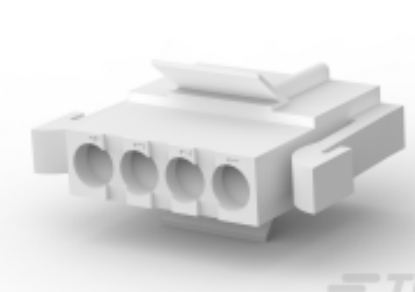
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02P CMNL PLUG HSG F/H BLK



TE Part # 1-480345-0
08P CMNL CAP HSG F/H NATL



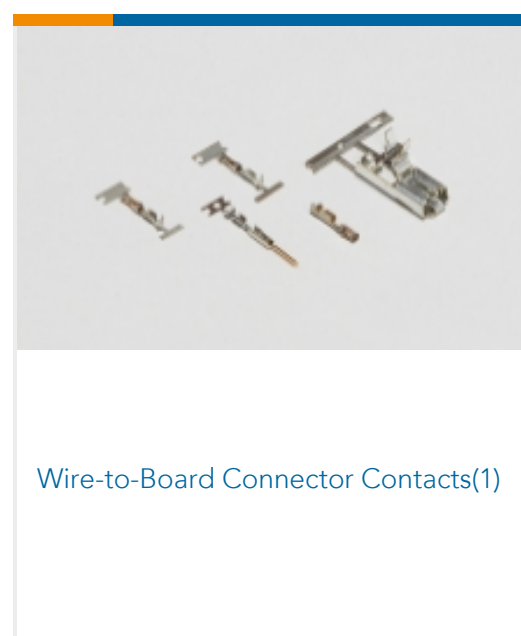
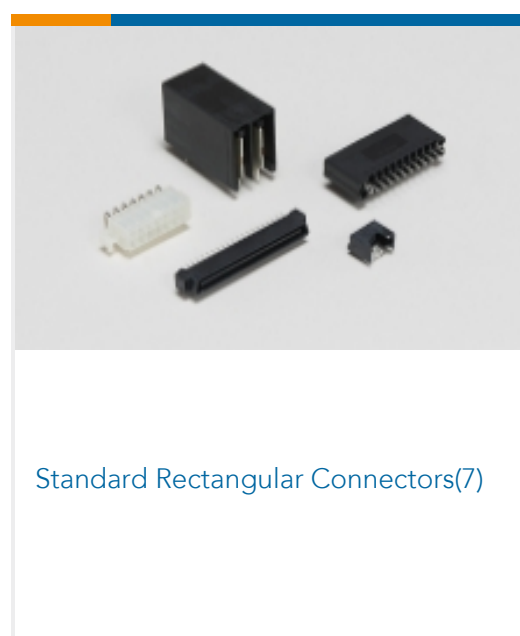
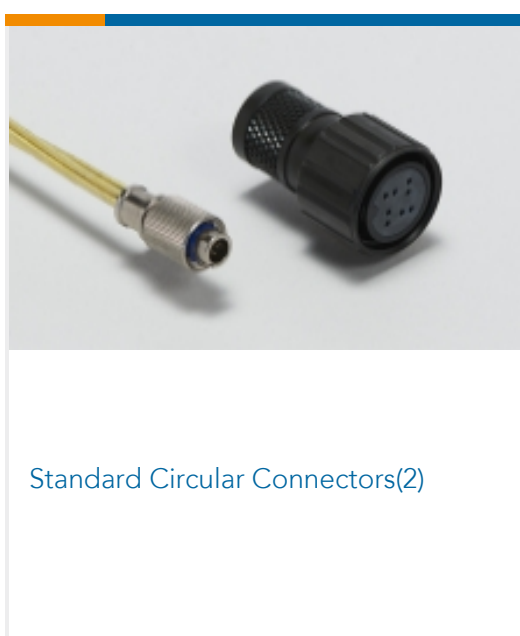
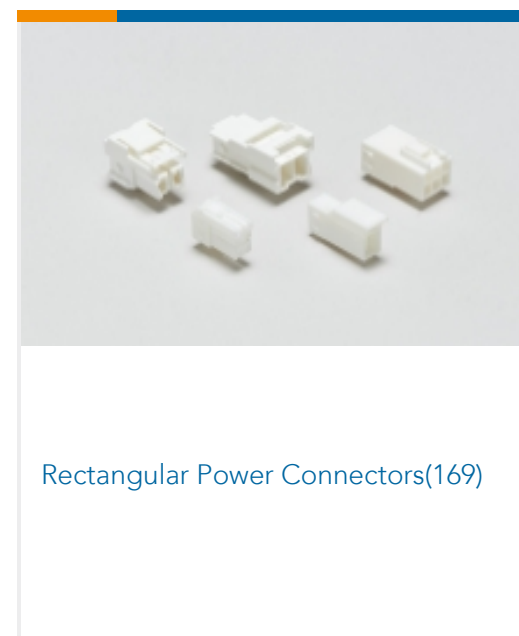
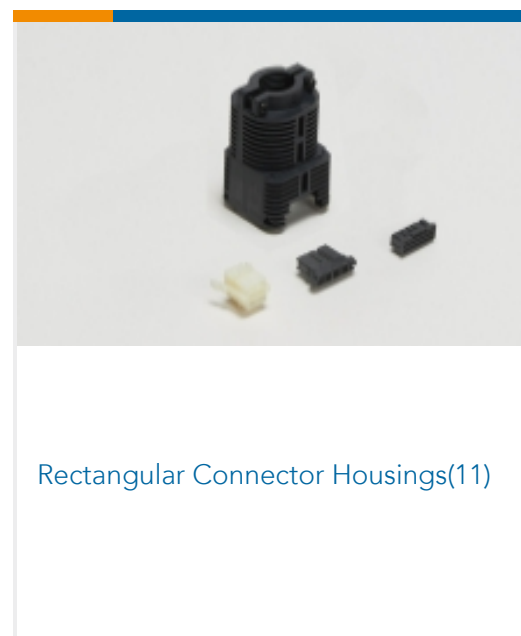
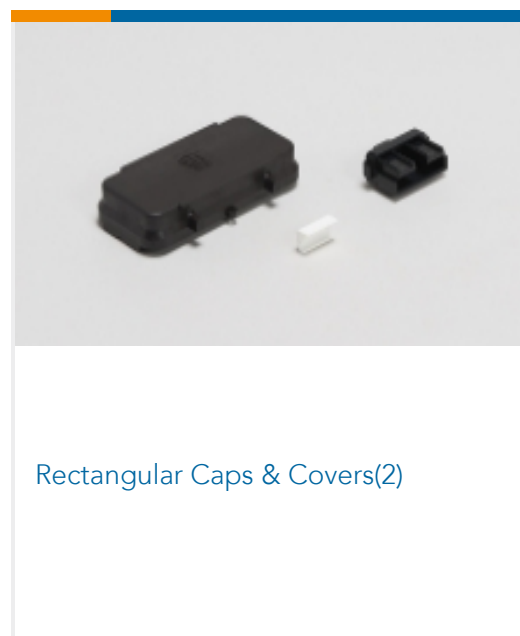
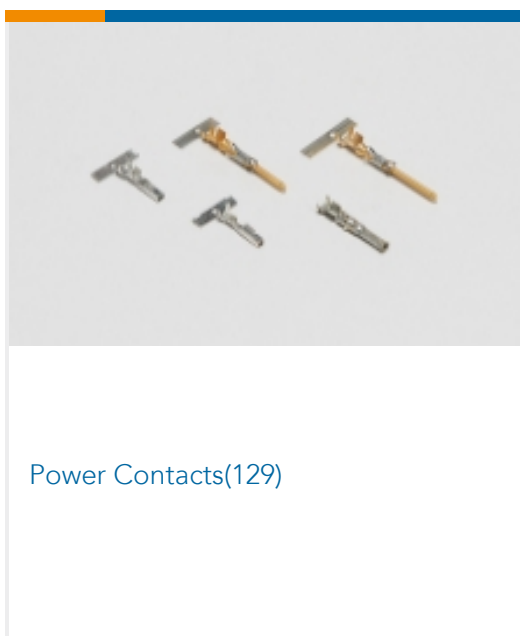
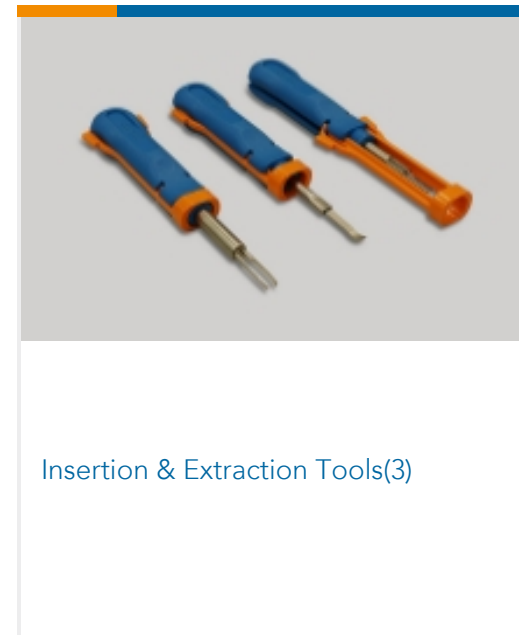
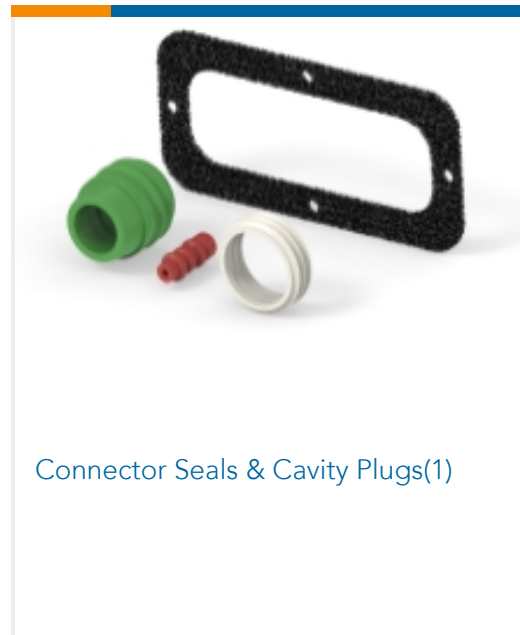
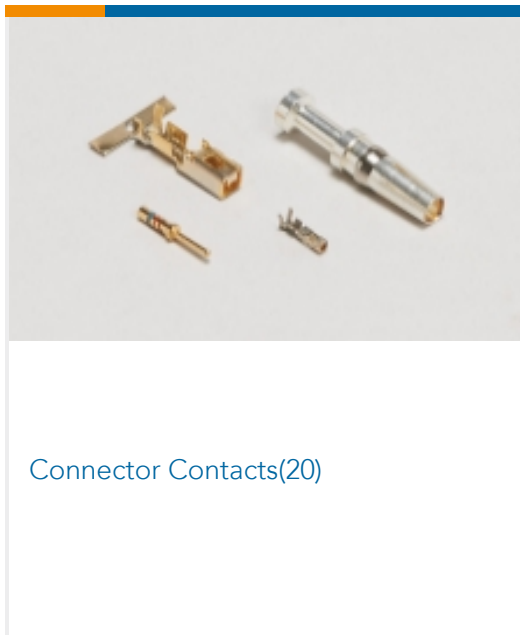
TE Part # 1-480278-0
12P CMNL CAP HSG P/M NATL



TE Part # 1-480425-0
04P CMNL PLUG HSG P/M NATL



Also in the Series | Commercial MATE-N-LOK

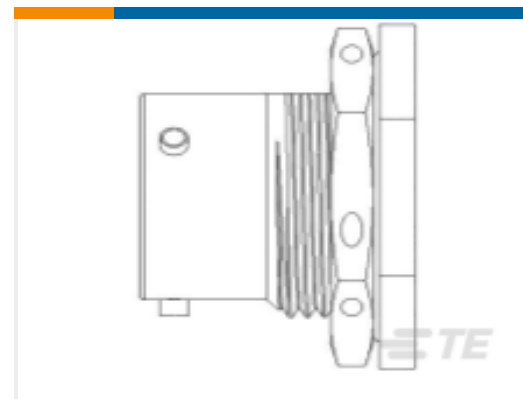


Customers Also Bought





TE Part #0004-058-100L
CONT PIN



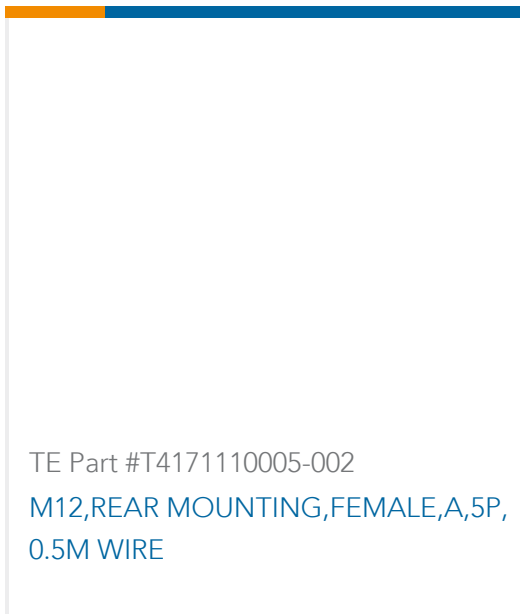
TE Part #YDL64H-12-12PNV001
HERM RECP



TE Part #1-1437558-3
MTA106EPC=(MSTA) SW TOG P/C TE



TE Part #0007-008-100L
CONT SOC ASSY



TE Part #T4171110005-002
M12,REAR MOUNTING,FEMALE,A,5P,
0.5M WIRE

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](#)

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3D

Customer View Model

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Customer View Model

[ENG_CVM_CVM_61117-7_BJ.3d_igs.zip](#)

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Customer View Model

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English



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Datasheets & Catalog Pages

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English

Product Specifications

[Application Specification](#)

English