61117-5 ✔ ACTIVE

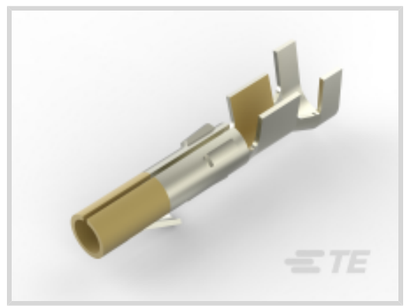
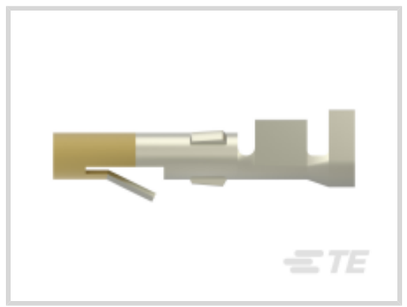
MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 61117-5

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

Electrical Characteristics

Operating Voltage	250 VAC

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	Matte
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 mm²

Usage Conditions

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

Operation/Application

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 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



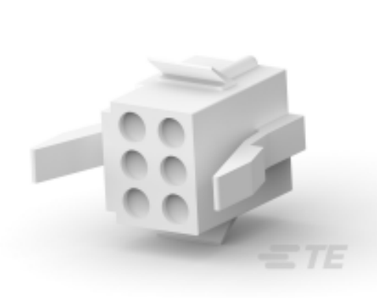
TE Part # 2151500-1
OCEAN_2.0_APPLICATOR-S-090F130F-RSM



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



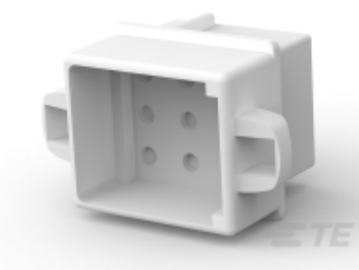
TE Part # 1-480284-0
08P CMNL CAP HSG M/M NATL



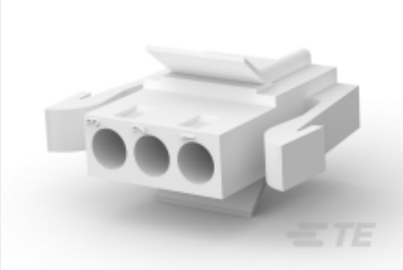
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16P CMNL PLUG HSG M/M NATL



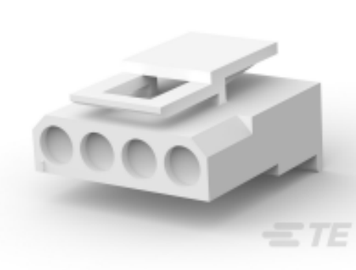
TE Part # 1-480683-0
02P CMNL PLUG HSG F/H NATL



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



TE Part # 1-480304-0
03P CMNL PLUG HSG P/M NATL



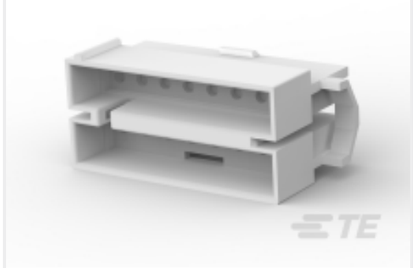
TE Part # 1-480722-0
04P CMNL PLUG HSG W/LCK NATL



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



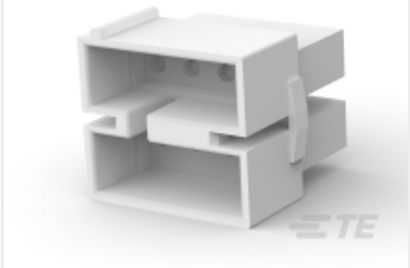
TE Part # 1-480285-0
10P CMNL PLUG HSG M/M NATL



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



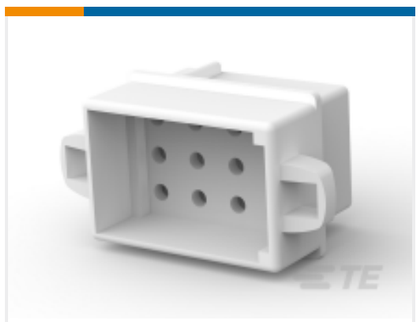
TE Part # 1-480393-1
02P CMNL PLUG HSG F/H BLK



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



TE Part # 1-480340-0
06P 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



TE Part # 1-480324-0
15P CMNL CAP HSG P/M NATL

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



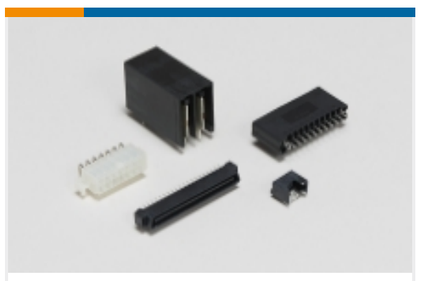
Crimp Wire Pins, Tabs & Ferrules(2)

Insertion & Extraction Tools(3)

Rectangular Connector Housings(9)

Rectangular Power Connectors(166)

Standard Circular Connectors(2)



Standard Rectangular Connectors(7)

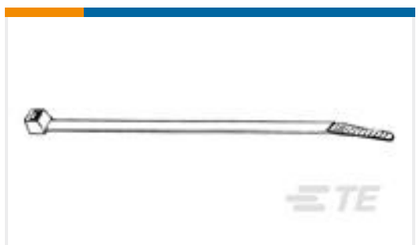
Customers Also Bought



TE Part #5227161-2
RTANG JK W/MTG PINS, BNC PCB



TE Part #2-1625984-5
HSA50 1R2 5%



TE Part #1-604771-0
CABLE TIE, 4" BLACK, 100PK



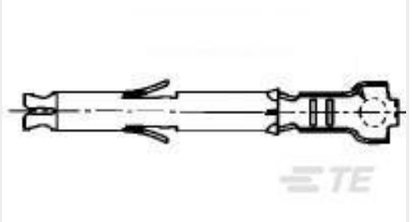
TE Part #770827-1
04P CMNL PLUG HSG 94-VO



TE Part #172156-1
1 CIR UNIV M-N-L CAP



TE Part #170364-4
MINI UNIVERSAL M-N-L PIN LP



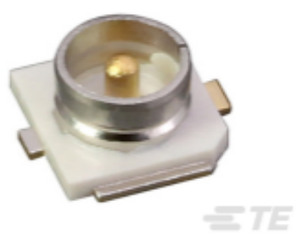
TE Part #170366-4
MINI UNIVERSAL M-N-L SOCKET LP



TE Part #2-2176326-1
CRGP 0603 470R 1%



TE Part #794132-1
04P CMNL CAP HSG



TE Part #CONMHF1-SMD-T
U.FL/MHF1 Jack 50 Ohm PCB Surface Mount

Documents

Product Drawings

CMNL SOK 20-14 AUBR

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_61117-5_AC.2d_dxf.zip

English

Customer View Model

ENG_CVM_61117-5_AC.3d_igs.zip

English

Customer View Model

ENG_CVM_61117-5_AC.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_61117-5_BJ.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61117-5_BJ.3d_igs.zip

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Customer View Model

ENG_CVM_CVM_61117-5_BJ.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English