163306-2 ✔ ACTIVE

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

TE Internal #: 163306-2

Tin (Sn), Socket Contact, 17 – 13 AWG, 1 – 2.5 mm² Wire, Locking Lance Contact Retention, Crimp, Brass, Power, Commercial MATE-N-LOK

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin-Lead**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

Features

Product Type Features

Discrete Wire Type	Stranded

Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Brass
Mating Pin Diameter	2.1 mm[.082 in]
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance

Wire Insulation Support	Without

Dimensions

Wire Size	1 – 2.5 mm²
Compatible Insulation Diameter Range	2.5 – 3.8 mm[.098 – .15 in]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	1000
Packaging Method	Carton

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



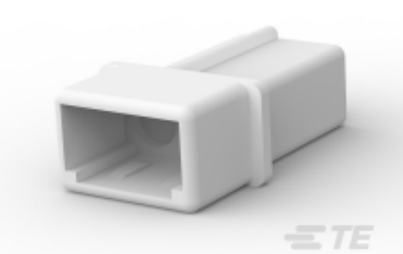
TE Part # 1-480350-6
01P CMNL CAP HSG F/H BLU



TE Part # 1-480349-2
01P CMNL PLUG HSG F/H RED



TE Part # 1-480426-9
04P CMNL CAP HSG F/H BLK



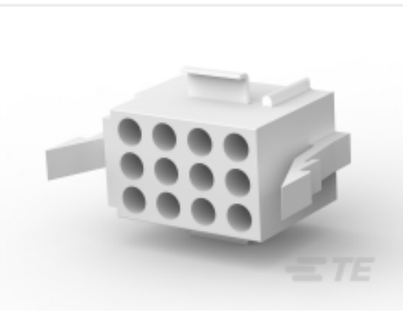
TE Part # 170924-1
MNL 2 POS NATURAL PIN HSG



TE Part # 90575-1
SDE UMNL 20-14 AWG ASSY



TE Part # 1-171197-0
9 POS MATE-N-LOK S



TE Part # 1-480275-0
12P CMNL PLUG HSG P/M NATL



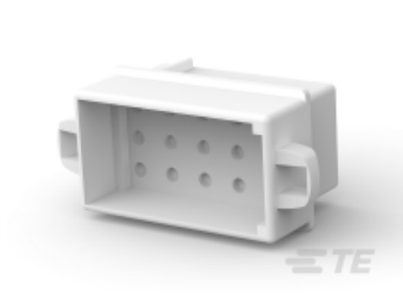
TE Part # 1-480304-0
03P CMNL PLUG HSG P/M NATL



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



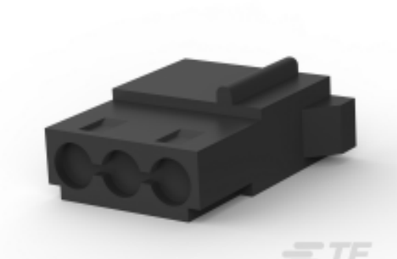
TE Part # 1-480319-0
02P CMNL CAP HSG NATL



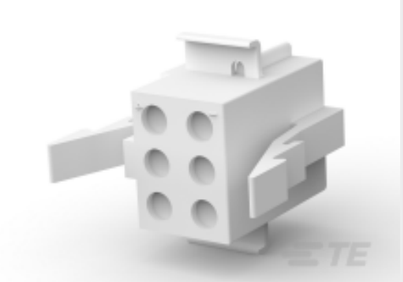
TE Part # 1-480324-0
15P CMNL CAP HSG P/M NATL



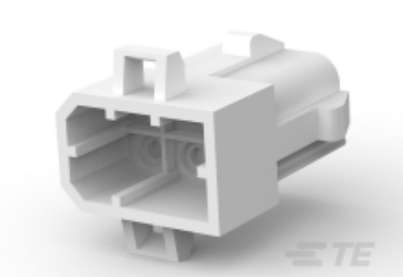
TE Part # 1-480339-0
10P CMNL CAP HSG F/H NATL



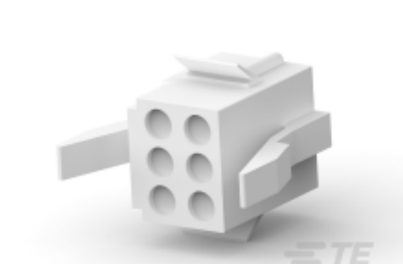
TE Part # 1-480303-9
03P CMNL PLUG HSG F/H BLK



TE Part # 1-480690-0
06P CMNL PLUG HSG D/L PM NAT



TE Part # 171383-1
6 CIRCUIT M-N-L CAP



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



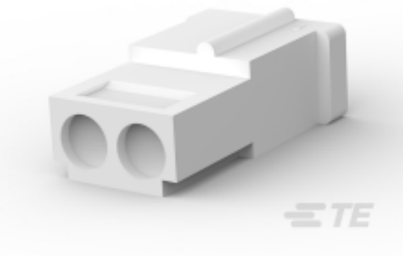
TE Part # 3-480426-0
04P CMNL CAP HSG, H-TEMP



TE Part # 1-480349-0
01P CMNL PLUG HSG F/H NATL



TE Part # 1-480400-0
01P CMNL PLUG HSG F/H BLK

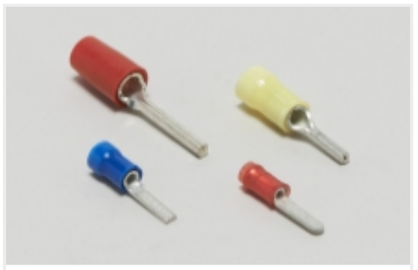


TE Part # 1-480683-0
02P CMNL PLUG HSG F/H NATL

Also in the Series | Commercial MATE-N-LOK



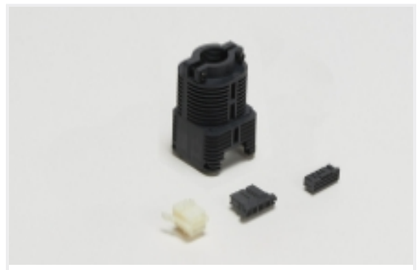
Connector Contacts(150)



Crimp Wire Pins, Tabs & Ferrules(2)



Power Contacts(146)



Rectangular Connector Housings(118)

Rectangular Power Connectors(181)

Standard Circular Connectors(2)

Standard Rectangular Connectors(126)

Customers Also Bought



TE Part #0021032009
RBK-ILS-125-NR3-0-STK



TE Part #803783-SF
FN9222SR-15-06



TE Part #214039-E
SRCP 1,27 8 F 1 I2426 137 * 162 1,07 TRA



TE Part #800321-SF
FN1394-2.5-05-11

TE Part #280232
250 FASTON POST INS.,REC.,1 POS, NATRUAL

TE Part #282847-8
TERMI-BLOK PCB MOUNT 35 8P.5

TE Part #1-480426-0
04P CMNL CAP HSG F/H NATL

TE Part #1879338-3
CPF 0603 28K 1% 50PPM 1K RL



TE Part #2029030-3
3P MICRO MNL HDR ASY SR SIDE L

TE Part #063206-000
ENC-44/ADH-0

Documents

Product Drawings

MATENLOK SOCK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163306-2_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163306-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163306-2_H.3d_stp.zip

English

Customer View Model

ENG_CVM_163306-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_163306-2_B.3d_stp.zip

English

Customer View Model

ENG_CVM_163306-2_B.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English