61118-1 ✔ ACTIVE

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

TE Internal #: 61118-1

Pin Contact, Tin, 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: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Dimensions

Compatible Insulation Diameter Range	3.3 mm[.13 in]
Wire Size	.52 – 2.08 mm²

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Contact Features

Contact Orientation	Straight
Mating Pin Diameter	2.13 mm[.084 in]

Wire Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Round
Wire Contact Termination Area Plating Thickness	.508 – .812 µm[20 – 32 µin]
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	15 A

Electrical Characteristics

Operating Voltage	250 VAC

Termination Features

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

Usage Conditions

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

Operation/Application

Circuit Application	Power

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



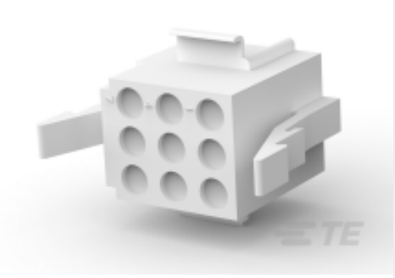
TE Part # 91504-1
CCII CMNL MNL PIN SKT 20-14 ASSY



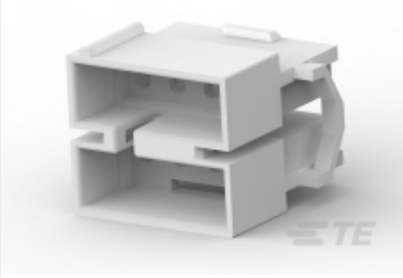
TE Part # 455830-1
INSERTION TOOL



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



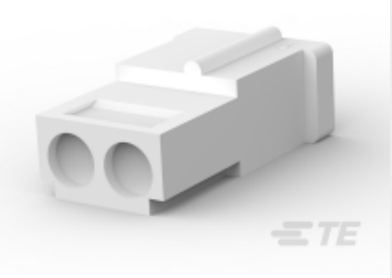
TE Part # 1-480274-0
09P CMNL PLUG HSG P/M NATL



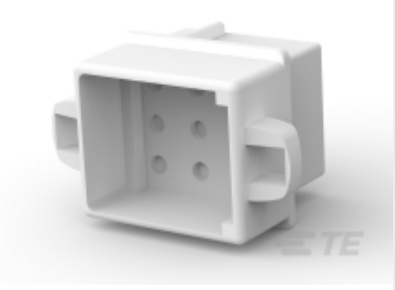
TE Part # 1-480284-0
08P CMNL CAP HSG M/M NATL



TE Part # 1-480438-0
16P CMNL PLUG HSG M/M NATL



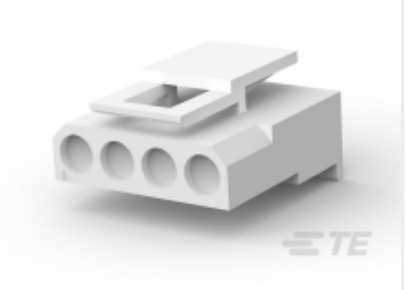
TE Part # 1-480683-0
02P CMNL PLUG HSG F/H NATL



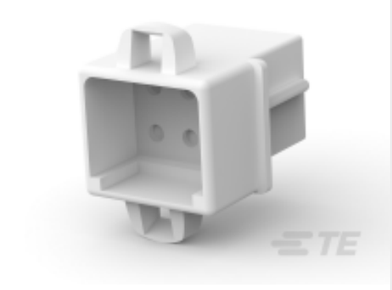
TE Part # 1-480277-0
09P CMNL CAP HSG P/M NATL



TE Part # 1-480304-0
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



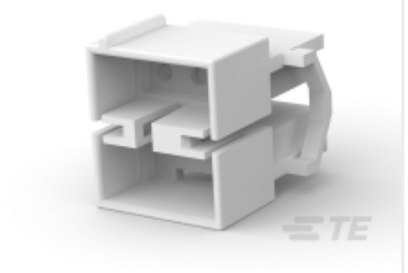
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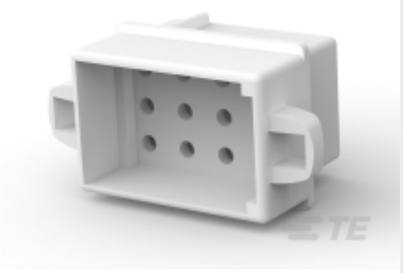
TE Part # 1-480393-1
02P CMNL PLUG HSG F/H BLK



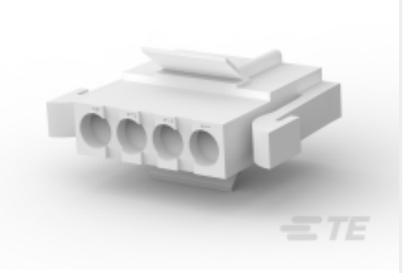
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08P CMNL CAP HSG F/H NATL



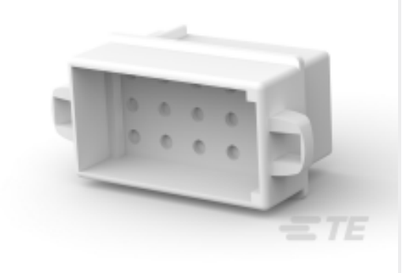
TE Part # 1-480340-0
06P CMNL CAP HSG F/H NATL



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



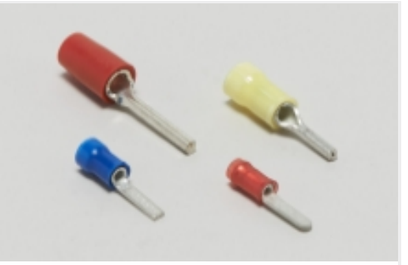
Connector Caps & Covers(2)



Connector Contacts(150)



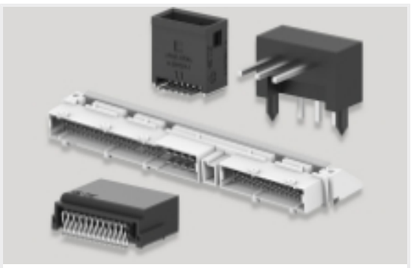
Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



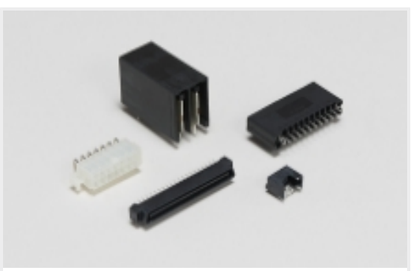
Rectangular Connector Housings(9)



Rectangular Power Connectors(115)



Standard Circular Connectors(2)



Standard Rectangular Connectors(2)

Customers Also Bought



TE Part #1-480303-0
03P CMNL PLUG HSG F/H NATL



TE Part #1-480318-9
02P CMNL PLUG HSG F/H BLK



TE Part #1-480350-0
01P CMNL CAP HSG F/H NATL



TE Part #1-480351-0
01P CMNL CAP HSG NATL



TE Part #63564-1
SPLICE AMVAR 2000-5400 020BR



TE Part #40955
RING 20-16 AWG .0295 X .390 TPBR



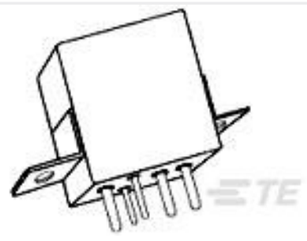
TE Part #41333
RING 18-14 AWG TPBR



TE Part #60771-1
RING CRIMP 18-14 AWG BR



TE Part #2132781-2
02P EP-II HOUSING, NATURAL



TE Part #4-1617748-6
FCA-125-5=M6106/19-005

Documents

Product Drawings

MNL PIN 20-14 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_61118-1_BH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61118-1_BH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_61118-1_BH.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English