1-480318-9 ✔ ACTIVE

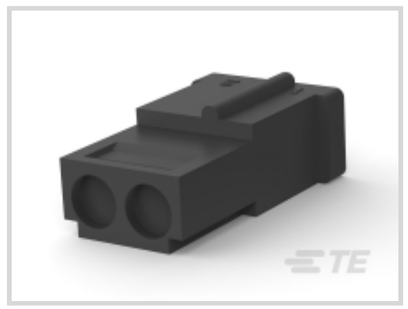
MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 1-480318-9

Housing, Plug, Wire-to-Wire, 2 Position, 5.08 mm [.2 in] Centerline, Wire & Cable, UL 94V-2, Commercial MATE-N-LOK, Rectangular Power Connectors

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors





EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
Housing Color	Black
Housing Material	Nylon 6/6

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	With

Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized, Certified
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 16455
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

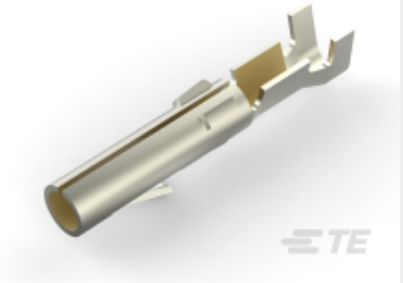
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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

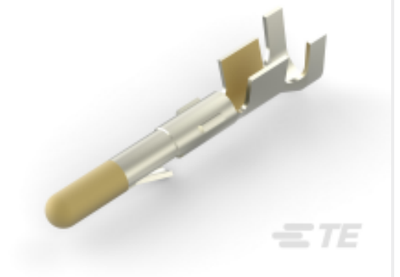
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 60619-5
CMNL SOK AUBR L/P



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



TE Part # 60618-5
CMNL PIN AUBR L/P

TE Part # 60618-4
CMNL PIN PTPPHBZL/P

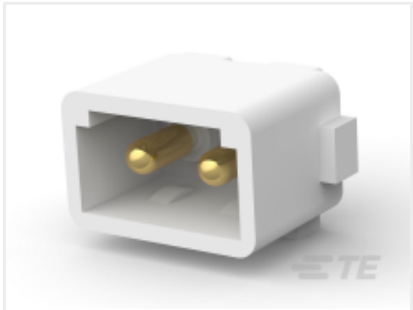
TE Part # 60617-4
CMNL SOK PTPPHBZ L/P

TE Part # 61174-1
CMNL PIN L/P PTBR

TE Part # 61173-1
CMNL SOK 30-22 PTBR L/P

TE Part # 60619-1
CMNL SOK PTPBR L/P

TE Part # 60620-1
CMNL PIN 20-14 TPBR L/P



TE Part # 1586512-2
02P CMNL HDR ASSY PC NATL LF

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

TE Part # 794120-1
02P CMNL PC HDR ASSY RA

TE Part # 60620-4
CMNL PIN 20-14 TPPHBZ L/P

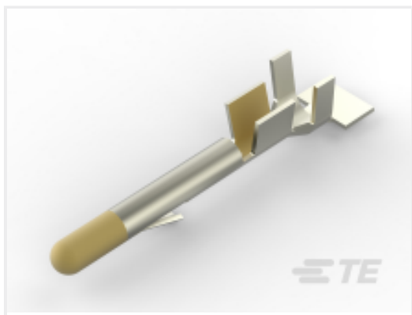
TE Part # 350209-1
02P CMNL HDR ASSY PC NATL

TE Part # 163304-2
MATENLOK SOCKET SDW

TE Part # 163305-2
MATENLOK PIN SDW

TE Part # 60619-4
CMNL SOK PTPPHBZ L/P

TE Part # 1-480319-9
02P CMNL CAP HSG F/H BLK

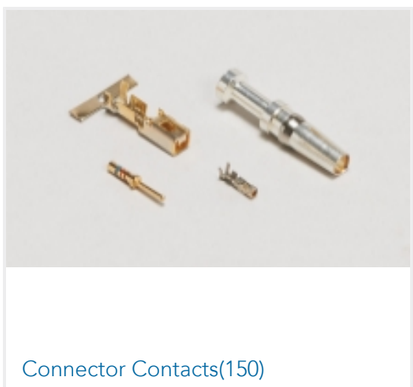


TE Part # 61118-5
CMNL PIN 20-14 AUNIBR

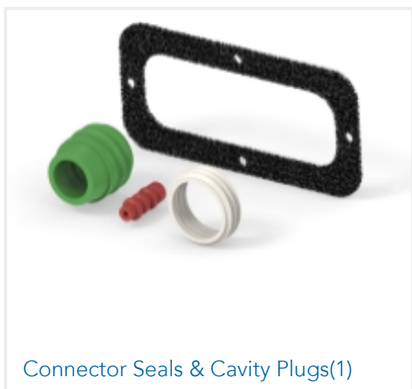
TE Part # 61314-6
CMNL SOK S/F 24-18 .0125AUPHBZ

Also in the Series | Commercial MATE-N-LOK

Connector Caps & Covers(2)



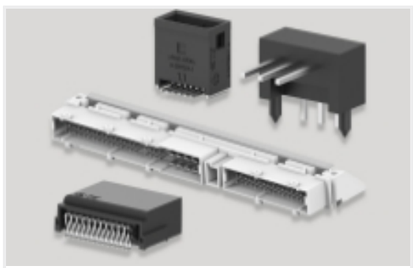
Connector Contacts(150)



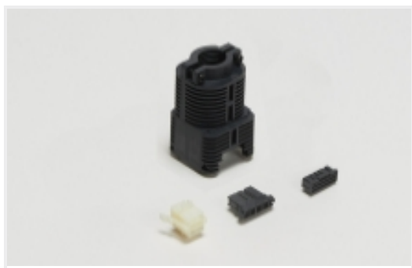
Connector Seals & Cavity Plugs(1)

Crimp Wire Pins, Tabs & Ferrules(2)

Insertion & Extraction Tools(3)



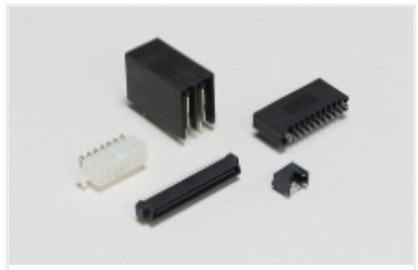
PCB Headers & Receptacles(56)



Rectangular Connector Housings(9)

Rectangular Power Connectors(115)

Standard Circular Connectors(2)



Standard Rectangular Connectors(2)

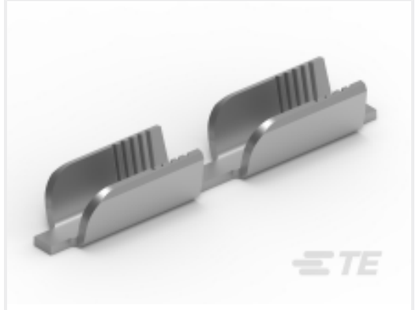
Customers Also Bought

TE Part #60619-1
CMNL SOK PTPBR L/P

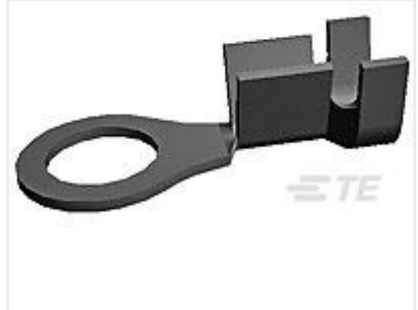
TE Part #60620-1
CMNL PIN 20-14 TPBR L/P

TE Part #1-480319-9
02P CMNL CAP HSG F/H BLK

TE Part #61118-1
MNL PIN 20-14 TPBR



TE Part #2825180-2
FINE MAGWIRE SPLICE, MINI-MAG SERRATION



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 #2154829-1
High Power Inverted Thru Board Con 2 Pos

TE Part #2119580-1
MECHANICAL FEED ASSEMBLY

Documents

Product Drawings

02P CMNL PLUG HSG F/H BLK

English

CAD Files

Customer View Model

ENG_CVM_1-480318-9_R.3d_stp.zip

English

Customer View Model

ENG_CVM_1-480318-9_R.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_1-480318-9_R.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-480318-9_AL.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-480318-9_AL.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-480318-9_AL.3d_stp.zip

English

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English