1-171196-0 ✔ ACTIVE

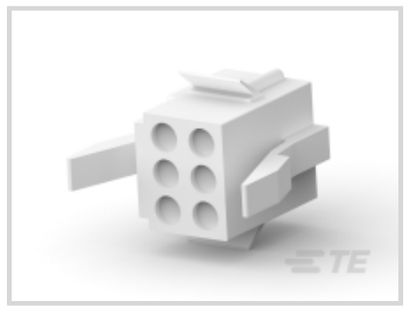
MATE-N-LOK | Commercial MATE-N-LOK

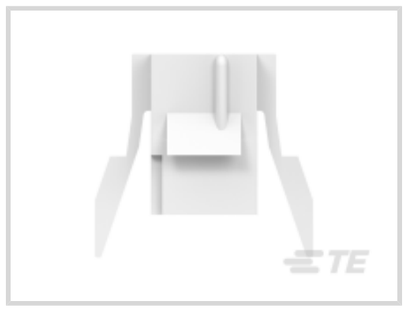
TE Internal #: 1-171196-0

6 Position, Plug, Housing, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-2, 5.1 mm [.202 in] Centerline, 2 Row, 250 VAC, Commercial MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Termination Method to Wire & Cable: **Crimp**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Natural

Contact Features

Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Locking Leg
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	5.1 mm[.202 in]
Housing Material	Nylon

Dimensions

Panel Thickness (Recommended)	.64 – 1.65 mm[.025 – .065 in]
Connector Width	16.51 mm
Connector Height	21.6 mm
Connector Length	19.4 mm
Row-to-Row Spacing	6.1 mm[.24 in]

Usage Conditions

Operating Temperature Range	0 – 105 °C[32 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	With

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Certified, Recognized
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	500
Packaging Method	Bag

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	有害物质含量符合标准要求 No Restricted Substance(s) 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



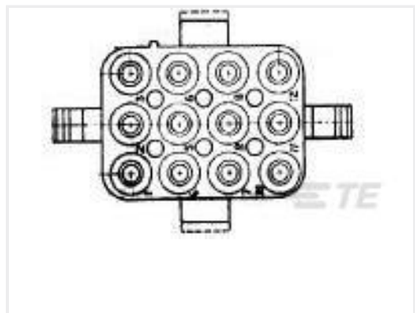
TE Part # 163305-4
PIN MATE-N-LOK



TE Part # 163302-4
MATE-N-LOK SOCKET



TE Part # 163306-2
MATENLOK SOCK



TE Part # 1-163032-0
MATEN LOK HOUSING



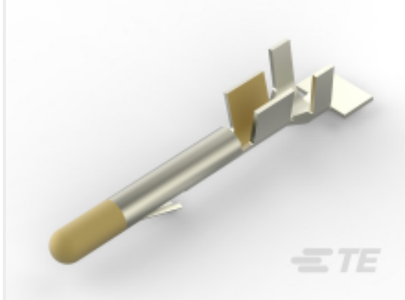
TE Part # 60620-4
CMNL PIN 20-14 TPPHBZ L/P



TE Part # 61314-1
CMNL SOK 24-18 TPBR



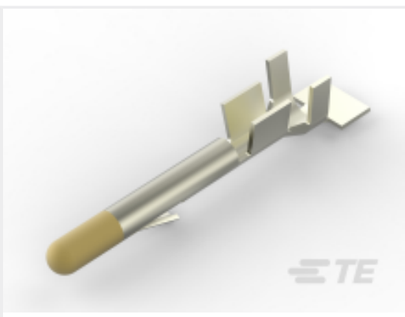
TE Part # 61116-2
CMNL PIN 24-18 BR



TE Part # 61118-6
CMNL PIN 20-14 AUNIPHBZ



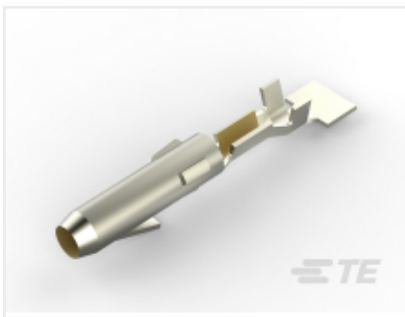
TE Part # 61314-2
CMNL SOK 24-18 BR



TE Part # 61118-7
CMNL PIN 20-14 AUNIBR



TE Part # 61118-2
CMNL PIN 20-14 BR



TE Part # 61173-5
CMNL SOK 30-22 AUNIBR L/P



TE Part # 60618-6
CMNL PIN AUPHBZ L/P



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



TE Part # 60617-6
CMNL SOK AUPHBZ L/P



TE Part # 163303-8
MATENLOK.PIN



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



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



TE Part # 350639-1
MNL PIN PTPBR

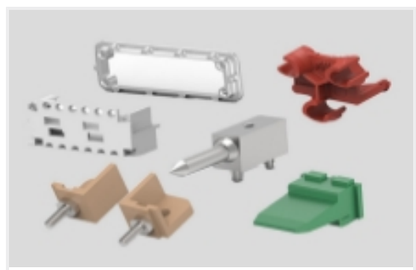


TE Part # 350079-4
CMNL PIN 30-22 PTPHBZ

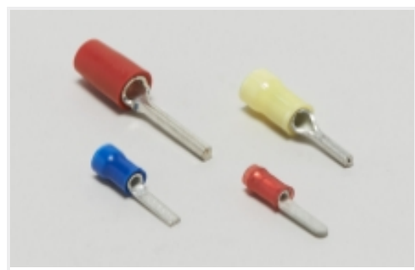
Also in the Series | Commercial MATE-N-LOK



Connector Contacts(150)



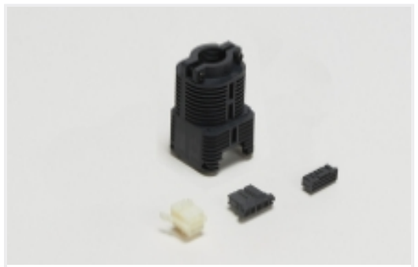
Connector Hardware(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Power Contacts(146)



Rectangular Connector Housings(118)



Rectangular Power Connectors(181)



Standard Circular Connectors(2)

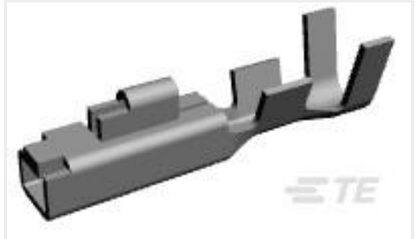
Customers Also Bought



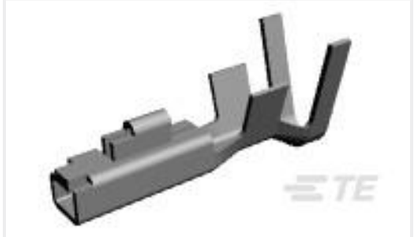
TE Part #52041
TERMINAL,R PG 8 8



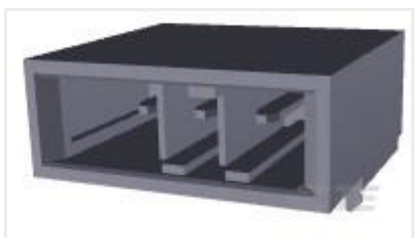
TE Part #60620-5
CMNL PIN 20-14 AUBR L/P



TE Part #175155-1
UNIV POWER REC CONT L/P



TE Part #175156-1
UNIV POWER REC CONT L/P



TE Part #1-178138-3
DYNAMIC 3200 HDR H 3P ASSY PdNi & Au



TE Part #321035
PIDG 26-22 SPADE #4 STUD



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



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



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



TE Part #535090-4
096 EURO TYPE C RECEPT ST ASSY

Documents

Product Drawings

6 POS MATE-N-LOK S

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-171196-0_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-171196-0_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-171196-0_C.3d_stp.zip

English

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Product Specifications

Application Specification

English