770827-1 ✔ ACTIVE

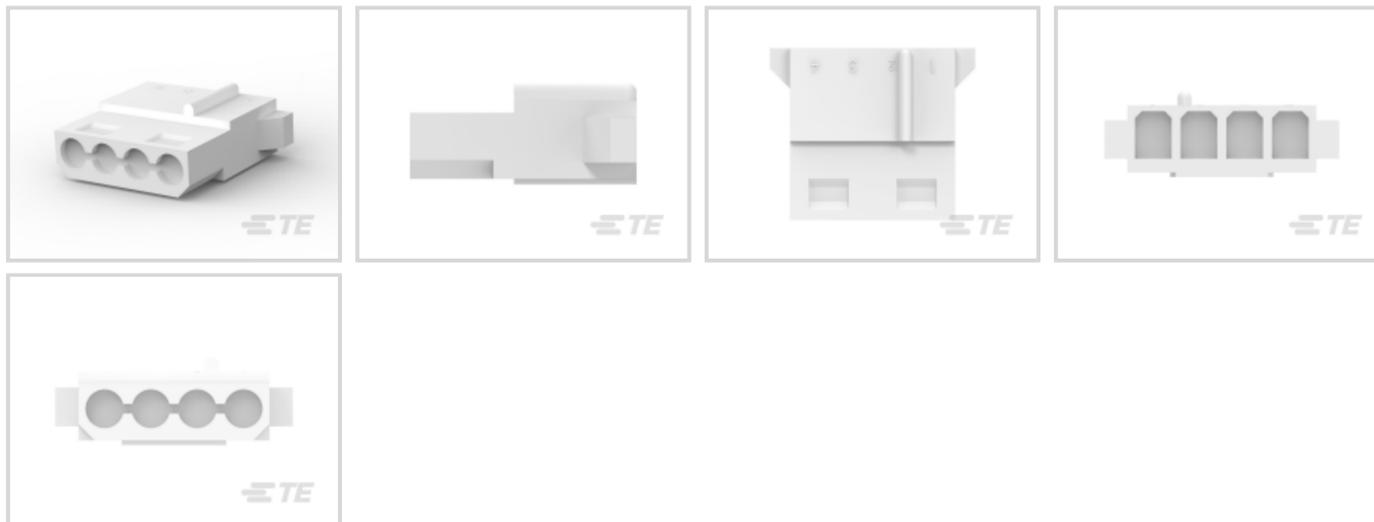## MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 770827-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 4 Position, 5.08 mm [.2 in] Centerline, Wire & Cable, UL 94V-0, Commercial MATE-N-LOK

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **4**

Centerline (Pitch):   **5.08 mm [.2 in]**

Features

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	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Socket

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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	White
Housing Material	Nylon

Dimensions

	.245 in

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

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
UL Rating	Certified, Recognized
Agency/Standard Number	E28476
CSA File Number	LR16455
VDE Tested	No
Agency/Standard	CSA, UL

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

For Use With	Pin (Cap) Housing

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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 1-641737-1
04P CMNL HDR ASSY R/A V0

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

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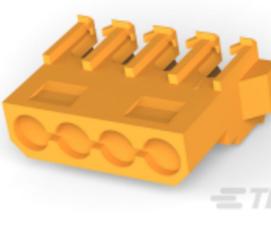CMNL SOK PTPPHBZ L/P

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 # 794036-1
4P CMNL IDC PLUG 18AWG ORG V0

TE Part # 794036-4
4P CMNL IDC PLUG 16AWG BLU V0

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

TE Part # 60620-4
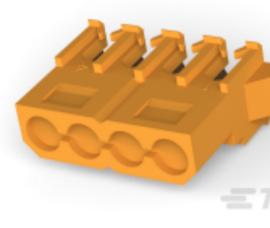CMNL PIN 20-14 TPPHBZ L/P
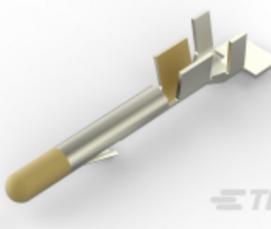
TE Part # 163304-2
MATENLOK SOCKET SDW

TE Part # 163305-2
MATENLOK PIN SDW

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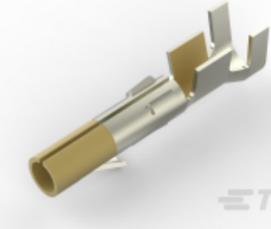CMNL SOK PTPPHBZ L/P

TE Part # 770156-3
4P CMNL IDC PLUG 18AWG ORG V2

TE Part # 61118-5
CMNL PIN 20-14 AUNIBR
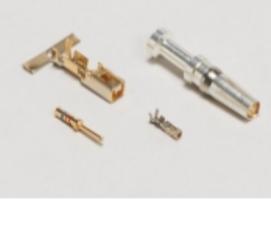
TE Part # 61314-6
CMNL SOK S/F 24-18 .0125AUPHBZ

TE Part # 61117-5
CMNL SOK 20-14 AUBR

TE Part # 350557-4
MNL SOK SPECIAL .0125PTPPHBZ

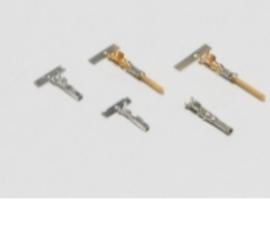## Also in the Series | Commercial MATE-N-LOK

Connector Contacts(26)

Crimp Wire Pins, Tabs & Ferrules(3)
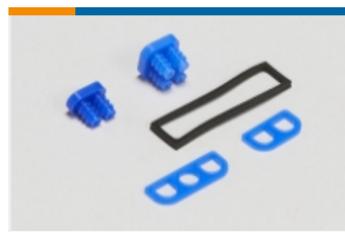
Insertion & Extraction Tools(5)

Power Contacts(129)

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Rectangular Caps & Covers(2)

Rectangular Connector Housings(17)

Rectangular Connector Seals(1)

Rectangular Power Connectors(170)

Standard Circular Connectors(4)

Standard Rectangular Connectors(10)

Wire-to-Board Connector Contacts(1)

Documents

Product Drawings

04P CMNL PLUG HSG 94-VO

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_770827-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_770827-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_770827-1_B.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770827-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770827-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770827-1_E.3d_stp.zip

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English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_770827-1_06112018656_dmtec

English

MD_770827-1_06112018656_dmtec

English

Agency Approvals

CSA Certificate

English