

1-480690-0 ✓ ACTIVE

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

TE Internal #: 1-480690-0

Wire-to-Panel / Wire-to-Wire, 6 Position, 5.1 mm [.202 in]

Centerline, 2 Row, Nylon, Receptacle, Commercial MATE-N-LOK,
Rectangular Connector Housings

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Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **6**

Centerline (Pitch): **5.1 mm [.202 in]**

Number of Rows: **2**

Housing Material: **Nylon**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Housing Features

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

Contact Features

Contact Type	Socket
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Operation/Application

Circuit Application	Power
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Mechanical Attachment

Connector Mounting Type	Panel Mount
Panel Mount Feature Type	Locking Leg

Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	250 VAC
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Dimensions

Row-to-Row Spacing	6.09 mm[.24 in]
Panel Thickness (Recommended)	.64 – 1.65 mm[.025 – .065 in]

Identification Marking

Circuit Identification Feature	With
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Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Flammability Rating	UL 94V-2
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 16455

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

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



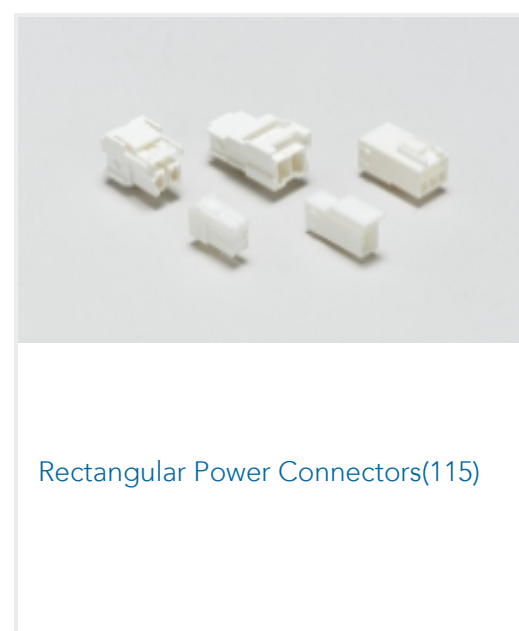
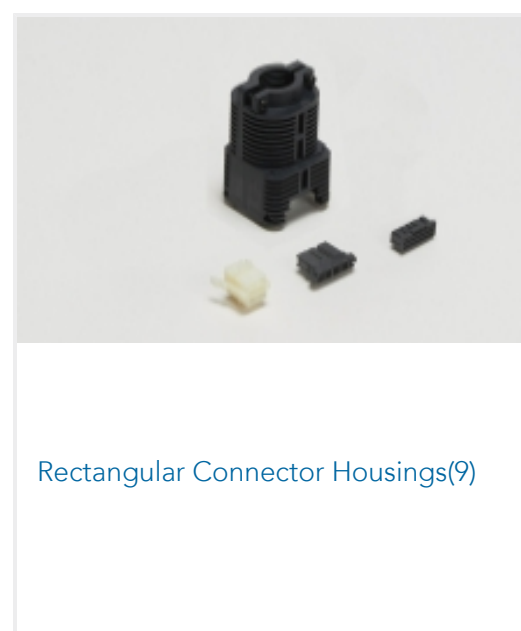
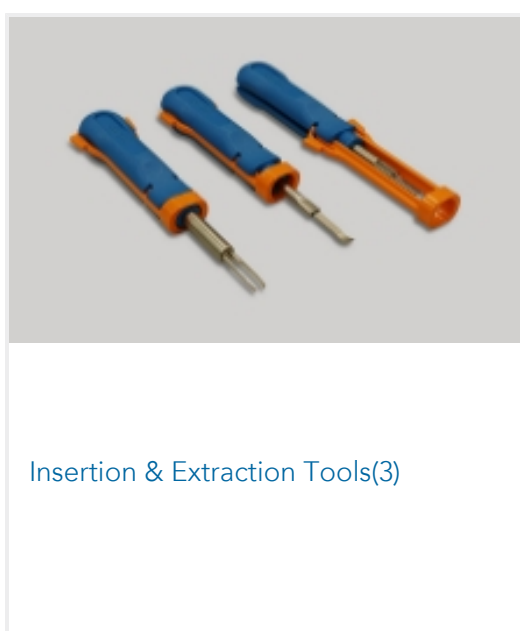
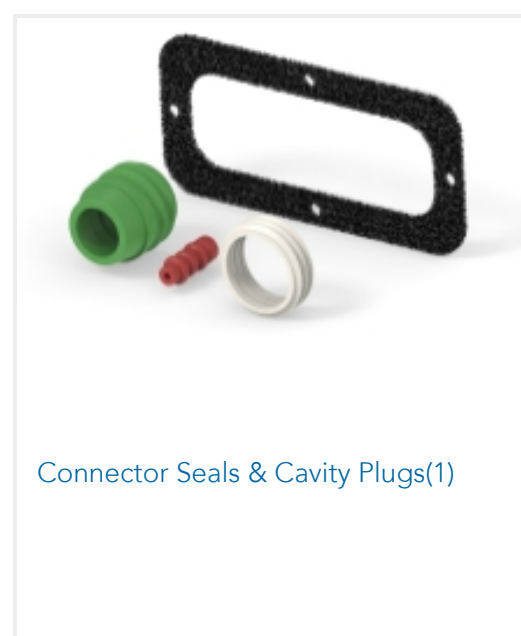
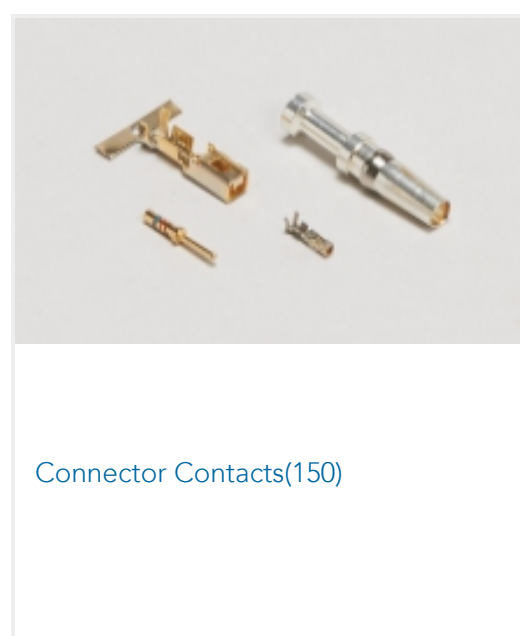
TE Part # 61173-1
CMNL SOK 30-22 PTBR L/P



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

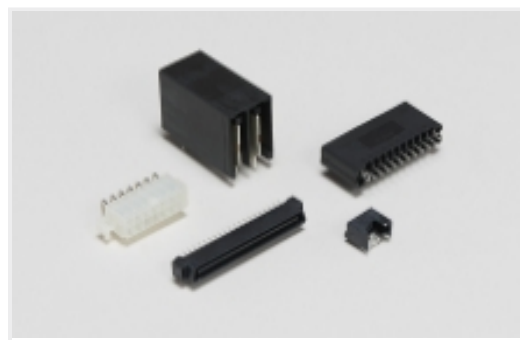


Also in the Series | **Commercial MATE-N-LOK**





Standard Circular Connectors(2)



Standard Rectangular Connectors(2)

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

[06P CMNL PLUG HSG D/L PM NAT](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-480690-0_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-480690-0_J.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-480690-0_J.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_1-480690-0_V.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480690-0_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480690-0_V.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English