

1-480697-0  ACTIVE

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

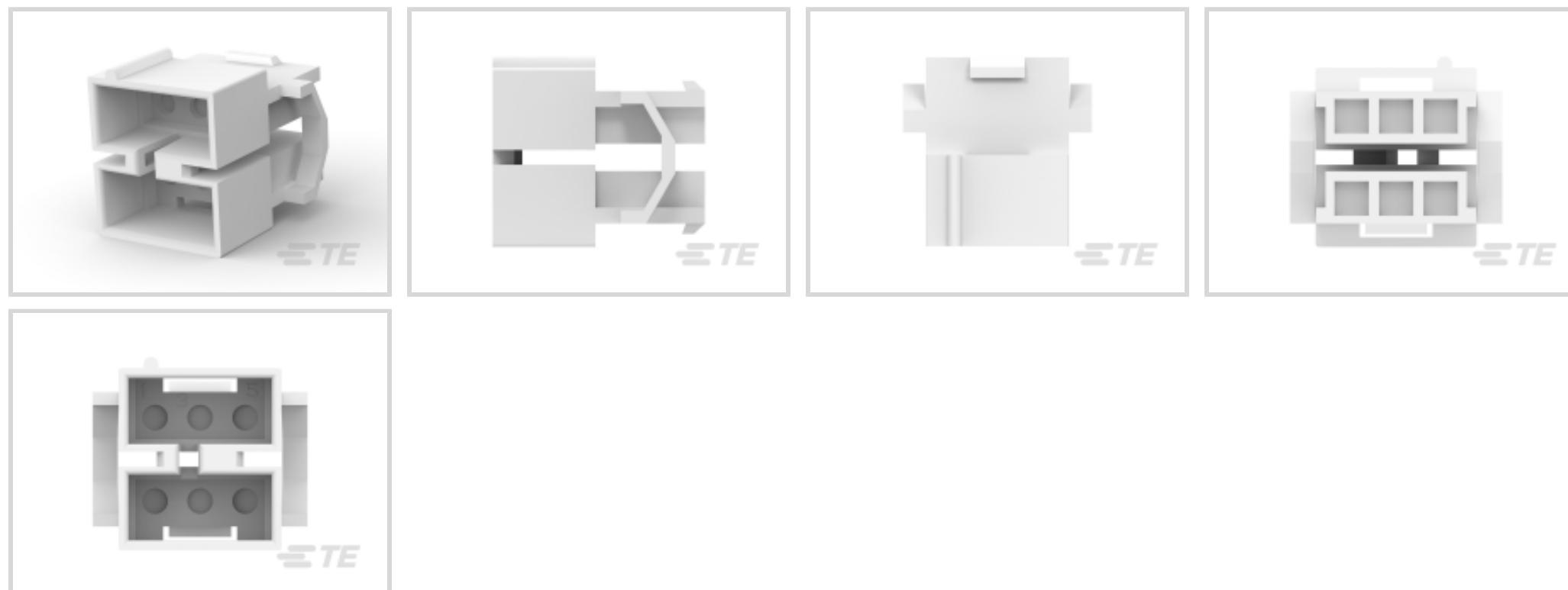
TE Internal #: 1-480697-0

Rectangular Connector Housings, Wire-to-Wire / Wire-to-Panel, 6 Position, .195 in [4.95 mm] Centerline, 3 Row, Nylon GF, Plug, Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **6**

Centerline (Pitch): **4.95 mm [.195 in]**

Number of Rows: **3**

Housing Material: **Nylon GF**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Type	Pin
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Mechanical Attachment

Panel Mount Feature Type	Locking Ear
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Connector Mounting Type

Cable Mount (Free-Hanging), Panel Mount

Housing Features

Housing Color

Natural

Centerline (Pitch)

4.95 mm [.195 in]

Housing Material

Nylon GF

Dimensions

Panel Thickness (Recommended)

1.02 – 2.54 mm [.04 – .1 in]

.705 in

Row-to-Row Spacing

9.14 mm [.36 in]

Usage Conditions

Operating Temperature Range

-55 – 105 °C [-67 – 221 °F]

Operation/Application

Circuit Application

Power

Identification Marking

Circuit Identification Feature

With

Industry Standards

CSA Rating

LR 16455

Agency/Standard

CSA, UL

Approved Standards

UL E28476

UL Flammability Rating

UL 94V-2

Packaging Features

Packaging Quantity

1

Packaging Method

Package

Product ComplianceFor 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 2023
(235)Candidate List Declared Against: JUNE
2023 (235)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per
homogenous material. Also BFR/CFR/PVC
Free

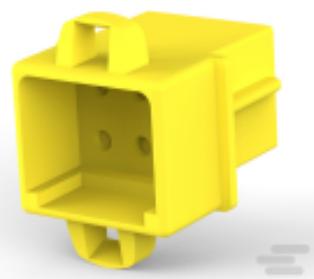
Solder Process Capability

Not applicable for solder process capability

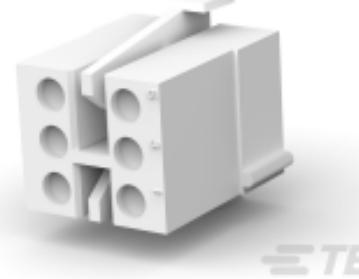
Product Compliance Disclaimer

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 # 1-480276-4
06P CMNL CAP HSG P/M YELL



TE Part # 1-480696-0
06P CMNL PLUG HSG M-M D/L NATL

Also in the Series | Commercial MATE-N-LOK



Connector Contacts(20)



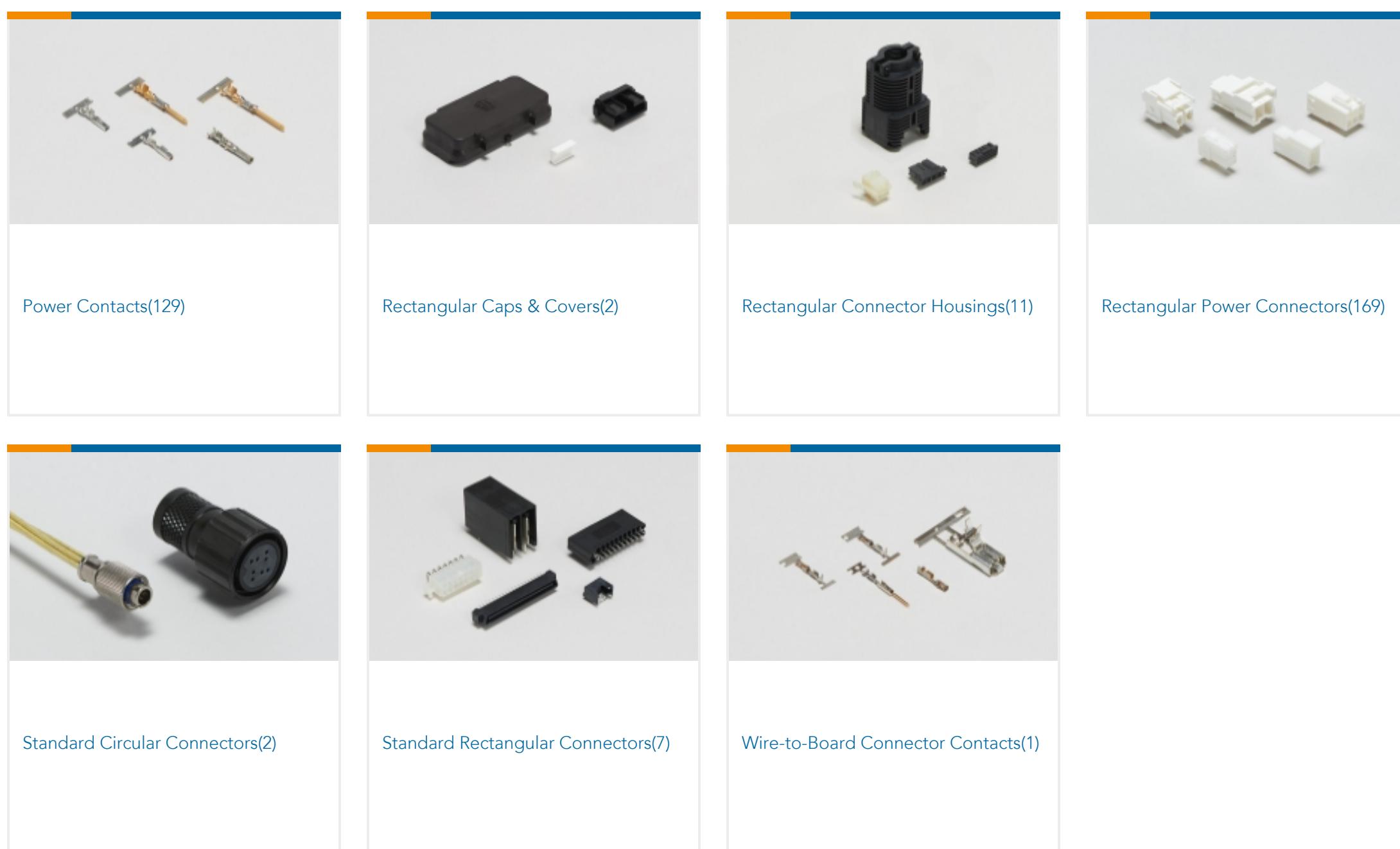
Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_1-480697-0_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-480697-0_N.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-480697-0_N.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-480697-0_AJ.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480697-0_AJ.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480697-0_AJ.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English