

2-480390-1 ✓ ACTIVE

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

TE Internal #: 2-480390-1

Rectangular Connector Housings, Wire-to-Wire, 5 Position, .195 in [4.95 mm] Centerline, 1 Row, Nylon, Plug, Socket, Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **5**

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

Number of Rows: **1**

Housing Material: **Nylon**

Features

Product Type Features

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

Configuration Features

Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Inline
Contact Type	Socket



Mechanical Attachment

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

Housing Features

Centerline (Pitch)	4.95 mm [.195 in]
Housing Material	Nylon
Housing Color	Black

Usage Conditions

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

Circuit Application	Power
For Use With	Pin (Cap) Housing

Identification Marking

Circuit Identification Feature	With
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Industry Standards

CSA Rating	LR 16455
Agency/Standard	CSA, UL
CSA File Number	LR16455
VDE Tested	No
UL File Number	E28476
UL Flammability Rating	UL 94V-2
UL Rating	Certified, Recognized

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 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

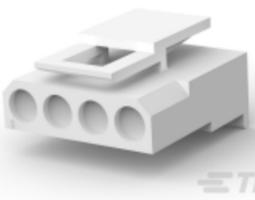
Solder Process Capability

Not applicable for solder process capability

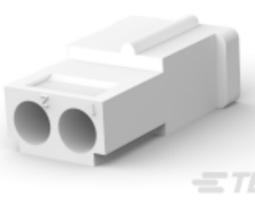
Product Compliance Disclaimer

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>

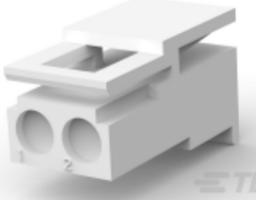
Compatible Parts



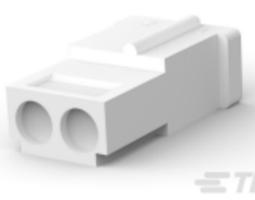
TE Part # 1-480722-0
04P CMNL PLUG HSG W/LCK NATL



TE Part # 1-480393-1
02P CMNL PLUG HSG F/H BLK



TE Part # 1-480720-0
02P CMNL PLUG HSG W/LOK NATL



TE Part # 1-480318-0
02P CMNL PLUG HSG F/H NATL



TE Part # 1-480287-0
12P CMNL PLUG HSG M/M NATL



TE Part # 1-480388-0
03P CMNL PLUG HSG F/H BLK



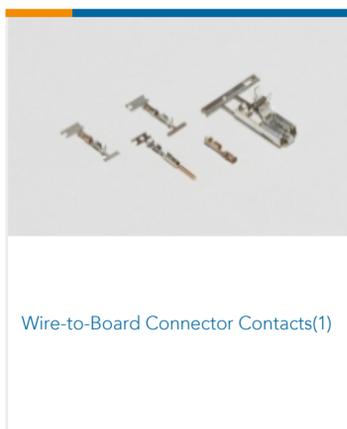
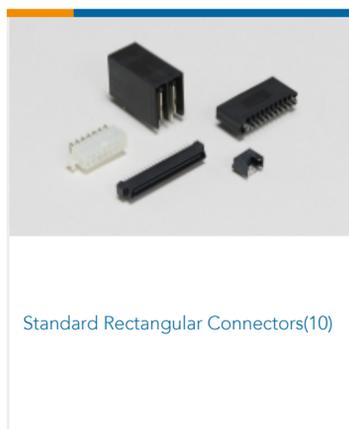
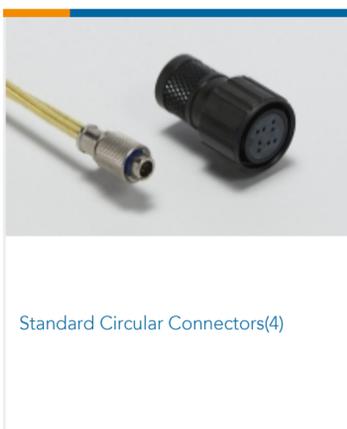
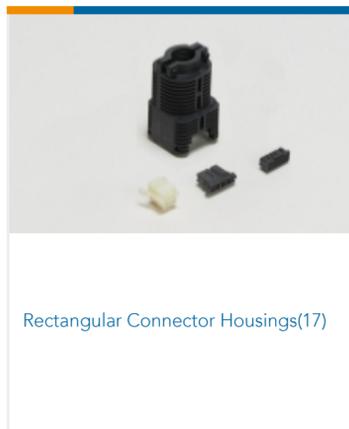
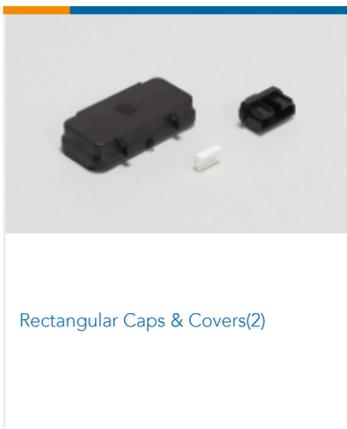
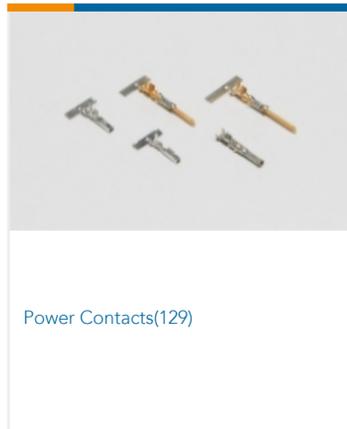
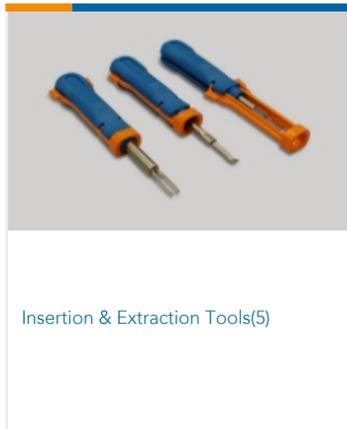
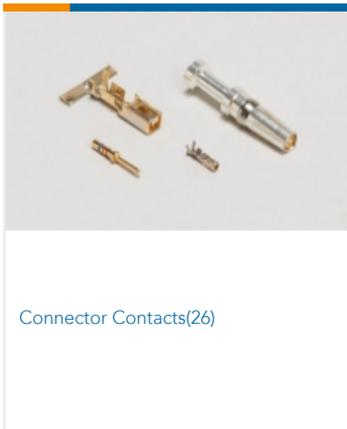
TE Part # 1-480303-9
03P CMNL PLUG HSG F/H BLK



TE Part # 1-163035-9
M-N-L CAP, 6 CIR



Also in the Series | Commercial MATE-N-LOK



Documents

Product Drawings

[05P CMNL PLUG M/M BLK HT](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_2-480390-1_E.2d_dxf.zip](#)

English



3D PDF

English

Customer View Model

[ENG_CVM_2-480390-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2-480390-1_E.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-480390-1_Z.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-480390-1_Z.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-480390-1_Z.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

10 CIRCUIT MATE-N-LOK CONNECTOR

English

Agency Approvals

[Agency Approval Document](#)

English