2-480390-1 ✔ ACTIVE

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

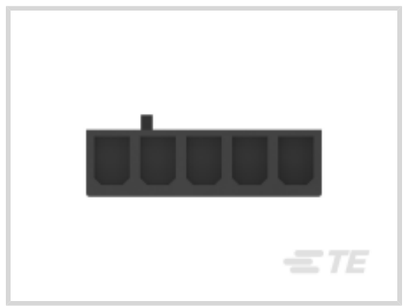
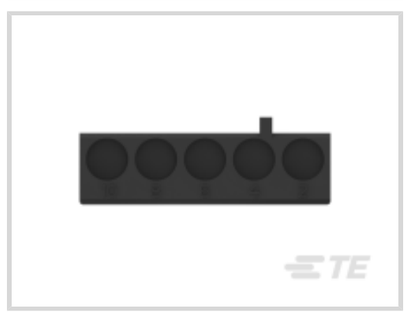
TE Internal #: 2-480390-1

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

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

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]

Operation/Application

Circuit Application	Power
For Use With	Pin (Cap) Housing

Identification Marking

Circuit Identification Feature	With

Industry Standards

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>

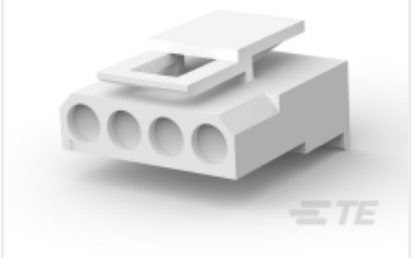
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211)

	Candidate List Declared Against: JAN 2021 (211) 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

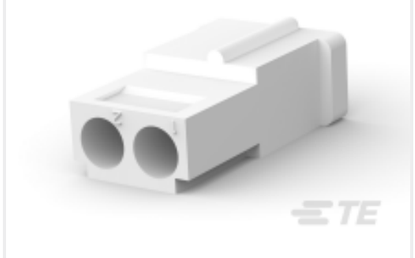
Product Compliance Disclaimer

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

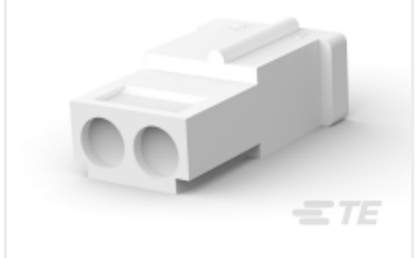
Compatible Parts



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



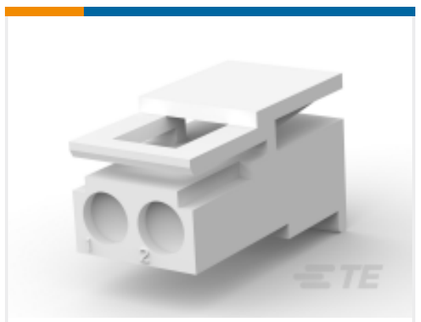
TE Part # 1-480393-1
02P CMNL PLUG HSG F/H BLK



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



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



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



TE Part # 1-480389-1
10P CMNL CAP M/M BLK HT



TE Part # 1-480390-1
05P CMNL PLUG M/M BLK HT

Also in the Series | Commercial MATE-N-LOK



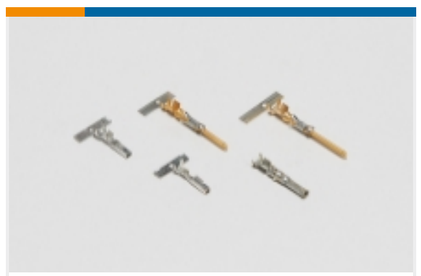
Connector Contacts(26)



Crimp Wire Pins, Tabs & Ferrules(3)



Insertion & Extraction Tools(5)



Power Contacts(129)



Rectangular Caps & Covers(2)



Rectangular Connector Housings(17)



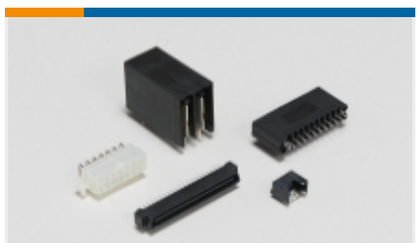
Rectangular Connector Seals(1)



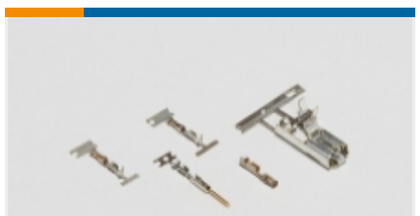
Rectangular Power Connectors(171)



Standard Circular Connectors(4)



Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #T2030002025-000
CEF-2.5



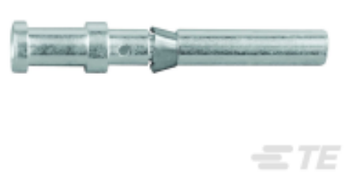
TE Part #T2040064101-000
HE-006-MC



TE Part #T2040064201-000
HE-006-FC



TE Part #T1932160000-000
H16BPR-AGC



TE Part #T2020002025-000
CDF-2.5



TE Part #T2020001025-000
CDM-2.5



TE Part #T1010161600-000
H16B-KDTP-BO



TE Part #T1922160140-000
H16BPR-TGHC-M40



TE Part #T1926030116-009
H3APR-TGC-M16-EMC-C



TE Part #T3900250250-000
M25X1.5 VA-25-LM

Documents

Product Drawings

05P CMNL PLUG M/M BLK HT

English

CAD Files

3D PDF

3D

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

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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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