151680 ✔ ACTIVE

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

TE Internal #: 151680

2 Position, Cap, Housing, Crimp, Wire-to-Wire, UL 94V-2, 7.11 mm [.279 in] Centerline, 1 Row, 250 VAC, Wire & Cable, Power, Commercial MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Cap**

Termination Method to Wire & Cable: **Crimp**

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

Contact Retention Within Housing: **With**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1
Number of Power Positions	2
Number of Signal Positions	2

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Natural

Contact Features

Contact Retention Within Housing	With
Contact Type	Socket
Contact Current Rating (Max)	15 A

Termination Features

Termination Method to Wire & Cable	Crimp

Housing Features

Centerline (Pitch)	7.11 mm[.279 in]
Housing Material	Nylon

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag

Product Compliance

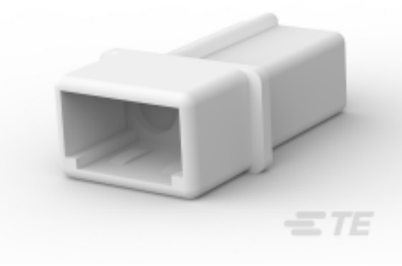
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

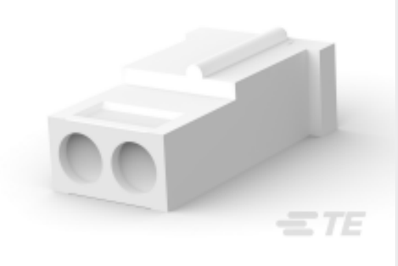
Product Compliance Disclaimer

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

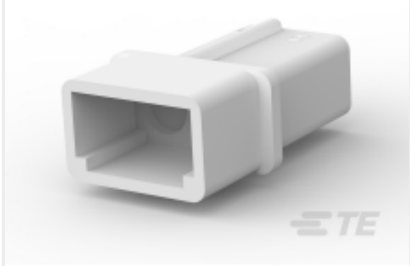
Compatible Parts



TE Part # 170924-1
MNL 2 POS NATURAL PIN HSG



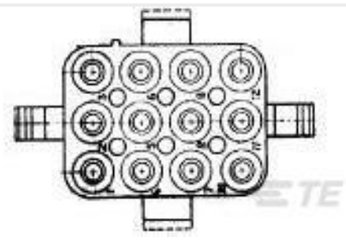
TE Part # 170923-1
CMNL PLG 2P FREE HNG



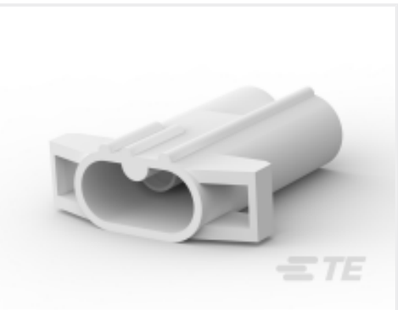
TE Part # 794012-1
02P CMNL CAP HSG W/POS LOCK



TE Part # 151679
2 WAY M-N-L PIN HSG.NAT.



TE Part # 1-163032-0
MATEN LOK HOUSING



TE Part # 2-151679-0
2 WAY MATE-N-LOK PIN HSG.NAT.A



TE Part # 1-480683-0
02P CMNL PLUG HSG F/H NATL



TE Part # 1-163038-0
03P M-N-L.SOCK.HSG.

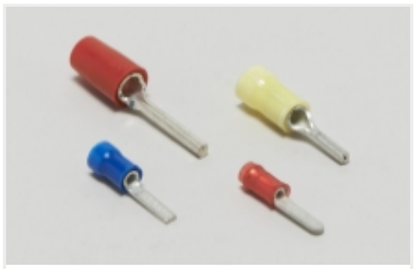


TE Part # 1-480720-0
02P CMNL PLUG HSG W/LOK NATL

Also in the Series | Commercial MATE-N-LOK



Connector Contacts(150)



Crimp Wire Pins, Tabs & Ferrules(2)



Power Contacts(146)



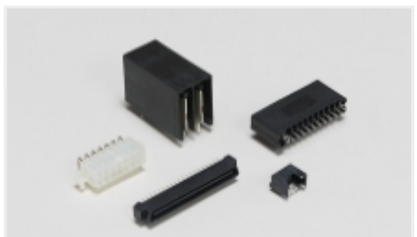
Rectangular Connector Housings(118)



Rectangular Power Connectors(181)

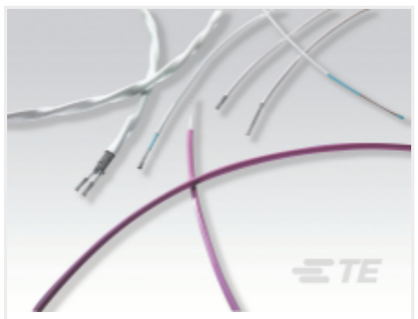


Standard Circular Connectors(2)

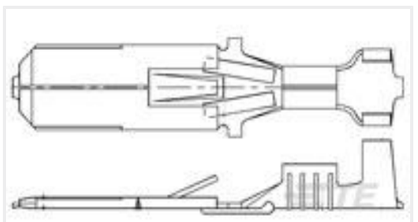


Standard Rectangular Connectors(126)

Customers Also Bought



TE Part #2160393004
55A0111-28-9



TE Part #42241-2
FF 250 TAB 18-14 AWG .032 TPBR



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



TE Part #61314-1
CMNL SOK 24-18 TPBR



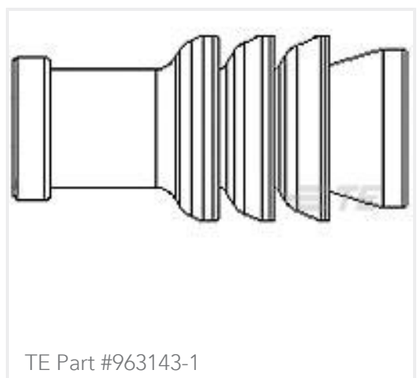
TE Part #163305-2
MATENLOK PIN SDW



TE Part #179228-2
CT CRIMP TYPE REC HSG



TE Part #4-644466-2
12P MTA156 CONN ASSY 20AWG YEL



TE Part #963143-1
MQS BLINDSTOPFEN



TE Part #2-1879071-5
THS50 10R 5%

TE Part #154565
3 WAY PIN HOUSING M-N-L

Documents

Product Drawings

2 WAY MATE-N-LOK SOC HSG NAT.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_151680_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_151680_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_151680_Y.3d_stp.zip

English

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Product Specifications

Application Specification

English