



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Cap**

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

Number of Positions: **2**

Centerline (Pitch): **7.11 mm [.279 in]**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

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

Usage Conditions

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

Circuit Application	Power
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Industry Standards

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

Packaging Features

Packaging Method	Bag
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Product Compliance

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

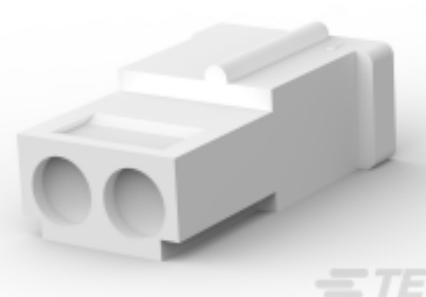
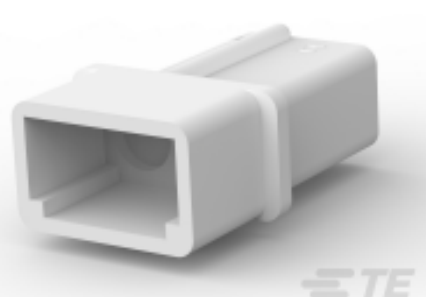
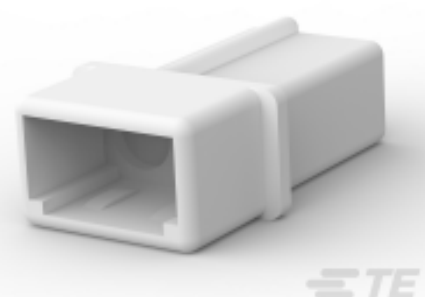
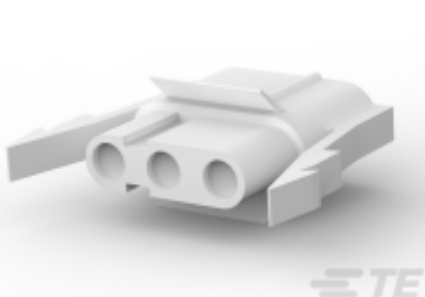
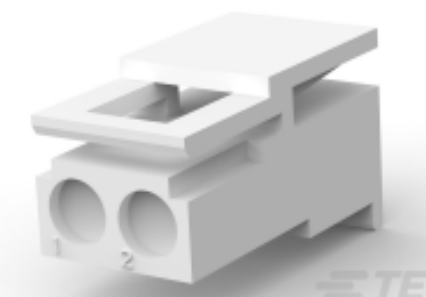
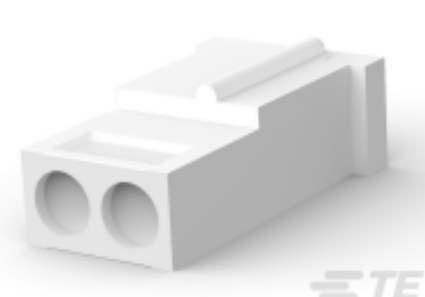
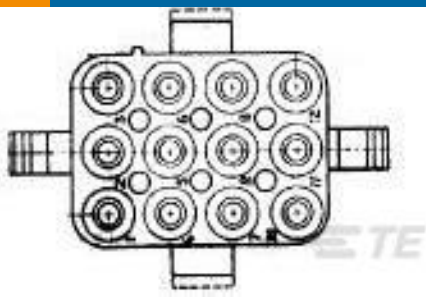
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 1-480683-0 02P CMNL PLUG HSG F/H NATL	 TE Part # 794012-1 02P CMNL CAP HSG W/POS LOCK	 TE Part # 170924-1 MNL 2 POS NATURAL PIN HSG	 TE Part # 1-163038-0 03P M-N-L.SOCK.HSG.
 TE Part # 1-480720-0 02P CMNL PLUG HSG W/LOK NATL	 TE Part # 151679 2 WAY M-N-L PIN HSG.NAT.	 TE Part # 2-151679-0 2 WAY MATE-N-LOK PIN HSG.NAT.A	 TE Part # 170923-1 CMNL PLG 2P FREE HNG
 TE Part # 1-163032-0 MATE N LOK HOUSING			

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(150)



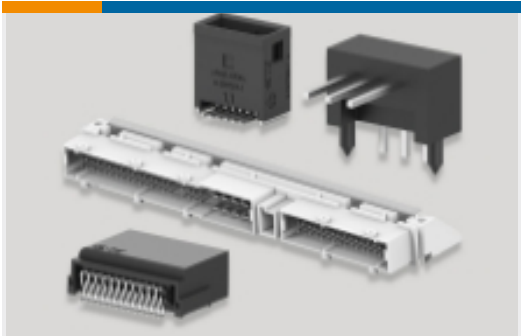
Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



Rectangular Connector Housings(9)



Rectangular Power Connectors(115)



Standard Circular Connectors(2)



Standard Rectangular Connectors(2)

Customers Also Bought



TE Part #350550-7
UMNL SOK 20-14 AU/BR L/P



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



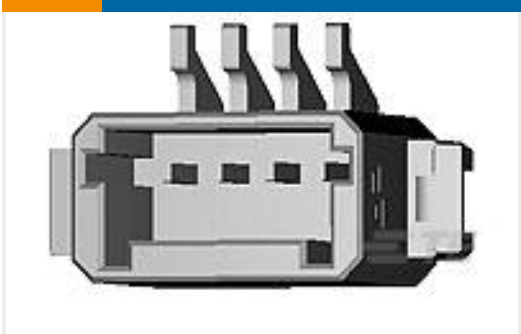
TE Part #770276-1
03P .093 COMM P&S PLUG .250CL



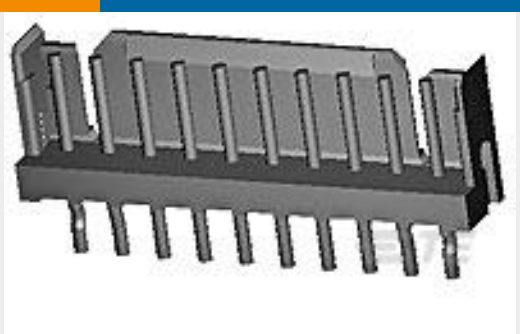
TE Part #163305-2
MATENLOK PIN SDW



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



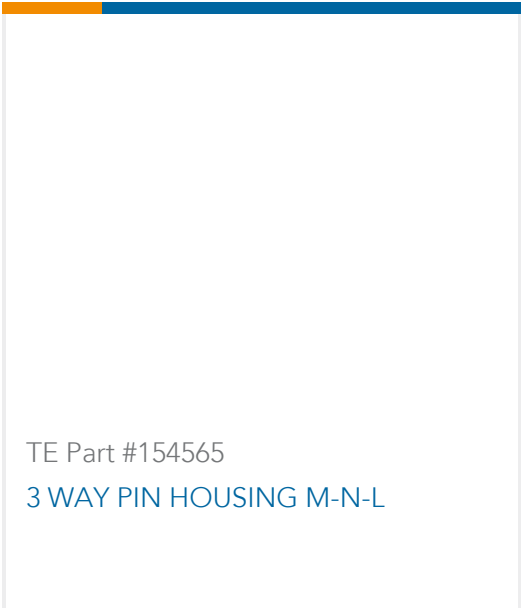
TE Part #2106091-3
4 pos Inverted Thru Board SMT Header



TE Part #292161-2
CT P/HDR ASSY V 2P W/KINK NAT



TE Part #1622382-1
LR1 1% 20K



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

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

Product Specifications

Application Specification

English