



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

Centerline (Pitch): **7.11 mm [.28 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Socket



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Locking Leg
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	7.11 mm[.28 in]
Housing Color	Natural
Housing Material	Nylon 66

Dimensions

Panel Thickness	.64 – 1.65 mm[.64 – 1.65 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
UL Rating	Certified, Recognized
Agency/Standard Number	E28476
CSA File Number	LR16455
VDE Tested	No
Agency/Standard	CSA, UL

Packaging Features

Packaging Method	Bag
Packaging Quantity	500

Other

For Use With	Pin (Cap) Housing
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 60617-5 CMNL SOK AUBR L/P	 TE Part # 61173-1 CMNL SOK 30-22 PTBR L/P	 TE Part # 163304-2 MATENLOK SOCKET SDW	 TE Part # 61314-6 CMNL SOK S/F 24-18 .0125AUPHBZ
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TE Part # 61117-5
CMNL SOK 20-14 AUBR



TE Part # 350557-4
MNL SOK SPECIAL .0125PTPPHBZ



TE Part # 61314-4
CMNL SOK 24-18 TPPHBZ



TE Part # 163302-6
MATENLOK SIDE WAY



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



TE Part # 170120-1
MATE-N-LOK SOCKET 2



TE Part # 170147-2
MNL SOCKET PRE-TIN PH BR



TE Part # 163300-8
MATENLOK SOCKET



TE Part # 163300-6
MATENLOK SOCKET TP



TE Part # 61117-1
CMNL SOK 20-14 TPBR



TE Part # 163302-8
MATENLOK SOCKET



TE Part # 170147-1
MATE-N-LOK SOCKET 2



TE Part # 350557-1
MNL SOK SPECIAL .0126PTPBR



TE Part # 163306-2
MATENLOK SOCK

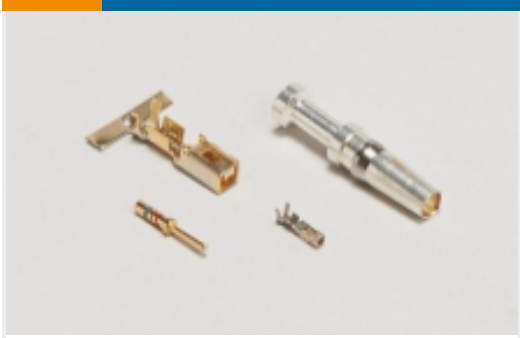


TE Part # 170121-1
MATE-N-LOK SKT L.P.



TE Part # 170148-1
MATE-N-LOK SOC LP

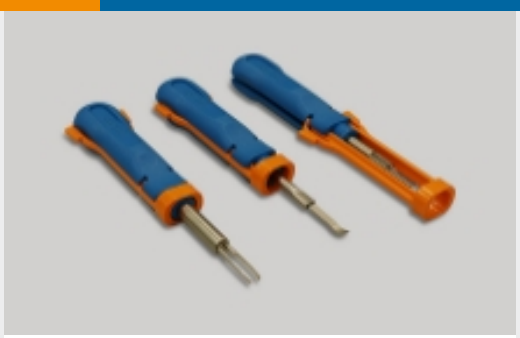
Also in the Series | Commercial MATE-N-LOK



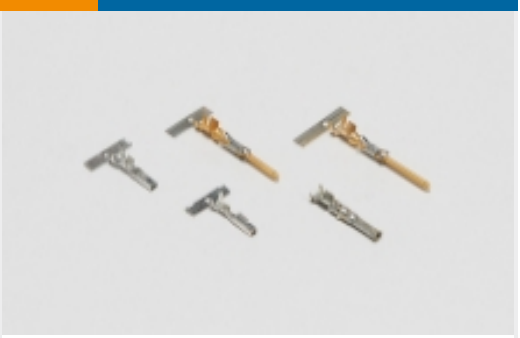
Connector Contacts(26)



Crimp Wire Pins, Tabs & Ferrules(3)



Insertion & Extraction Tools(5)



Power Contacts(129)



Rectangular Caps & Covers(2)



Rectangular Connector Housings(17)



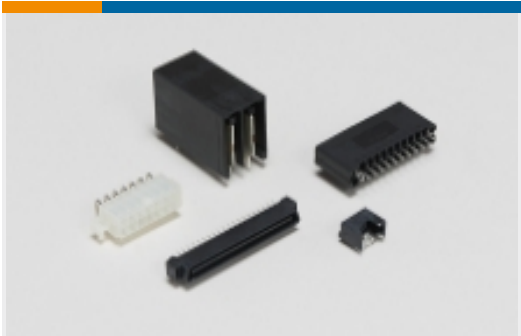
Rectangular Connector Seals(1)



Rectangular Power Connectors(170)



Standard Circular Connectors(4)



Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #160163-2
RING TONGUE WITH IS 3.1-5.3 MM2
TPBR



TE Part #160859-2
FF 250 TAB 0.5-1.0MM2 TPBR



TE Part #160655-4
FF 110 REC TERMINAL 20-15 AWG
PTPPB



TE Part #163300-6
MATENLOK SOCKET TP



TE Part #176271-1
AMP UNIVERSAL POWER PLUG 2P



TE Part #160484-4
110 FASTON,REC.,20-17 AWG,BR



TE Part #175151-2
AMP UNIVE. POWER CONN REC
CONT



TE Part #130017
SOLIS R 22-16 5MM



TE Part #160134-2
RING TONGUE WITH IS 12-10 AWG
TPBR



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

Documents



Product Drawings

2 WAY MATE-N-LOK SOC HSG NAT.A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-151680-0_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-151680-0_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-151680-0_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