



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **3**

Centerline (Pitch): **5.08 mm [.2 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Pin



Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
Housing Color	Natural
Housing Material	Nylon GF

Dimensions

	.63 in
--	--------

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Identification Marking

Circuit Identification Feature	With
--------------------------------	------

Industry Standards

CSA Rating	LR 16455
UL Rating	Certified, Recognized
Agency/Standard	CSA, UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

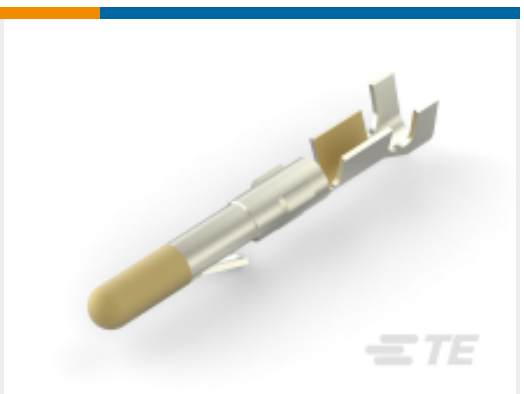
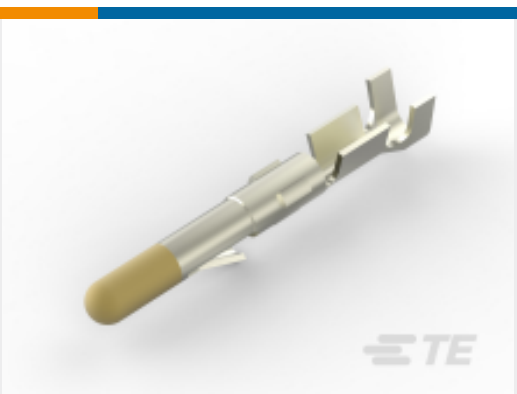
Product Compliance Disclaimer

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>

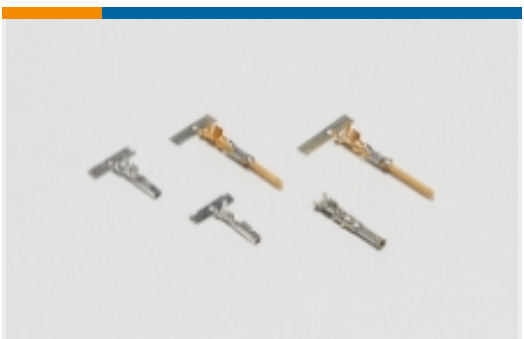
Compatible Parts

 TE Part # 60618-5 CMNL PIN AUBR L/P	 TE Part # 60618-4 CMNL PIN PTPPHBZL/P	 TE Part # 61174-1 CMNL PIN L/P PTBR	 TE Part # 60620-1 CMNL PIN 20-14 TPBR L/P
 TE Part # 163305-2 MATENLOK PIN SDW	 TE Part # 61118-5 CMNL PIN 20-14 AUNIBR	 TE Part # 61116-4 CMNL PIN 24-18 PTPHBZ	 TE Part # 163555-6 MATENLOK PIN



 TE Part # 61118-4 CMNL PIN 20-14 TPPHBZ	 TE Part # 350079-1 MNL PIN 30-22 PTPBR	 TE Part # 163301-6 MATENLOK PIN	 TE Part # 163301-8 MATENLOK PIN
 TE Part # 61116-1 CMNL PIN 24-18 PTBR	 TE Part # 61527-2 CMNL GROUDING PIN 22-18 PTPBR	 TE Part # 163303-6 MATE-N-LOK PIN	 TE Part # 61118-1 MNL PIN 20-14 TPBR
 TE Part # 163558-2 PIN M-N-L	 TE Part # 60618-1 CMNL PIN PTPBR L/P	 TE Part # 60620-5 CMNL PIN 20-14 AUBR L/P	 TE Part # 61116-7 CMNL PIN 24-18 AUNIBR

Also in the Series | Commercial MATE-N-LOK

 Connector Caps & Covers(2)	 Connector Contacts(20)	 Connector Seals & Cavity Plugs(1)	 Crimp Wire Pins, Tabs & Ferrules(2)
 Insertion & Extraction Tools(3)	 Power Contacts(129)	 Rectangular Connector Housings(11)	 Rectangular Power Connectors(169)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #2213627-2
ASSEMBLY, ROT DIM REC 49.22MM 7
POS 150C



TE Part #2213362-2
Rcpt Assy,Dimmable Photocontrol,
150C,3/4



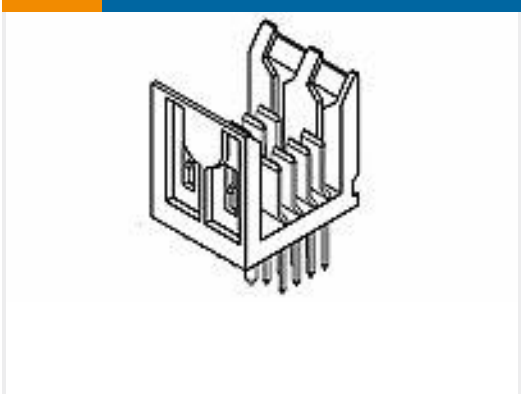
TE Part #3-794632-4
04P MICRO MNL ASSY,VRT,HDR,LF



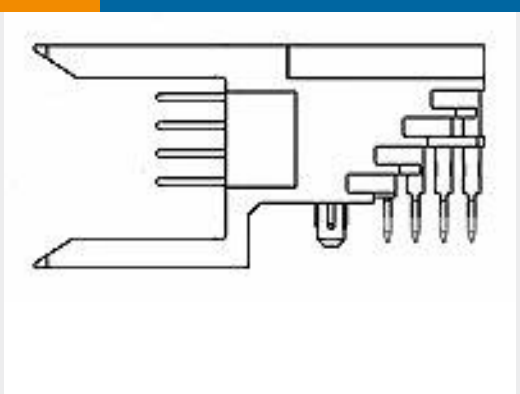
TE Part #2041376-2
RJ45 W LED 2X2,30u",DIP,H=25.4mm



TE Part #4-1419148-8
T9AV1D22-18U



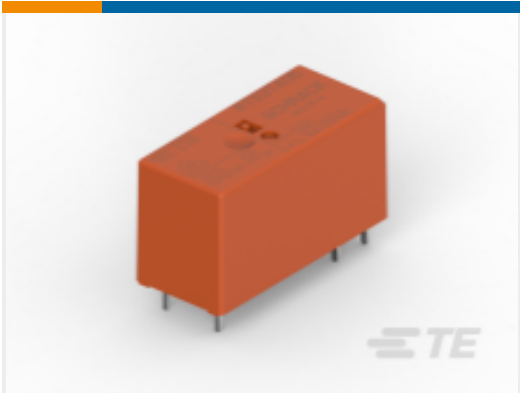
TE Part #5536603-1
2MM FB,ASY,008,PWR,HDR,EN,4.25



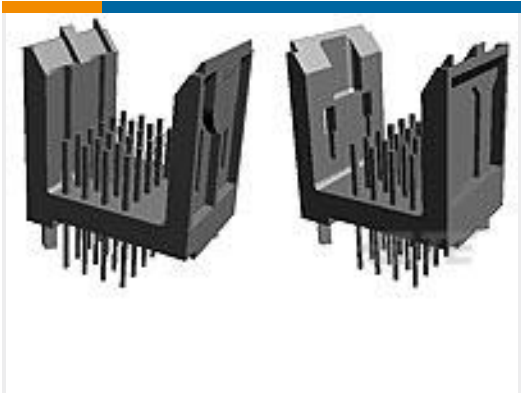
TE Part #5223513-1
2MMFB,IS,ASY,024,SIG,HDR,SL



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



TE Part #1-1415898-5
RTS3TA05



TE Part #5536514-1
2MMFB,ASY,024,SIG,HDR,EN,4.25

Documents

Product Drawings

03P CMNL CAP HSG D/L NAT

English

CAD Files

Customer View Model

ENG_CVM_1-480726-0_C.3d_igs.zip

English

Customer View Model



[ENG_CVM_1-480726-0_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-480726-0_C.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-480726-0_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480726-0_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480726-0_N.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

Agency Approvals

[Agency Approval Document](#)

English