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Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **2**

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	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Pin



Termination Features

Termination Method to Wire & Cable	Crimp
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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

Dimensions

	.515 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

CSA Rating	LR 16455
UL Rating	Certified, Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	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
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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 # 1-480720-0
02P CMNL PLUG HSG W/LOK NATL



TE Part # 151680
2 WAY MATE-N-LOK SOC HSG NAT.

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)



Rectangular Connector Housings(9)



Rectangular Power Connectors(166)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)

Customers Also Bought



TE Part #7-66504-0
20 DF SOCKET CONT,SMALL PACK



TE Part #207397-1
HSG,RECEPT 10 POSN,METRIMATE



TE Part #61454-1
WRAP TYPE TAB RECEPTACLE 24-20 AWG TPBR



TE Part #42579-1
250 FASTON REC 16-12 AWG NPST



TE Part #61116-1
CMNL PIN 24-18 PTBR



TE Part #2-2270024-1
PIN CONN. KITS, PV4-S1M4.0/PV4-S1M6.0



TE Part #D369-R33-NP0
369 3 WAY REC, NO CONTACTS, PIN



TE Part #1-456403-6
CRIMPER WIRE .062 F



TE Part #556136-2
CONT,AMPINRGY WTW,LS PC,10-12



TE Part #60742-2
187 FASTON REC 18-14 AWG TPBR

Documents



Product Drawings

02P CMNL CAP HSG W/POS LOCK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794012-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794012-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794012-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_794012-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_794012-1_O.3d_stp.zip

English

Customer View Model

ENG_CVM_794012-1_O.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English