



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: **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 VAC
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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	Black
Housing Material	Nylon

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
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

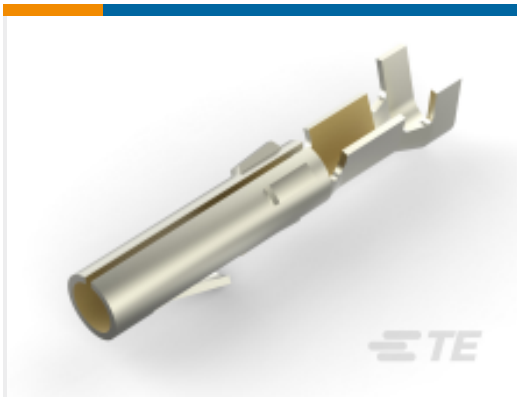
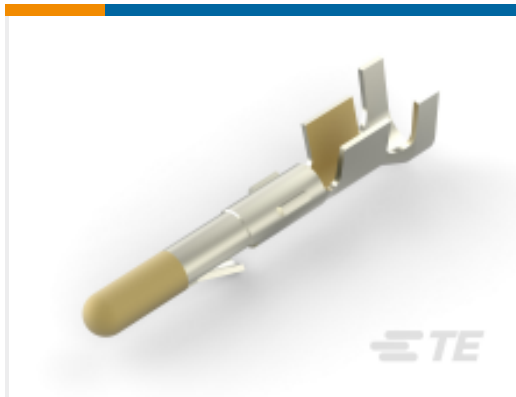
Solder Process Capability

Not applicable for solder process capability

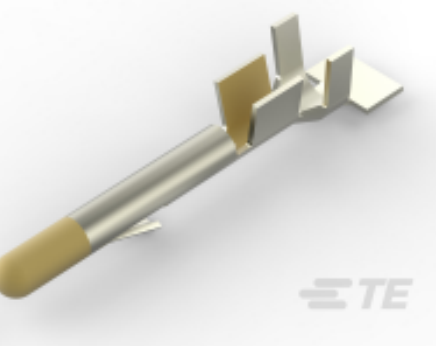
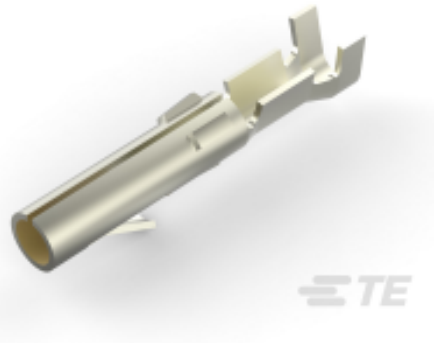
Product Compliance Disclaimer

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

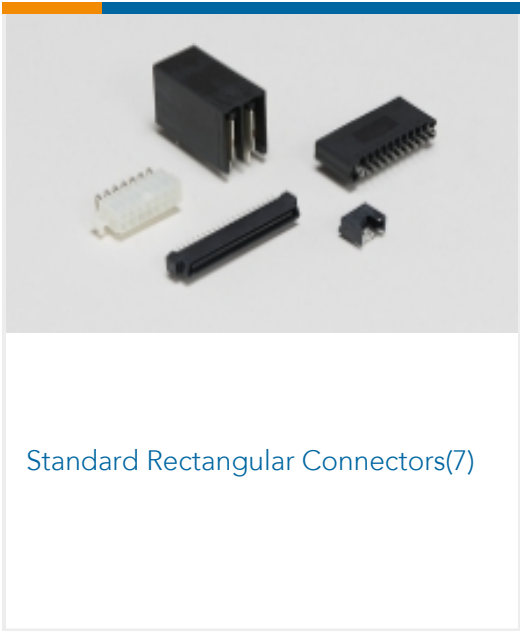
 TE Part # 60619-5 CMNL SOK AUBR L/P	 TE Part # 1-480683-0 02P CMNL PLUG HSG F/H NATL	 TE Part # 60617-5 CMNL SOK AUBR L/P	 TE Part # 60618-5 CMNL PIN AUBR L/P
 TE Part # 60618-4 CMNL PIN PTPPHBZL/P	 TE Part # 60617-4 CMNL SOK PTPPHBZ L/P	 TE Part # 61174-1 CMNL PIN L/P PTBR	 TE Part # 61173-1 CMNL SOK 30-22 PTBR L/P



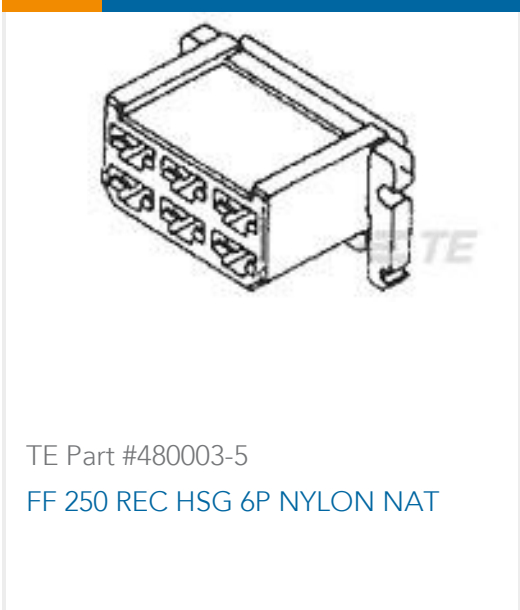
 TE Part # 60619-1 CMNL SOK PTPBR L/P	 TE Part # 60620-1 CMNL PIN 20-14 TPBR L/P	 TE Part # 60617-1 CMNL SOK SNBR L/P	 TE Part # 60620-4 CMNL PIN 20-14 TPPHBZ L/P
 TE Part # 163304-2 MATENLOK SOCKET SDW	 TE Part # 163305-2 MATENLOK PIN SDW	 TE Part # 60619-4 CMNL SOK PTPPHBZ L/P	 TE Part # 61118-5 CMNL PIN 20-14 AUNIBR
 TE Part # 61314-6 CMNL SOK S/F 24-18 .0125AUPHBZ	 TE Part # 61116-4 CMNL PIN 24-18 PTPHBZ	 TE Part # 1-480318-0 02P CMNL PLUG HSG F/H NATL	 TE Part # 1-480318-9 02P CMNL PLUG HSG F/H BLK

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)



Customers Also Bought



Documents

Product Drawings
02P CMNL CAP HSG F/H BLK
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-480319-9_AE.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-480319-9_AE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480319-9_AE.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

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[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

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Agency Approvals

[Agency Approval Document](#)

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