



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Panel, Wire-to-Wire**
Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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Contact Type	Pin
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

Housing Material	Nylon
Centerline (Pitch)	4.95 mm[.195 in]

Dimensions

Row-to-Row Spacing	9.14 mm[.36 in]
Panel Thickness (Recommended)	1.02 – 2.54 mm[.04 – .1 in]

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

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

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 163304-4
SOCKET MATE-N-LOK



TE Part # 60619-1
CMNL SOK PTPBR L/P

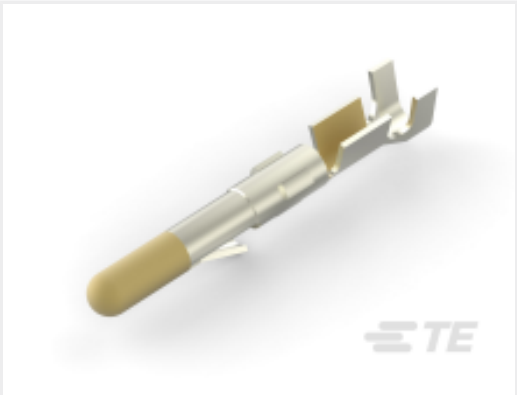
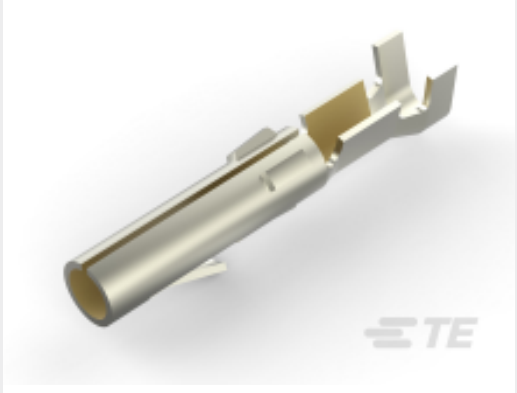
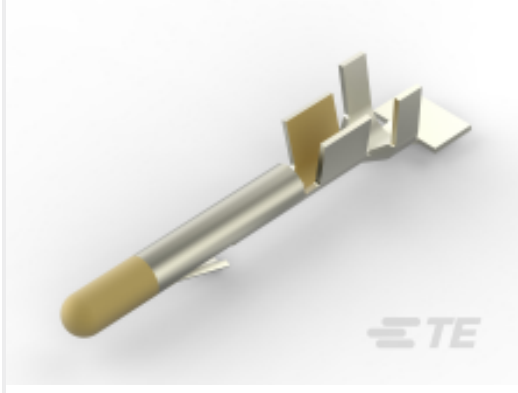
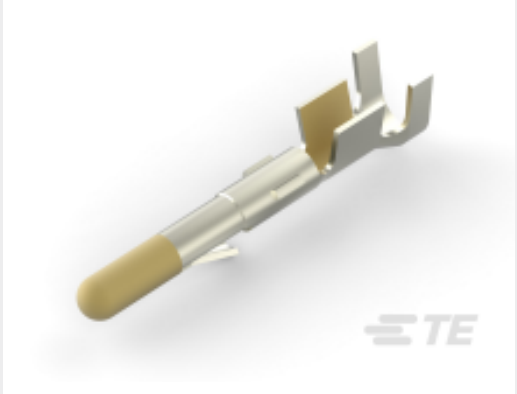
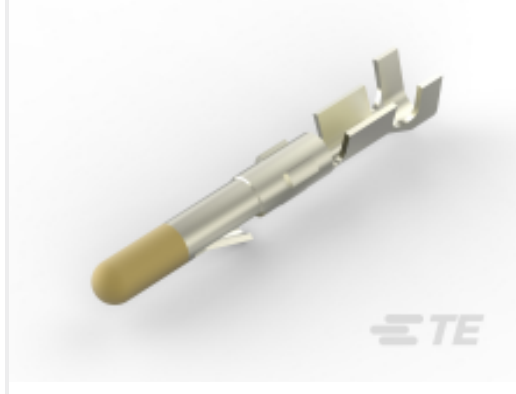


TE Part # 61314-4
CMNL SOK 24-18 TPPHBZ

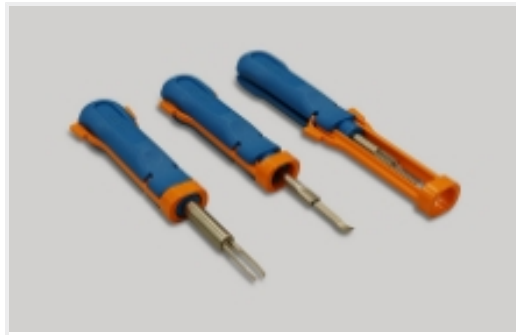


TE Part # 170121-4
M-N-L SKT



 TE Part # 170121-1 MATE-N-LOK SKT L.P.	 TE Part # 170148-2 MNL SOCKET L.P. 170147	 TE Part # 163306-4 SOCKET M-N-L	 TE Part # 350078-5 CMNL SOK 30-22 AUNIBR
 TE Part # 60620-5 CMNL PIN 20-14 AUBR L/P	 TE Part # 350558-1 MNL PIN SPECIAL .0126 PTPBR	 TE Part # 61118-4 CMNL PIN 20-14 TTPHBZ	 TE Part # 61314-7 CMNL SOK 24-18 AUBR
 TE Part # 60617-5 CMNL SOK AUBR L/P	 TE Part # 61118-5 CMNL PIN 20-14 AUNIBR	 TE Part # 61527-2 CMNL GROUDING PIN 22-18 PTPBR	 TE Part # 61174-1 CMNL PIN L/P PTBR
 TE Part # 60618-5 CMNL PIN AUBR L/P	 TE Part # 61117-1 CMNL SOK 20-14 TPBR	 TE Part # 61116-4 CMNL PIN 24-18 PTPHBZ	 TE Part # 61116-7 CMNL PIN 24-18 AUNIBR

Also in the Series | Commercial MATE-N-LOK

 Connector Caps & Covers(2)	 Connector Contacts(150)	 Connector Seals & Cavity Plugs(1)	 Insertion & Extraction Tools(3)
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PCB Headers & Receptacles(56)



Power Contacts(146)



Rectangular Power Connectors(182)



Standard Circular Connectors(2)



Wire-to-Board Headers & Receptacles (56)

Customers Also Bought



TE Part #4-1618002-8
EV500-5A=RELAY, PRESSURIZED, S



TE Part #1-2176337-5
CRGCQ 0402 150R 1%



TE Part #K1060868
Battery Disconnecter 35-301



TE Part #1-66098-9
II+ PIN, 18-16,TIN STRIP



TE Part #178307-5
DYNAMIC D3100 HDR ASSY 16P



TE Part #61173-5
CMNL SOK 30-22 AUNIBR L/P



TE Part #K1060487
Relay 29-111-11



TE Part #6-2176337-0
CRGCQ 0402 820K 1%



TE Part #3-1625984-9
HSA50 27R 5%



TE Part #1445534-3
PLUG,8-3,LARGE INS,STD KEY

Documents



Product Drawings

06P CMNL CAP HSG M/M NATL

English

CAD Files

Customer View Model

ENG_CVM_1-480271-0_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_1-480271-0_AF.3d_stp.zip

English

Customer View Model

ENG_CVM_1-480271-0_AF.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-480271-0_BF.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-480271-0_BF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-480271-0_BF.3d_stp.zip

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

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals



Agency Approval Document

English