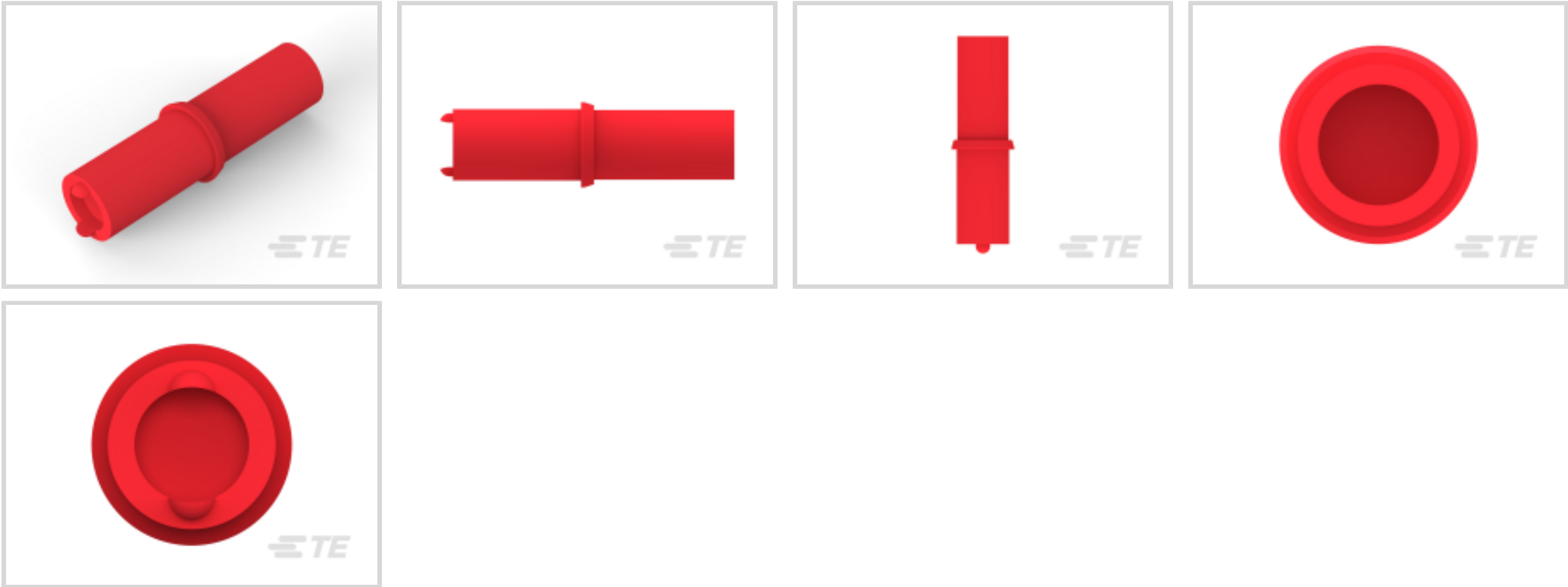




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **1**

Sealable: **No**

Features

Identification Marking

Circuit Identification Feature	Without
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

Mechanical Attachment

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

Industry Standards

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



Product Type Features

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

Configuration Features

Number of Positions	1
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

Housing Color	Red
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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 # 163558-4
PIN M-N-L



TE Part # 350078-4
CMNL SOK 30-22 PTPPHBZ



TE Part # 350638-4
MNL SOK L/P



TE Part # 1-480351-2
01P CMNL CAP HSG RED



TE Part # 163302-8
MATENLOK SOCKET



TE Part # 163555-7
MATE-N-LOK PIN 0,3-



TE Part # 170120-4
MATE-N-LOK SOCKET



TE Part # 163302-7
MATENLOK SOCKET



TE Part # 60619-5
CMNL SOK AUBR L/P



TE Part # 61173-4
CMNL SOK 30-22 PTPHBZ L/P



TE Part # 163304-3
MATENLOK SOCKET



TE Part # 163307-2
MATENLOK PIN



TE Part # 163555-6
MATENLOK PIN



TE Part # 60618-4
CMNL PIN PTPPHBZL/P



TE Part # 60619-7
CMNL SOK AUPHBZ L/P



TE Part # 794703-1
CMNL SOCKET R/A



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



TE Part # 61117-2
CMNL SOK 20-14 BR



TE Part # 60619-4
CMNL SOK PTPPHBZ L/P

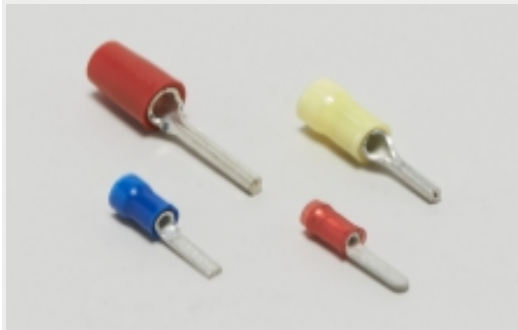


TE Part # 60620-1
CMNL PIN 20-14 TPBR L/P

Also in the Series | Commercial MATE-N-LOK



Connector Contacts(150)



Crimp Wire Pins, Tabs & Ferrules(2)



Power Contacts(146)



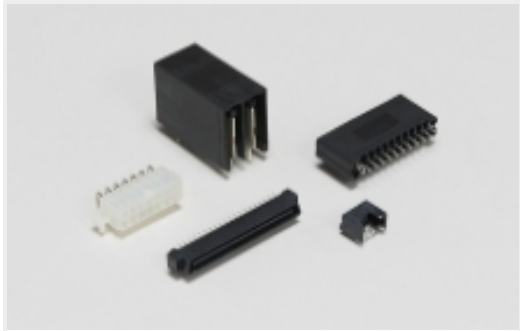
Rectangular Connector Housings(9)



Rectangular Power Connectors(115)



Standard Circular Connectors(2)



Standard Rectangular Connectors(2)

Customers Also Bought



TE Part #61499-1
250 FASTON TAB TPBR



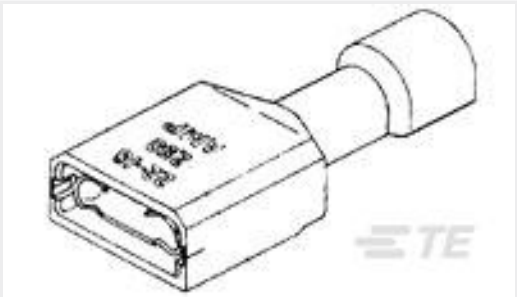
TE Part #2-34150-1
PG R 22-16 COMM 22-18 MIL 1/4



TE Part #62026-1
187 FASTON REC 20-16 AWG TPBR



TE Part #61944-1
250 FASTON REC 18-14 AWG BR



TE Part #2-520261-2
ULTRA-FAST 187 ASY REC 22-18 TPBR



TE Part #63130-3
SPLICE REC. 1500-5000 .020 TPBR



TE Part #66023-4
TAB,PIDG TERMI-BK 22-16



TE Part #2-33466-3
TERMINAL,SOLIS R 6 5/16



TE Part #5-1393104-1
KRPA-11DN-24=KRPA



TE Part #1478768-1
ANTI-VIB NYLON GLD 12MM GREY

Documents

Product Drawings

01P CMNL PLUG HSG F/H RED

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-480349-2_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-480349-2_K.3d_igs.zip

English

Customer View Model

ENG_CVM_1-480349-2_K.3d_stp.zip

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1-480349-2_AK.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480349-2_AK.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480349-2_AK.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 \(U.S.\)](#)

English

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

English

Agency Approvals

[Agency Approval Document](#)

English