



Connectors > Rectangular Connectors > Standard Rectangular Connectors



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

Features

Product Type Features

Connector Product 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
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Black
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Contact Features

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Contact Type	Socket
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Contact Retention Within Housing	Without
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Material	Nylon
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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	Without
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Industry Standards

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

Packaging Quantity	1
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Packaging Method	Package
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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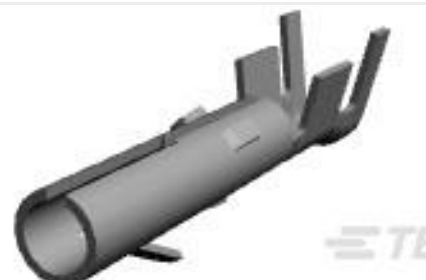
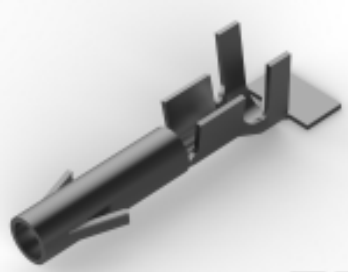
Current ECHA Candidate List: JAN 2025
(247)
Candidate List Declared Against: JAN 2025
(247)
Does not contain REACH SVHC

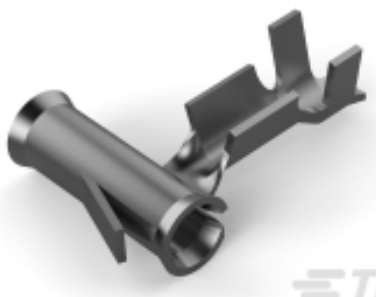
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 163304-3 MATE-N-LOK SOCKET	 TE Part # 163302-7 MATE-N-LOK SOCKET	 TE Part # 350512-1 UMNL SOK DBL WIRE .0126PTPBR	 TE Part # 163555-6 MATE-N-LOK PIN
 TE Part # 163555-7 MATE-N-LOK PIN 0,3-	 TE Part # 163558-4 PIN M-N-L	 TE Part # 61115-1 CMNL SOK 22-18 .010PTPBR	 TE Part # 60620-1 CMNL PIN 20-14 TPBR L/P



TE Part # 794703-1
CMNL SOCKET R/A



TE Part # 163300-6
MATENLOK SOCKET TP



TE Part # 163558-2
PIN M-N-L



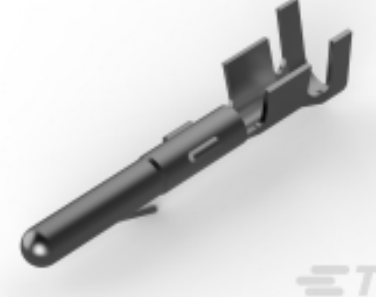
TE Part # 170120-1
MATE-N-LOK SOCKET 2



TE Part # 163302-6
MATENLOK SIDE WAY



TE Part # 163302-8
MATENLOK SOCKET



TE Part # 163303-6
MATE-N-LOK PIN



TE Part # 163307-2
MATENLOK PIN



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



TE Part # 2029185-1
CMNL SKT W/INDENTED SIDES



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



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

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



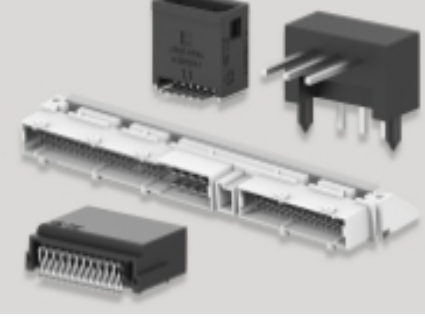
Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



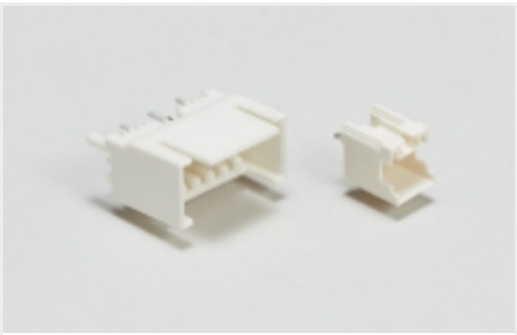
Power Contacts(146)



Rectangular Power Connectors(182)



Standard Circular Connectors(2)

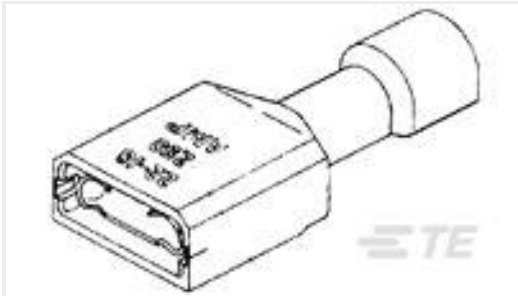


Wire-to-Board Headers & Receptacles
(56)

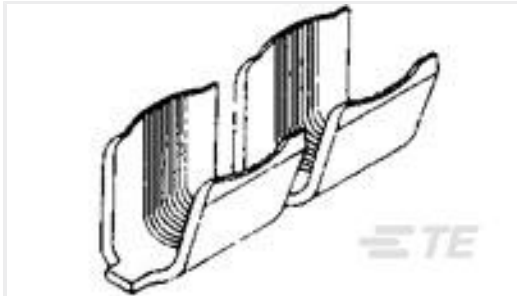
Customers Also Bought



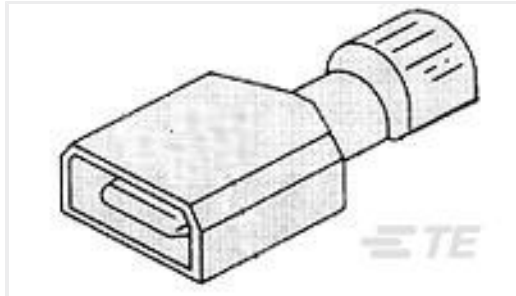
TE Part #2-520183-2
ULTRA-FAST 250 ASY REC 22-18 TPBR



TE Part #3-520140-2
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



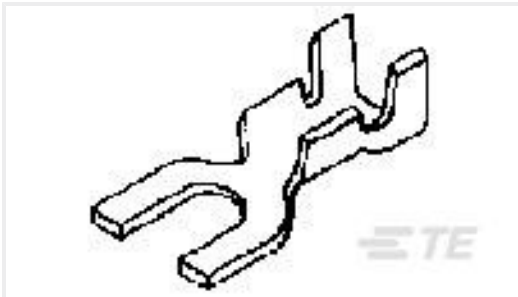
TE Part #42076
SPLC AMVAR 600-3000 020BR



TE Part #2-520102-2
ULTRA-FAST 250 ASSEMBLY TAB 22-18 AWG BR



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



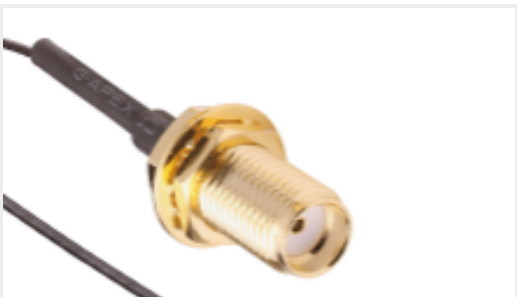
TE Part #40808
SPADE TERMINAL 18-14 AWG TPBR



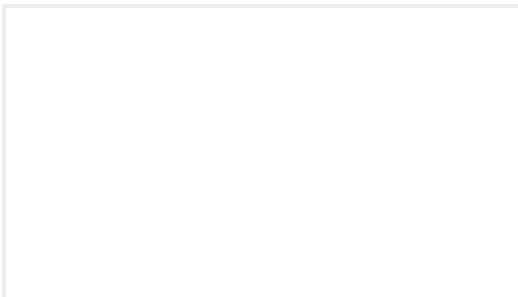
TE Part #CSJ-SGFB-200-MHF4
SMA to MHF4 200mm 0.81 OD



TE Part #61314-1
CMNL SOK 24-18 TPBR



TE Part #CSJ-SGFB-100-MHF4
SMA to MHF4 100mm 0.81 OD



TE Part #CCP0-50-BK-BULK
CLEAN CUT SIZE

Documents

Product Drawings

01P CMNL PLUG HSG F/H BLK

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-480400-0_C.3d_igs.zip



English

Customer View Model

[ENG_CVM_1-480400-0_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-480400-0_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-480400-0_V.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480400-0_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480400-0_V.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

Agency Approvals

[Agency Approval Document](#)

English