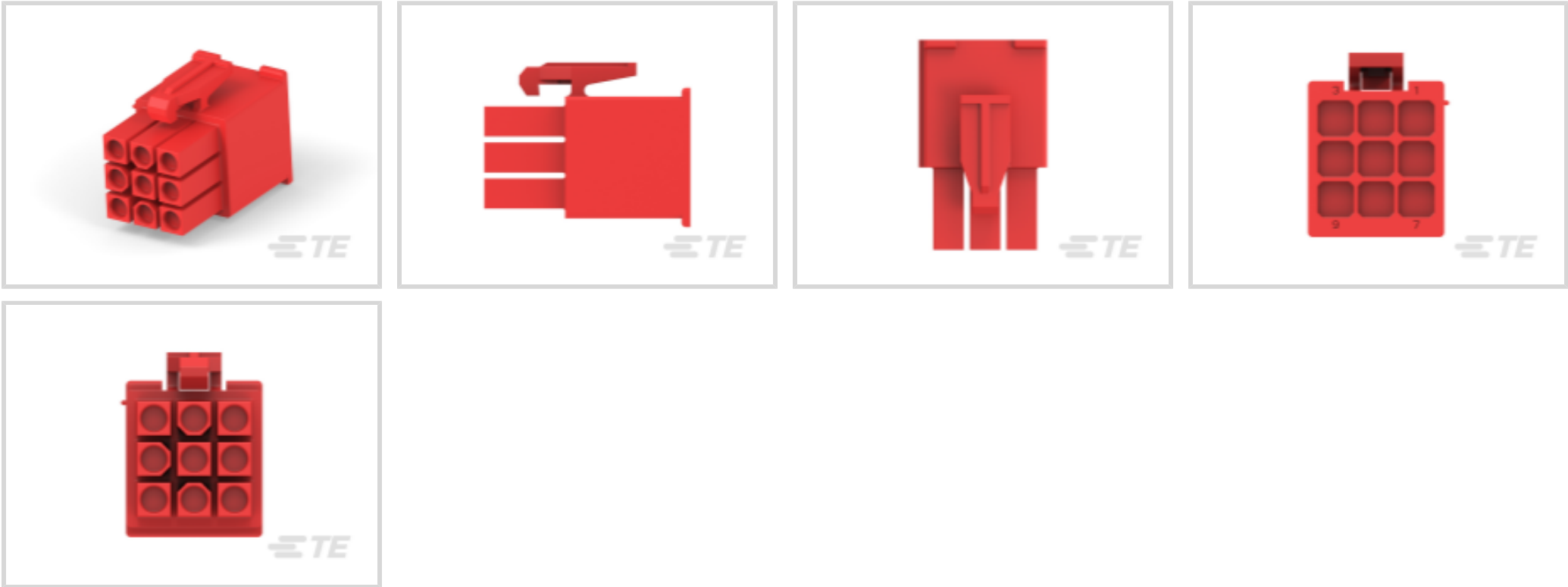




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **9**

Centerline (Pitch): **4.14 mm [.163 in]**

Features

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

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	9
Number of Power Positions	9
Number of Signal Positions	0
Number of Rows	3

Electrical Characteristics



Operating Voltage	600 VDC
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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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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	4.14 mm[.163 in]
Housing Color	Red
Housing Material	Nylon 66/6

Dimensions

Row-to-Row Spacing	4.14 mm[.163 in]
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Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

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>

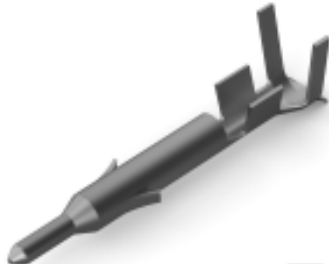
Compatible Parts



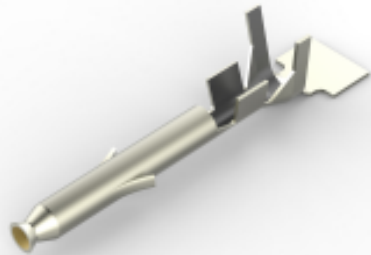
TE Part # 316454-1
M-U-M-N-L PLUG CABLE CLAMP



TE Part # 794407-1
MINI UNML SCKT 20-16 AWG SN



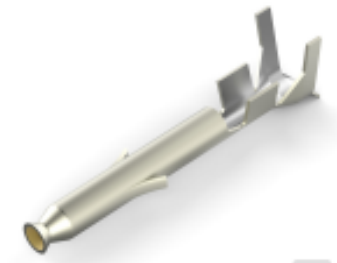
TE Part # 770903-1
MINI UMNL PIN 22-18 AWG SN



TE Part # 770904-6
MINI UMNL SOK CONT 22-18AWG AU



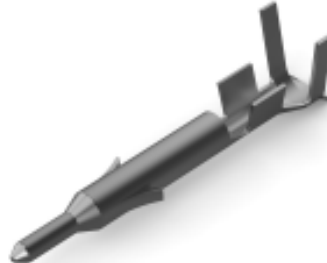
TE Part # 1-794407-0
MINI UMNL SOK 20-16 AWG AU LF



TE Part # 1-770988-0
MINI UMNL SOK 22-18AWG AU



TE Part # 171639-1
MINI U-M-N-L SOCKET L.P

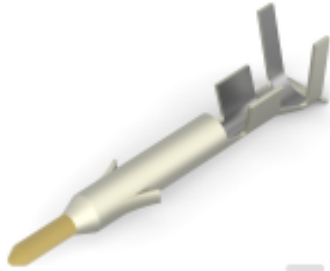


TE Part # 770987-1
MINI UMNL PIN 22-18AWG SN LP

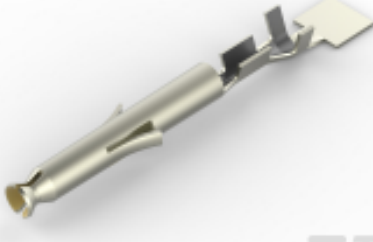




TE Part # 170361-4
UNIV. M-N-L SOC.



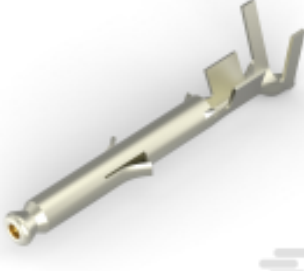
TE Part # 1-770903-1
MINI UMNL PIN 22-18 AWG AU LF



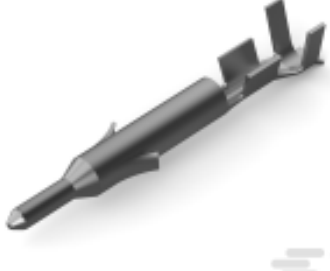
TE Part # 1-770834-0
MINI UMNL SOK AU LF



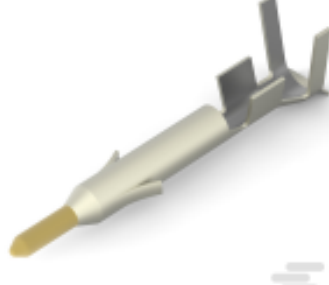
TE Part # 170364-1
MINI UNIVERSAL M-N-L PIN LP



TE Part # 170366-3
MINI UNIVERSAL M-N-L SOCKET LP



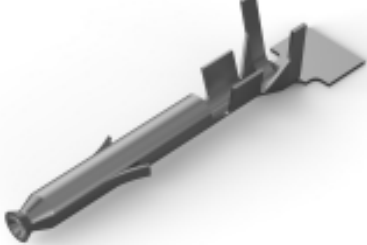
TE Part # 770901-1
MINI UMNL PIN 26-22 AWG SN



TE Part # 770987-3
MINI UMNL PIN 22-18 AWG AU LP



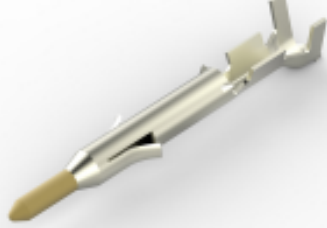
TE Part # 770835-1
MINI UMNL PIN SN



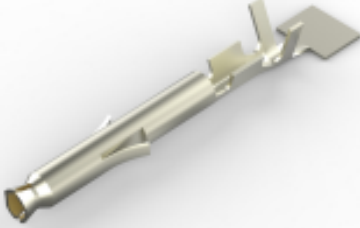
TE Part # 770904-1
MINI UMNL SOK 22-18 AWG SN



TE Part # 770986-1
MINI UMNL SOK 26-22AWG SN LP



TE Part # 170359-3
MINI UNIVERSAL M-N-L PIN



TE Part # 170361-3
MINI UNIVERSAL M-N-L SOCKET

Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(89)



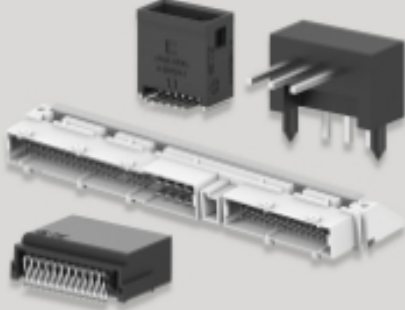
Connector Seals & Cavity Plugs(17)



Connector Strain Relief(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)



Power Contacts(89)



Wire-to-Board Headers & Receptacles (93)

Customers Also Bought





TE Part #CAT-AM78-CH8172
AMPSEAL Receptacle Housings



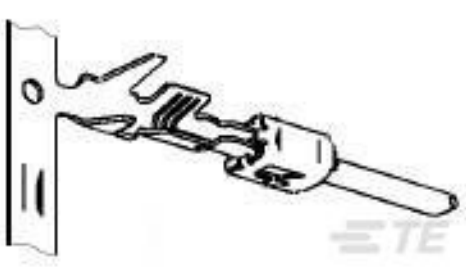
TE Part #1-480710-0
15P UMNL PLUG HSG NATL



TE Part #172340-1
MINI UMNL PLUG HOUSING 9P



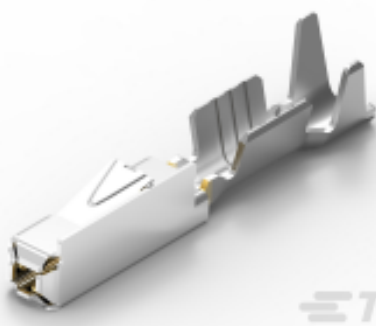
TE Part #2822366-1
.070 ECONOSEAL PLUG ASSY 3P



TE Part #2-2141598-2
TAB 2.8x0.8 CONTACT CF SRC Ag



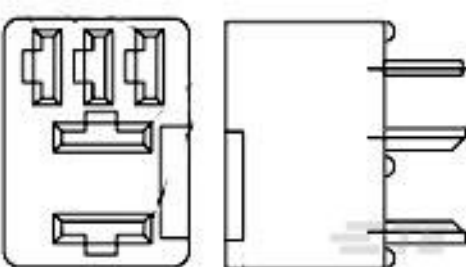
TE Part #1-968851-3
AMP MCP 2.8, CONTACT



TE Part #5-963715-5
MQS0,63 Au rec LL unseal. 0,5-0,75



TE Part #1-480287-0
12P CMNL PLUG HSG M/M NATL



TE Part #1393310-2
VCFM-1000=FROM SEC

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-172169-2_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-172169-2_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-172169-2_L.3d_stp.zip

English

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

Product Specifications

Engineering Report

English

Instruction Sheets



Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English