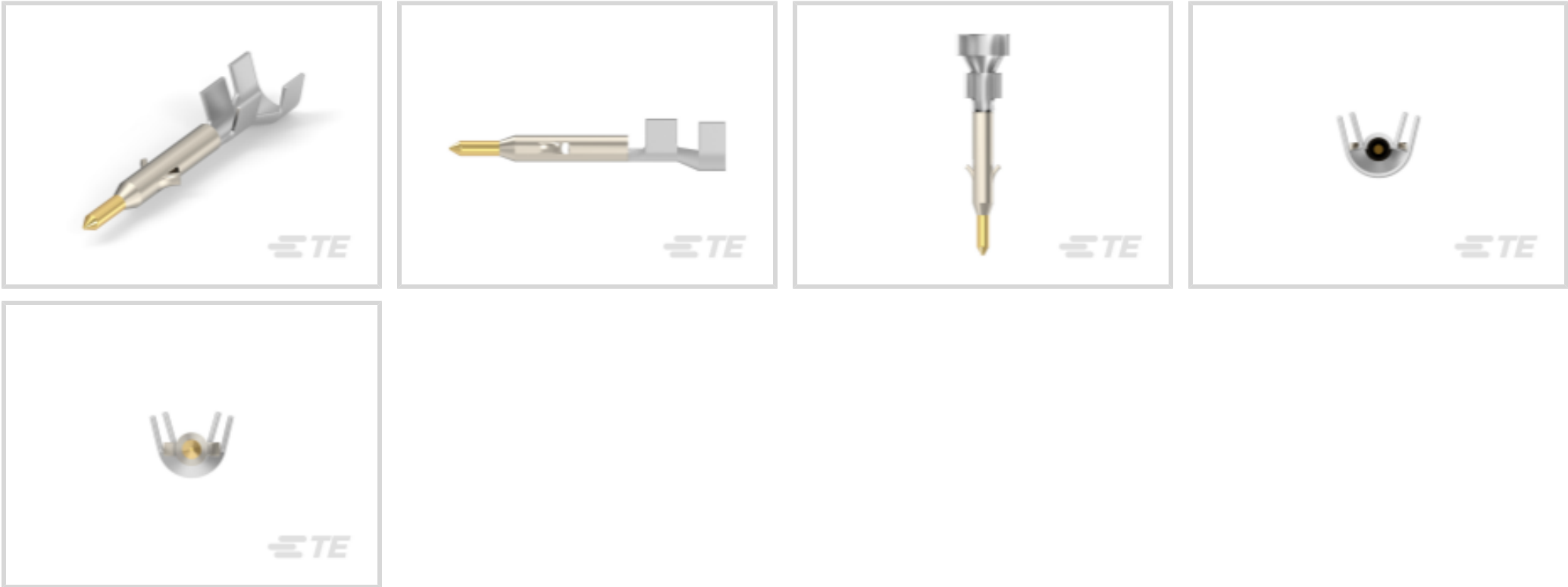




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Tin-Lead**
Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	11.2 A
Mating Pin Diameter	1 mm[.039 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	2.54 – 6.35 µm[100 – 250 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight



Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	.5 – 1.4 mm ²
Compatible Insulation Diameter Range	2 – 3.2 mm[.079 – .126 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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Packaging Features

Packaging Quantity	4500
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690948374) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per



homogenous material. Also BFR/CFR/PVC
Free

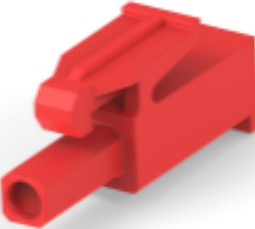
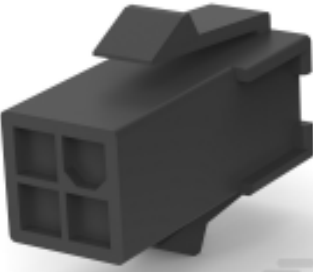
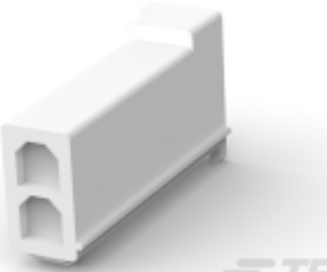
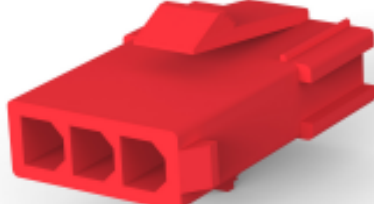
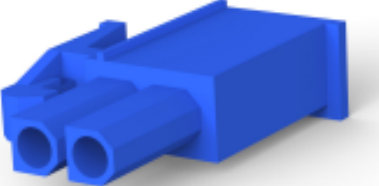
Solder Process Capability

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 # 5-2151372-1 OCEAN-2.0-APPLICATOR-S-070F130O-RSM	 TE Part # 1-172158-6 MINI-U-M-N-L 3P CAP BLUE	 TE Part # 1-172164-2 MINI UNIVERSAL M-N-L PLUG 1P	 TE Part # 2151372-1 OCEAN-2.0-APPLICATOR-S-070F130O-RSM
 TE Part # 1-172159-9 MINI UNIVERSAL M-N-L CAP 4P	 TE Part # 172343-1 MINI UNIVERSAL M-N-L HOUSING	 TE Part # 1-172165-9 2CIR MINI U-M-N-L PLUG BLCK	 TE Part # 1-172158-2 MINI-U-M-N-L 3P CAP RED
 TE Part # 1-172330-9 UNIVERSAL MATE-N-LOK CAP 4P	 TE Part # 1-172165-6 2CIR MINI U-M-N-L PLUG BLUE	 TE Part # 2151372-2 OCEAN-2.0-APPLICATOR-S-070F130O-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 172332-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 9P



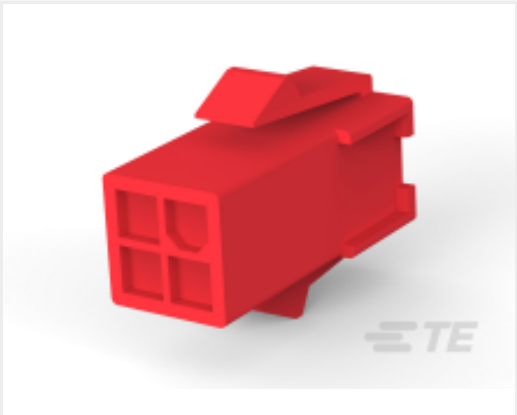
TE Part # 172344-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P



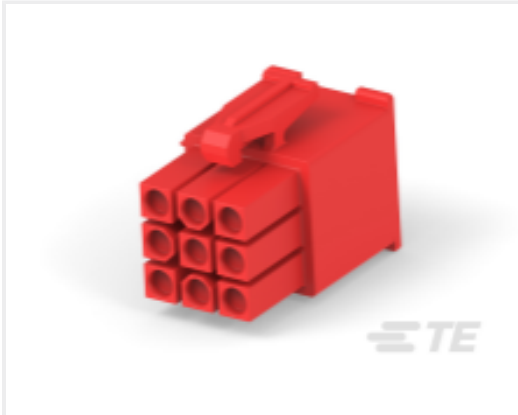
TE Part # 172158-1
3 CIR UNIV M-N-L CAP



TE Part # 172166-1
3 CIR UNIV M-N-L PLUG



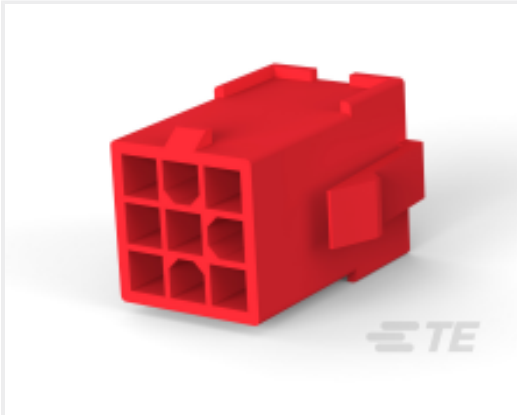
TE Part # 1-172159-2
MINI UNIVERSAL M-N-L CAP 4P



TE Part # 1-172169-2
MINI UNIVERSAL M-N-L PLUG 9P



TE Part # 1-172169-9
9 POS TR MINI UNIV



TE Part # 1-172332-9
MUMNL PM CAP 9P

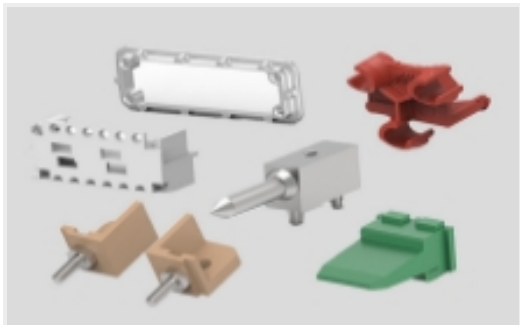
Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(89)



Connector Hardware(4)



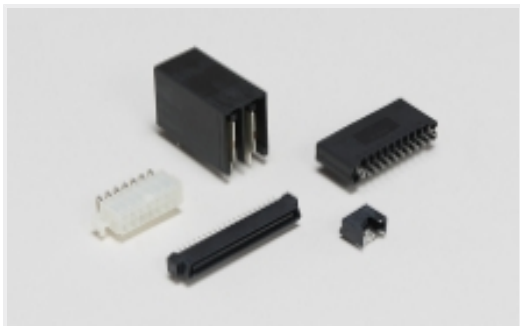
Power Contacts(89)



Rectangular Connector Housings(104)



Rectangular Power Connectors(196)

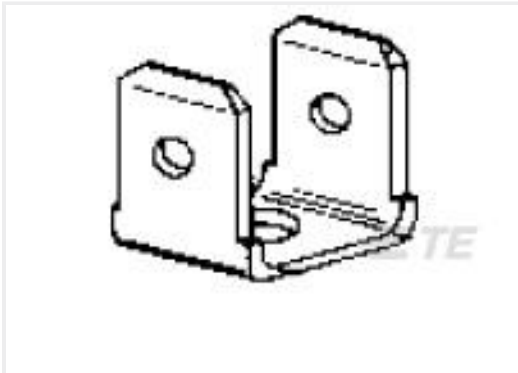


Standard Rectangular Connectors(104)

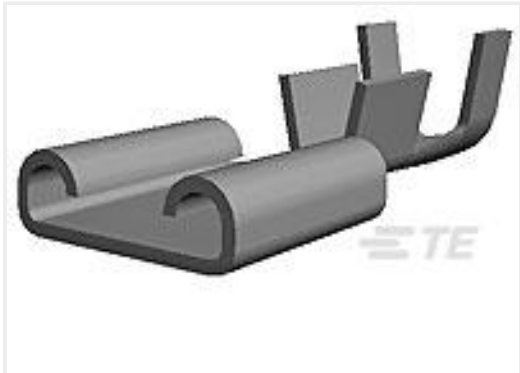
Customers Also Bought



TE Part #NB32776001
ATUM-6/2-0-50MM



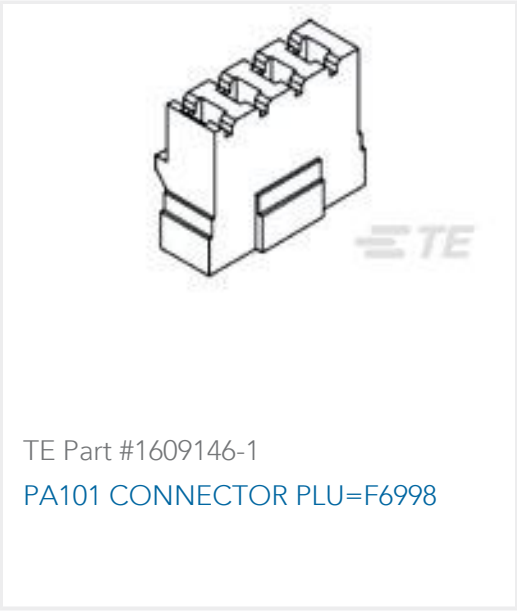
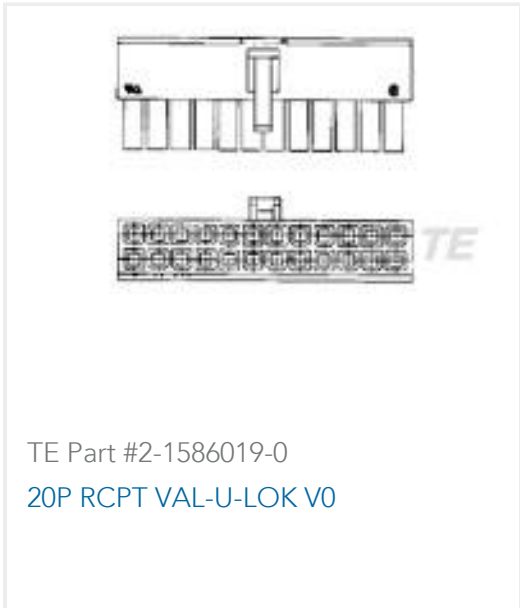
TE Part #61914-1
187 FASTON TAB PBR



TE Part #6-160465-0
250 FASTON REC 18-16 AWG TPBR



TE Part #7-180984-5
250 FASTON BOOT FLAG REC. 1P BLACK



Documents

Product Drawings

MINI UMNL CONT 20-16AWG AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794406-3_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794406-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794406-3_D.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_794406-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_794406-3_B.3d_stp.zip

English

Customer View Model

ENG_CVM_794406-3_B.2d_dxf.zip

English



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Datasheets & Catalog Pages
SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG
English

Product Specifications
Application Specification
English