

1-794406-0 ✓ ACTIVE



MATE-N-LOK | Mini-Universal MATE-N-LOK

TE Internal #: 1-794406-0

Gold (Au), Pin Contact, 20 – 16 AWG, 600 VAC, 600 VDC, .5 – 1.4 mm<sup>2</sup> Wire, Crimp, Brass, Power, -55 – 105 °C [-67 – 221 °F], Mini-Universal MATE-N-LOK

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Tin**

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
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
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Contact Underplating Material Thickness	1.27 µm[50 µin]
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### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	Without
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### Dimensions

Wire Size	.5 – 1.4 mm <sup>2</sup>
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Compatible Insulation Diameter Range	2 – 3.2 mm[.079 – .126 in]
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### 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
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Packaging Method	Reel
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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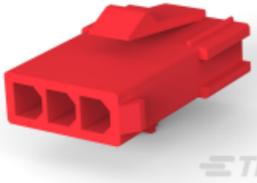
Solder Process Capability

Not reviewed for solder process capability

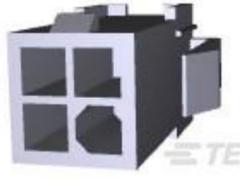
Product Compliance Disclaimer

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 # 1-172158-2  
MINI-U-M-N-L 3P CAP RED



TE Part # 1-172330-9  
UNIVERSAL MATE-N-LOK CAP 4P



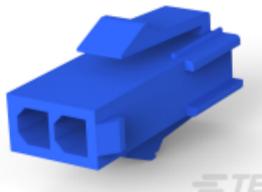
TE Part # 5-2151372-1  
OCEAN-2.0-APPLICATOR-S-070F1300-RSM



TE Part # 1-172158-6  
MINI-U-M-N-L 3P CAP BLUE



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



TE Part # 1-172157-6  
2CIR MINI U-M-N-L CAP BLUE



TE Part # 172343-1  
MINI UNIVERSAL M-N-L HOUSING



TE Part # 172327-1  
UNIV M-N-L HSG



TE Part # 172328-1  
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 2P



TE Part # 172162-1  
12 CIR UNIV M-N-L CAP



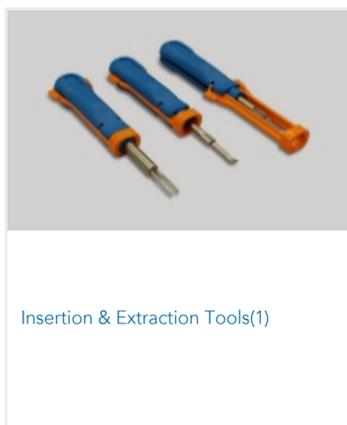
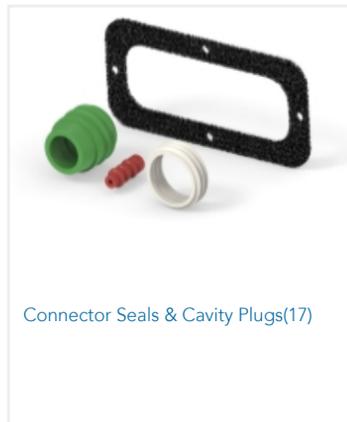
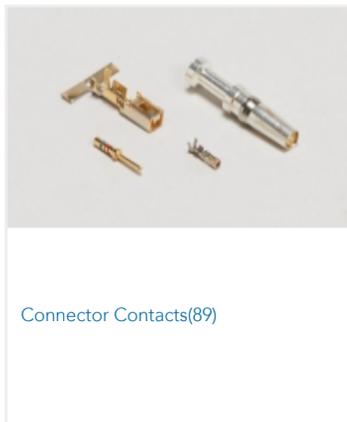
TE Part # 171638-1  
MINI U-M-N-L PIN CONT. L.P



TE Part # 2151372-2  
OCEAN-2.0-APPLICATOR-S-070F1300-RSA



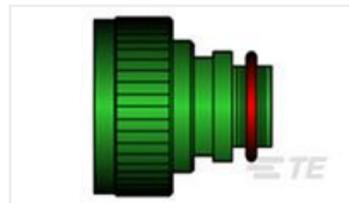
## Also in the Series | Mini-Universal MATE-N-LOK



## Customers Also Bought



TE Part #CAT-PA3-RT  
EMC / RFI Chokes RT Series & RT Series N: High-Performance Chokes for Demanding Applications



TE Part #468951-000  
TXR41AB00-1610AI



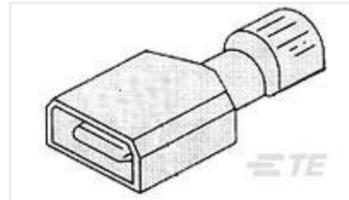
TE Part #60772-2  
RING CRIMP 18-14 AWG TPBR



TE Part #172343-1  
MINI UNIVERSAL M-N-L HOUSING



TE Part #2-323758-1  
PIDG R 22-16 COMM 22-18 MIL 4



TE Part #4-521097-2  
ULTRA-FAST 250 ASY TAB 12-10 AWG TPBR



TE Part #4-641215-2  
12P MTA100 HDR ASSY FL/ST 30AU



TE Part #1-794609-2  
PIN CONT 26-30 30 GOLD STRIP



TE Part #969484-1  
STD TIM MK2 GEH 2P

## Documents

### Product Drawings

[MINI UMNL SOK 20-16 AWG AU LF](#)

English

### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_1-794406-0\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-794406-0\\_B.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-794406-0\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D



### Customer View Model

[ENG\\_CVM\\_CVM\\_1-794406-0\\_D.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-794406-0\\_D.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-794406-0\\_D.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

### Product Specifications

[Product Specification](#)

English

[Product Specification](#)

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