

170362-3 ✓ ACTIVE

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

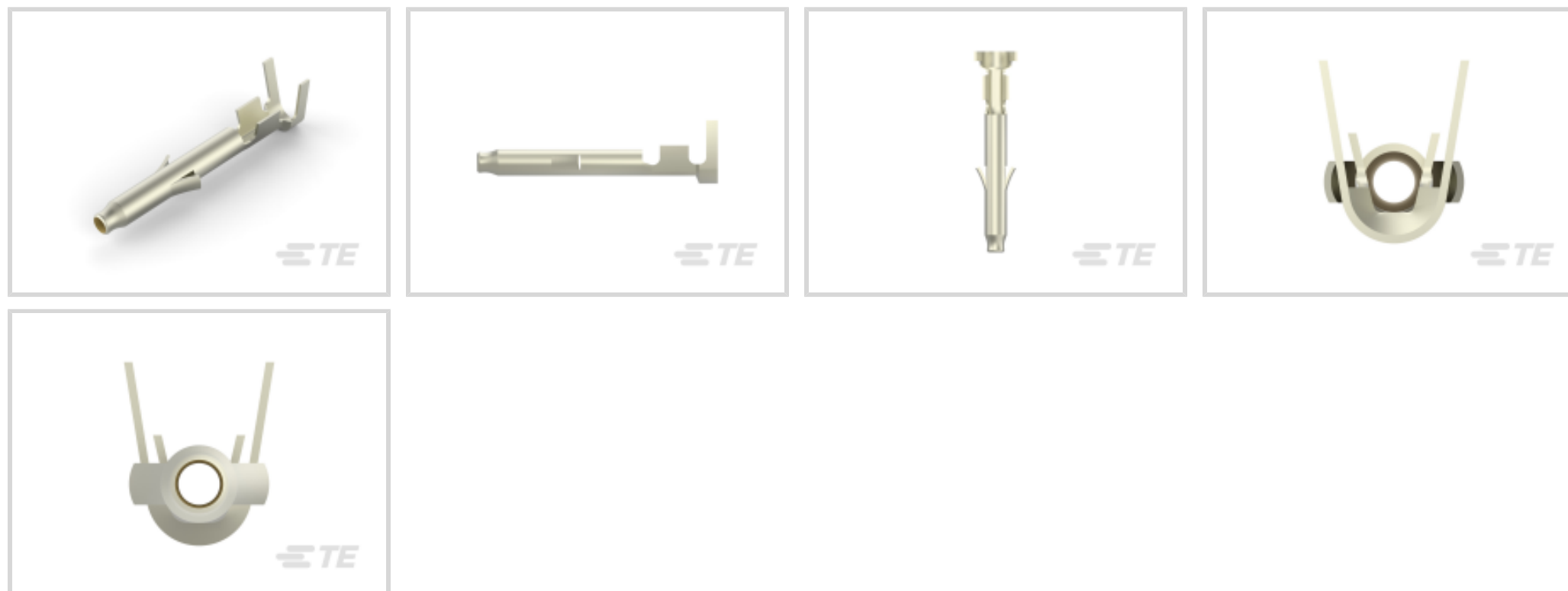
TE Internal #: 170362-3

Gold (Au), Socket Contact, 22 – 18 AWG, 600 VAC, 600 VDC, .3 – .89 mm² Wire, Crimp, Brass, Power, Mini-Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

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

Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type Stranded

Electrical Characteristics

Operating Voltage 600 VDC

Contact Features

Barrel Type Open

Contact Type Socket

Contact Mating Area Plating Material Gold (Au)

Wire Contact Termination Area Plating Material Gold

Contact Retention Within Housing With

Contact Base Material Brass

Contact Current Rating (Max) 7 A

Mating Pin Diameter 1 mm [.039 in]

Contact Mating Area Plating Material Thickness .76 μm [30 μin]

Wire Contact Termination Area Plating Thickness .76 μm [30 μin]

Wire Contact Termination Area Plating Material Finish Matte



Contact Orientation	Straight
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Contact Underplating Material	Nickel
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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	.3 – .89 mm ²
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Compatible Insulation Diameter Range	3.4 mm[.134 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
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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Packaging Features

Packaging Quantity	4000
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Packaging Method	Reel
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 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 # 1-172335-4
MINI U-M-N-L PLUG 1P YELLOW

TE Part # 1-794894-9
02P MINI UMNL PLUG SEALED BLK

TE Part # 2-172168-1
6 CIR UNIV M-N-L PLUG

TE Part # 1-172336-4
MINI U-M-N-L PLUG 2P YELLOW

TE Part # 8-170360-1
MINI UNIVERSAL MATE N LOK PIN.
22-18 AWG

TE Part # 8-170362-4
MINI UNIVERSAL M-N-L SOCKET

TE Part # 1-794895-9
6P MINI UMNL PLUG SEALED BLK

TE Part # 1-794821-9
8P MINI UMNL PLUG SEALED BLK



TE Part # 172159-1
4 CIR UNIV M-N-L CAP



TE Part # 170366-1
MINI UNIVERSAL M-N-L SOCKET LP



TE Part # 170360-4
MINI UNIVERSAL M-N-L PIN

TE Part # 770903-2
MINI UMNL PIN 22-18 AWG UNPLTD



TE Part # 770903-4
MINI UMNL PIN 22-18 AWG SN



TE Part # 7-2266248-7
OC-062F110F-752-CRIMP TOOLING KIT



TE Part # 794895-1
6 CIR MINI UMNL RND WIRE HOLES



TE Part # 770582-1
14P MINI UMNL PLUG HSG



TE Part # 770847-1
03P MINI UMNL PLUG HSG



TE Part # 794894-1
02P MINI UMNL PLUGS WIRE HOLES



TE Part # 770988-1
MINI UMNL SOK 22-18AWG SN LP

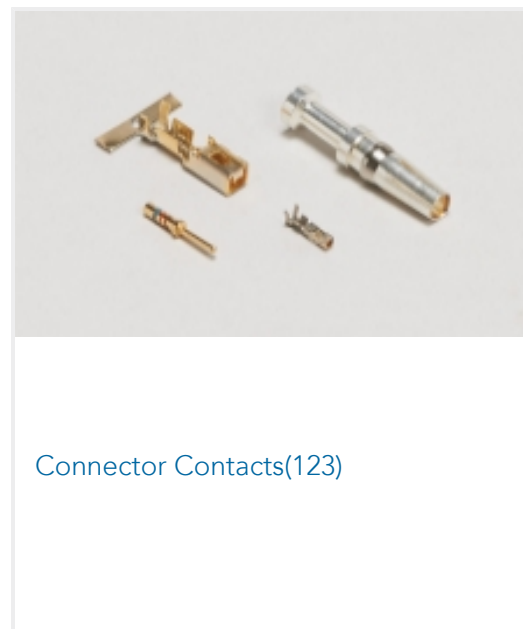


TE Part # 770583-1
16P MINI UMNL PLUG HSG

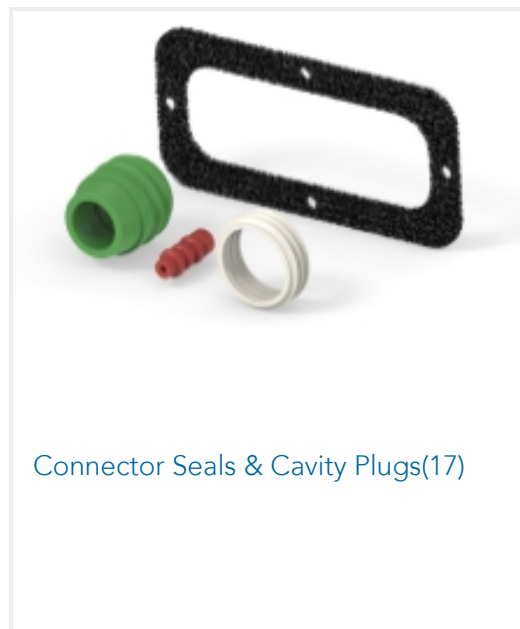
Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



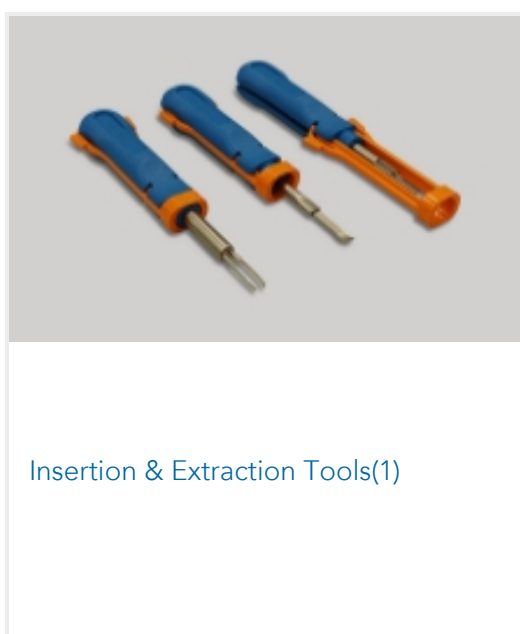
Connector Contacts(123)



Connector Seals & Cavity Plugs(17)



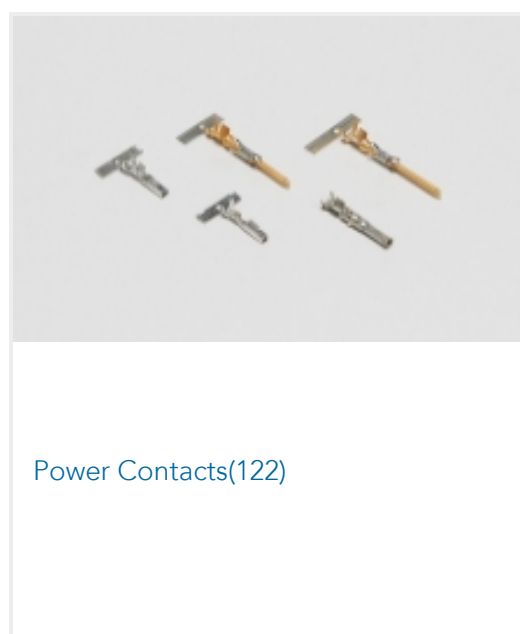
Connector Strain Relief(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)



Power Contacts(122)



Rectangular Power Connectors(241)



Wire-to-Board Headers & Receptacles (93)

Customers Also Bought



TE Part #EC0070-000
05801930



TE Part #1-102536-8
40 AMPMODU MT COVER DR .100CL



TE Part #172165-1
2 CIR UNIV M-N-L PLUG NATL



TE Part #928930-3
FF 110 TAB 0.5-1 MM2 .080 F PLAIN
CUZN30



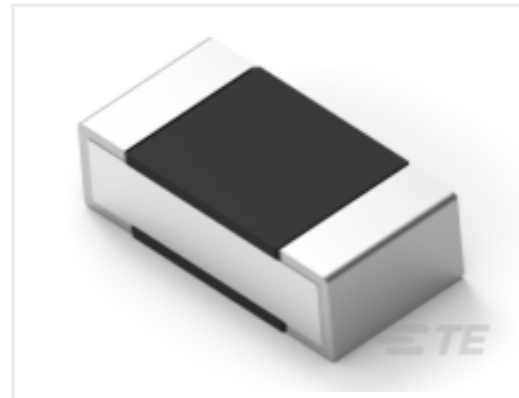
TE Part #1676182-2
RN 0805 13K7 0.1% 10PPM 1KRL



TE Part #4-1703773-1
6POS, TAB 1.6X0.6, PIN HSG, ASSY



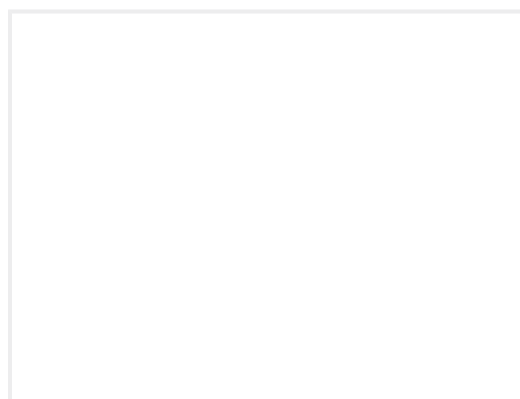
TE Part #2-1879354-2
RR03 5% 2R4 AMMO



TE Part #3-2176304-3
RP 1E 0.1W 21R5 0.1% 25PPM 5K RL



TE Part #2406865-1
SMP JACK ST FOR TFLEX-402, .141
CABLE



TE Part #ZPF00000000020872
TSE 20-01

Documents

Product Drawings

MINI UNIVERSAL M-N-L SOCKET

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170362-3_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170362-3_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170362-3_N.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



[mini-universal-mate-n-lok-connectors](#)

English

Product Specifications

[Application Specification](#)

English

[Crimping of Mini-Universal MATE-N-LOK Contact](#)

Japanese

[Application Specification](#)

Japanese

Instruction Sheets

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

Japanese

[Mini-Universal MATE-N-LOK Connector](#)

Japanese