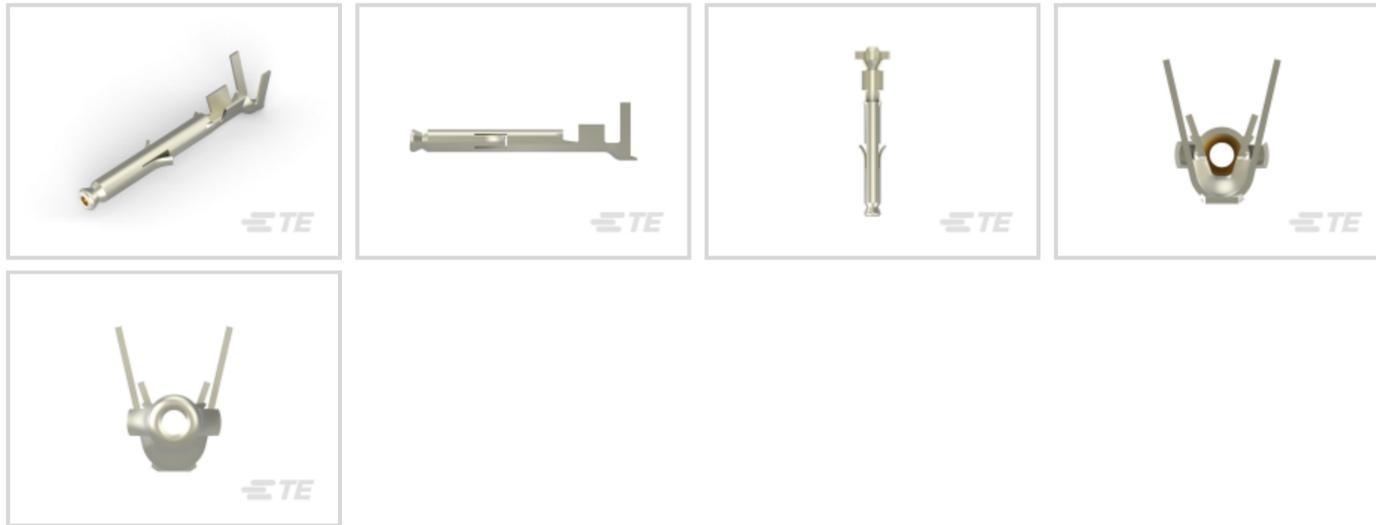




Connectors > Contacts > Connector Contacts



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
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Electrical Characteristics

Operating Voltage	600 VDC
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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]
Contact Orientation	Straight

Contact Underplating Material	Nickel
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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	.3 – .89 mm ²
Compatible Insulation Diameter Range	3.4 mm[.134 in]

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	300
Packaging Method	Bag

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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
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 # 1-172168-4
6P MINI USL M-N-L PLUG HSG



TE Part # 1-172169-4
MINI USL M-N-L PLUG HSG



TE Part # 1-172163-2
15 POS TR MINI UNIV



TE Part # 1-172342-4
MINI U-M-N-L PLUG 15P YELLOW



TE Part # 2825163-1
MINI UMNL PIN 20-18 AWG AU LP



TE Part # 1-172339-4
MINI U-M-N-L PLUG 6P YELLOW



TE Part # 455830-1
INSERTION TOOL



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



TE Part # 172169-1
9 CIR UNIV M-N-L PLUG



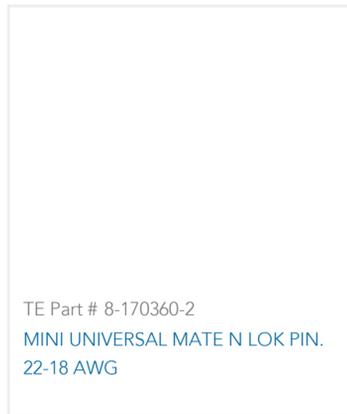
TE Part # 172160-1
6 CIR UNIV M-N-L CAP



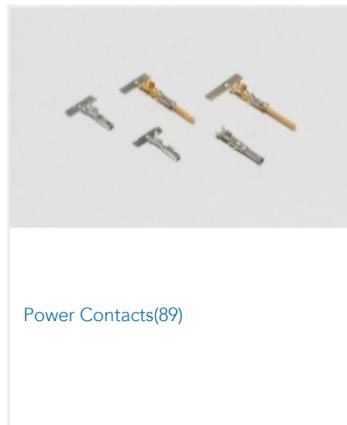
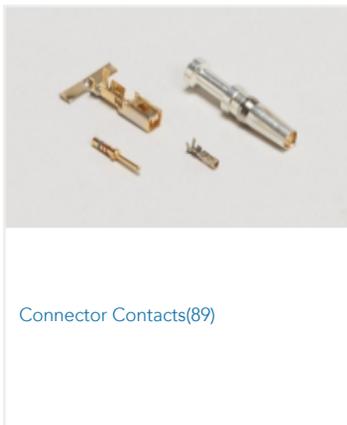
TE Part # 770987-3
MINI UMNL PIN 22-18 AWG AU LP



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

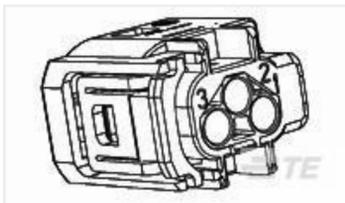


Also in the Series | Mini-Universal MATE-N-LOK

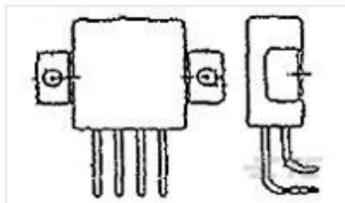


Customers Also Bought





TE Part #1376235-1
MQS SOCKET HSG 3P ASSY



TE Part #4-1617752-5
FCA-215-HZ4



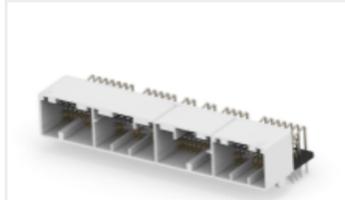
TE Part #3-2176566-1
3430 A3 1% 16R 200ppm 1k RL



TE Part #6609035-8
6ESK7M=F7229 S0



TE Part #C95590-000
1330-3300-101TT



TE Part #2-1376430-2
025/040 135POS CAP ASSY

Documents

Product Drawings

MINI UNIVERSAL M-N-L SOCKET LP

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170366-3_1_c-170366-3-1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170366-3_1_c-170366-3-1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170366-3_1_c-170366-3-1.3d_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

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