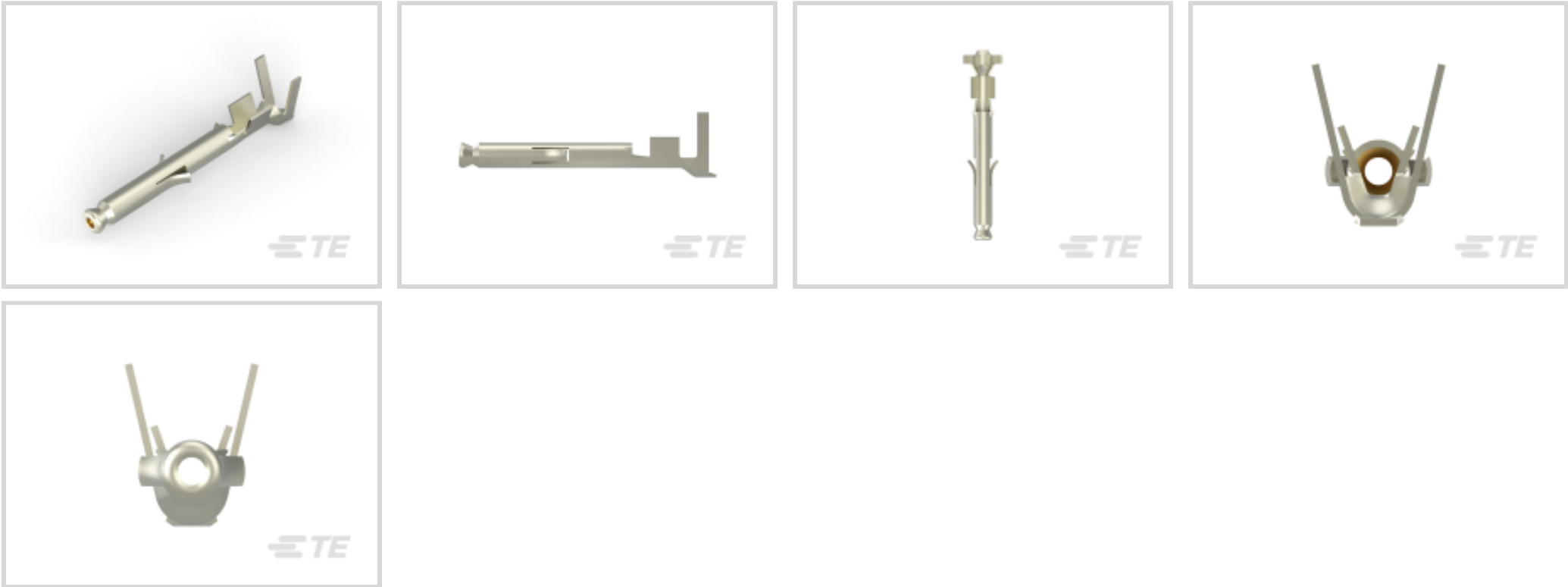




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

Mating Pin Diameter	1 mm[.039 in]
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Base Material	Brass



Contact Current Rating (Max)	7 A
Termination Features	
Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	Without
Dimensions	
Compatible Insulation Diameter Range	3.4 mm[.134 in]
Wire Size	.3 - .89 mm²
Usage Conditions	
Operating Temperature Range	-20 - 105 °C[-4 - 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Compatible With Agency/Standards Products	CSA, UL
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 91522-1 CCII MINI UNML PIN SKT 22-18 ASSY	 TE Part # 90759-1 PROCrimp TL W/DIE MIN UNIV MNL	 TE Part # 189727-1 EXTRACTION TOOL	 TE Part # 455830-1 INSERTION TOOL
 TE Part # 770586-1 22P MINI UMNL PLUG HSG	 TE Part # 770587-1 24P MINI UMNL PLUG HSG	 TE Part # 770582-1 14P MINI UMNL PLUG HSG	 TE Part # 770585-1 20P MINI UMNL PLUG HSG
 TE Part # 172333-1 MINI UNIVERSAL M-N-L HOUSING	 TE Part # 770581-1 12P MINI UMNL PLUG HSG	 TE Part # 770580-1 10P MINI UMNL PLUG HSG	 TE Part # 770584-1 18P MINI UMNL PLUG HSG
 TE Part # 172328-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 2P	 TE Part # 172330-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 4P	 TE Part # 172344-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P	 TE Part # 172170-1 12 CIR UNIV M-N-L PLUG



TE Part # 172337-1
MINI UMNL PLUG HOUSING 3P

TE Part # 172171-1
15 CIR UNIV M-N-L PLUG

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

TE Part # 172338-1
MINI UMNL PLUG HOUSING 4P

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

Connector Caps & Covers(2)

Connector Contacts(89)

Connector Hardware(4)

Connector Seals & Cavity Plugs(17)

Connector Strain Relief(2)

Insertion & Extraction Tools(1)

Rectangular Power Connectors(197)

Customers Also Bought

TE Part # 6609068-2
16AYA6A=F7745A

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

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

TE Part # 2-2176094-6
RP 2A 0.25W 221K 0.1% 25PPM 1K RL

TE Part # 1445022-7
MICRO MNL RFECEPT HSG SINGLE R

TE Part # 1-350779-1
04P UMNL V0 PLUG HSG BROWN

TE Part # 172780-1
MIC MARK-2 TAB CONTACT L.P



Documents

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.

Product Specifications

Application Specification - Mini-Universal MATE-N-LOK 2 Connectors

English

Crimping of Mini-Universal MATE-N-LOK Contact

Japanese

Crimping of Mini-Universal MATE-N-LOK Contact

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Mini-Universal MATE-N-LOK Connector

Japanese