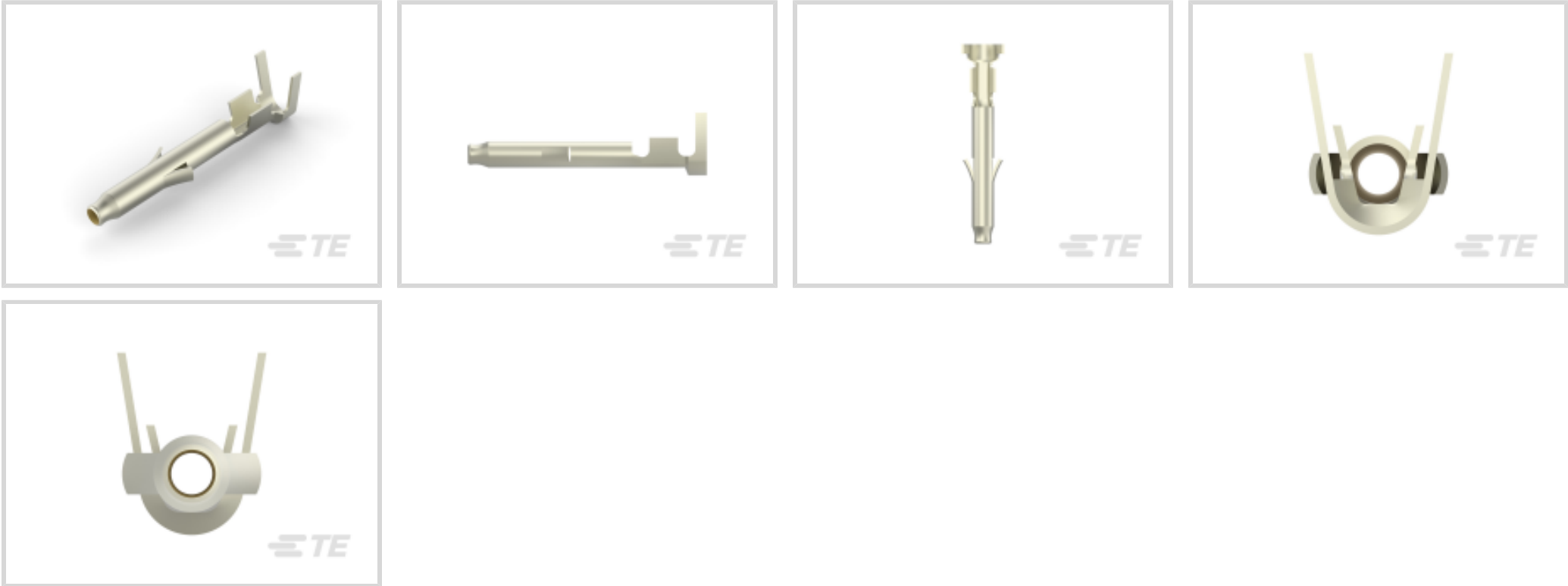




Connectors > Contacts > Connector Contacts



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]
Wire Contact Termination Area Plating Material Finish	Matte



Contact Orientation	Straight
Contact Underplating Material	Nickel

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 mm²
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	4000
Packaging Method	Reel

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



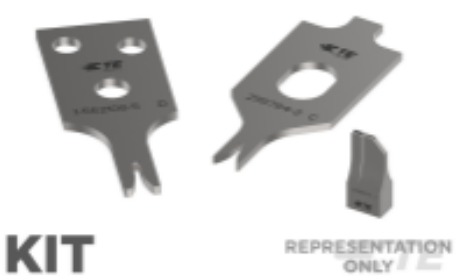
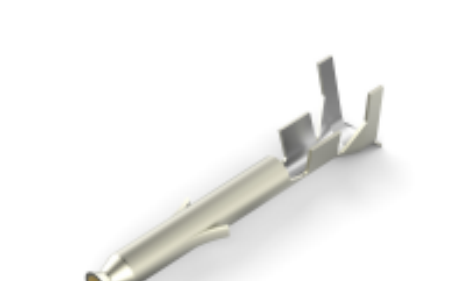
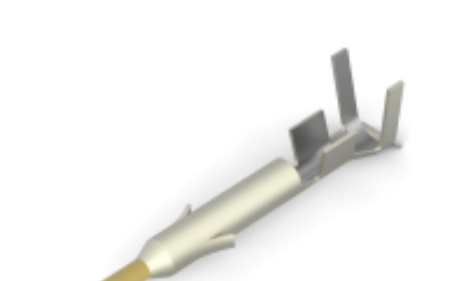
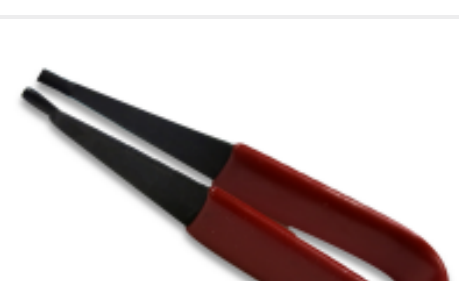
Solder Process Capability

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

 KIT REPRESENTATION ONLY TE Part # 7-2410766-7 OCEAN_2.0_SPARE_PART_KIT-062F110F	 TE Part # 2825163-1 MINI UMNL PIN 20-18 AWG AU LP	 TE Part # 2354054-1 MINI UMNL SOK 20-18 AWG AU LP	 TE Part # 2354054-2 MINI UMNL SOK 20-18 AWG SN LP
 TE Part # 794440-2 MINI UMNL PIN BRASS SN UNPL	 TE Part # 1-770988-0 MINI UMNL SOK 22-18AWG AU	 TE Part # 1-770903-1 MINI UMNL PIN 22-18 AWG AU LF	 TE Part # 172169-1 9 CIR UNIV M-N-L PLUG
 TE Part # 170366-4 MINI UNIVERSAL M-N-L SOCKET LP	 TE Part # 455830-1 INSERTION TOOL	 TE Part # 172160-1 6 CIR UNIV M-N-L CAP	 TE Part # 172339-1 MINI UMNL PLUG HOUSING 6P



TE Part # 170366-3
MINI UNIVERSAL M-N-L SOCKET LP

TE Part # 170364-1
MINI UNIVERSAL M-N-L PIN LP

TE Part # 1-172165-2
2CIR MINI U-M-N-L PLUG RED

TE Part # 1-172168-9
MINI UNIVERSAL M-N-L PLUG 6P

TE Part # 1-172168-4
6P MINI USL M-N-L PLUG HSG

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

TE Part # 8-170360-2
MINI UNIVERSAL MATE N LOK PIN.
22-18 AWG

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

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 #D369-P66-NP0
369 6 WAY PLUG, NO CONTACTS,
PIN

TE Part #5-104363-9
10 MTE HDR SRST LATCH .100CL

TE Part #204219-1
PIN CONTACT ASSY.

TE Part #2-603227-9
CABLE TIE, NAT, 6" L, 1000/PACK

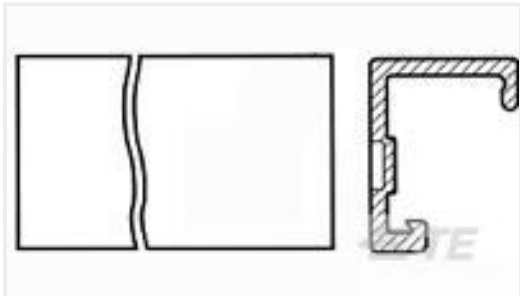




TE Part #1-604751-9
CABLE TIE,11-3/4" L, NAT,100PK



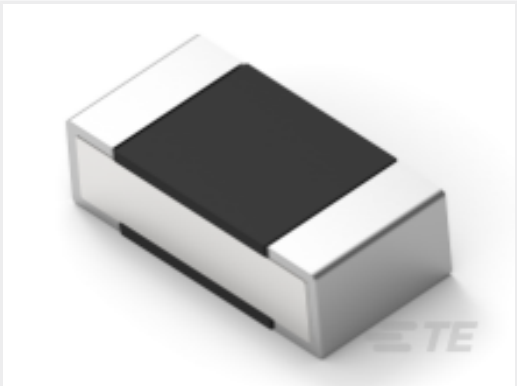
TE Part #2-604772-9
CABLE TIE, NATURAL, 8" L, 1000/PK



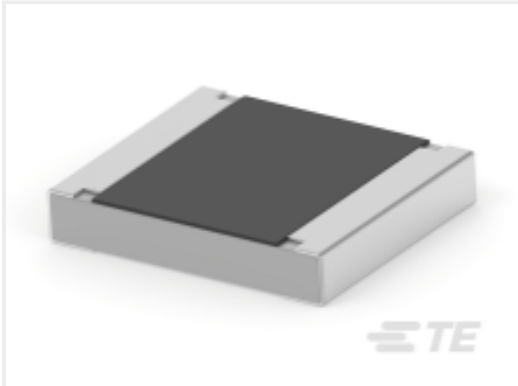
TE Part #1-640551-3
13P MTA156 COVER



TE Part #788085-1
TYPE III+ PIN ASSEMBLY,.062



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



TE Part #1-2176346-6
CRGCQ 1210 330R 5%

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.

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