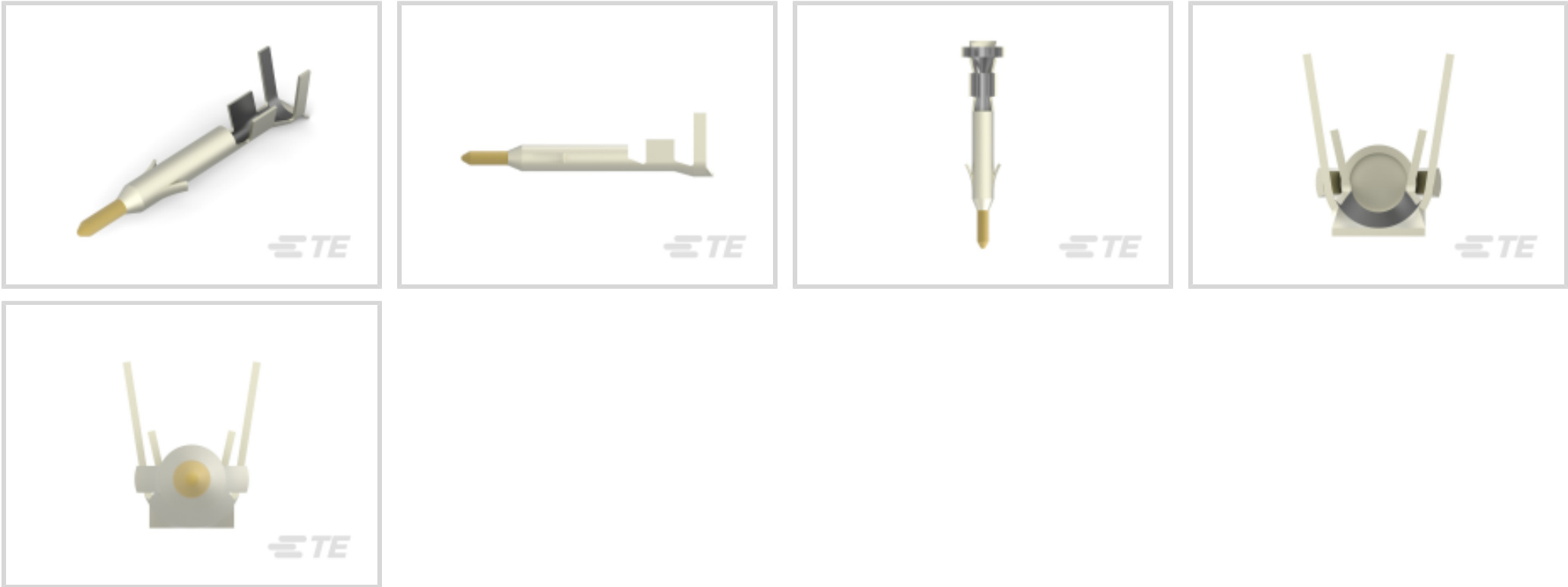




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Tin-Lead**
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 Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1 mm[.039 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With



Contact Base Material	Brass
Contact Current Rating (Max)	11.2 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	1.5 – 2.39 mm[.059 – .094 in]
Wire Size	.3 – .9 mm²

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
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (13% in 4690948374) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per



homogenous material. Also BFR/CFR/PVC Free

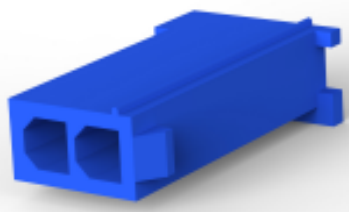
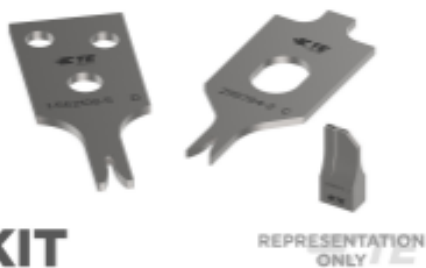
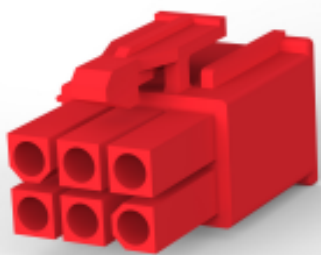
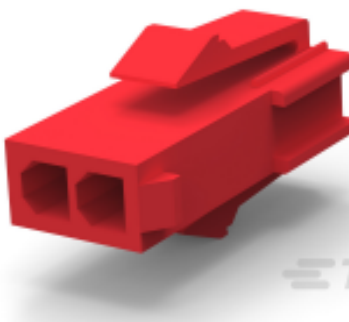
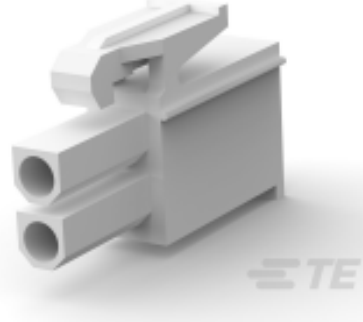
Solder Process Capability

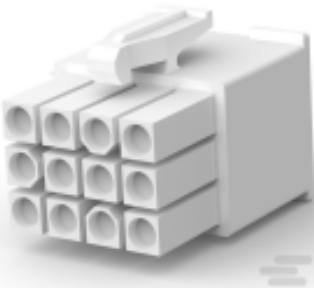
Not applicable for solder process capability

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 # 1-172233-6 2 POS MINI UNIV FREE HANG BLUE	 TE Part # 172340-1 MINI UMNL PLUG HOUSING 9P	 TE Part # 1445510-1 REC,8-3,FRE HNG,SM INS,STD KEY	 TE Part # 1445822-3 REC,11-7,FLNG MT,LG INS,STD KE
 TE Part # 172233-1 2 POS MINI UMNL CAP HOUSING	 TE Part # 7-2266248-7 OC-062F110F-752-CRIMPTOOLINGKIT	 TE Part # 172337-1 MINI UMNL PLUG HOUSING 3P	 TE Part # 1-172168-2 MINI UNIVERSAL M-N-L PLUG 6P
 TE Part # 1-172157-2 2CIR MINI U-M-N-L CAP RED	 TE Part # 770580-1 10P MINI UMNL PLUG HSG	 TE Part # 172336-1 2P MINI UMNL PLUG HOUSING	 TE Part # 770583-1 16P MINI UMNL PLUG HSG



TE Part # 172170-1
12 CIR UNIV M-N-L PLUG



TE Part # 172161-1
9 CIR UNIV M-N-L CAP



TE Part # 1445537-3
REC,8-3,FLNG MT,LG INS,STD KEY



TE Part # 1445807-1
PLUG,11-9,SM INS,STD KEY



TE Part # 1445807-3
PLUG,11-9,LG INS,STD KEY



TE Part # 1445538-3
REC,8-2,FLNG MT,LG INS,STD KEY



TE Part # 1445827-1
REC,11-7,FRE HNG,SM INS,STD KE



TE Part # 1445818-3
PLUG,11-7,LG INS,STD KEY

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)

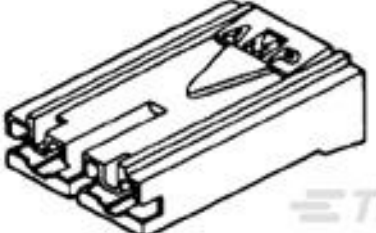
Customers Also Bought



TE Part #1658543-2
SOCKET CONT DUPL PLT STRIP HD-



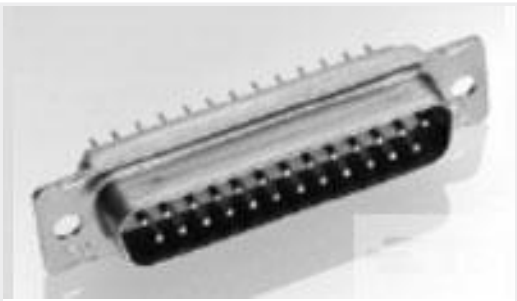
TE Part #D369-R33-NP1
369 3 WAY REC, CRIMP, PIN



TE Part #179720-1
187 HSG. PL MKII REC. 10mm 2P NAT



TE Part #3-640601-3
03P MTA156 CONN ASSY 22AWG LF



TE Part #204513-2
AMPLIMITE,ASY,PLUG,STD,90,1



TE Part #D369-P33-NS1
369 3 WAY PLUG, CRIMP, SKT



TE Part #1-770904-0
MINI UMNL SOK 22-18 AWG AU



TE Part #1776088-1
CMC RECEPT ASSY,SIZE 28-16



TE Part #794941-1
08P MINI UMNL CAP HSG



TE Part #YDTS26W11-05PNV001
PLUG ASSY

Documents

Product Drawings

MINI UMNL PIN 22-18 AWG AU

English

CAD Files

Customer View Model

ENG_CVM_CVM_770903-3_U.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770903-3_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770903-3_U.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

770903-3

Pin Contact, Gold (Au), 600 VAC, 600 VDC, 22 – 18 AWG, .3 – .9 mm² Wire, Crimp,
Brass, Power, -55 – 105 °C [-67 – 221 °F], Mini-Universal MATE-N-LOK



English