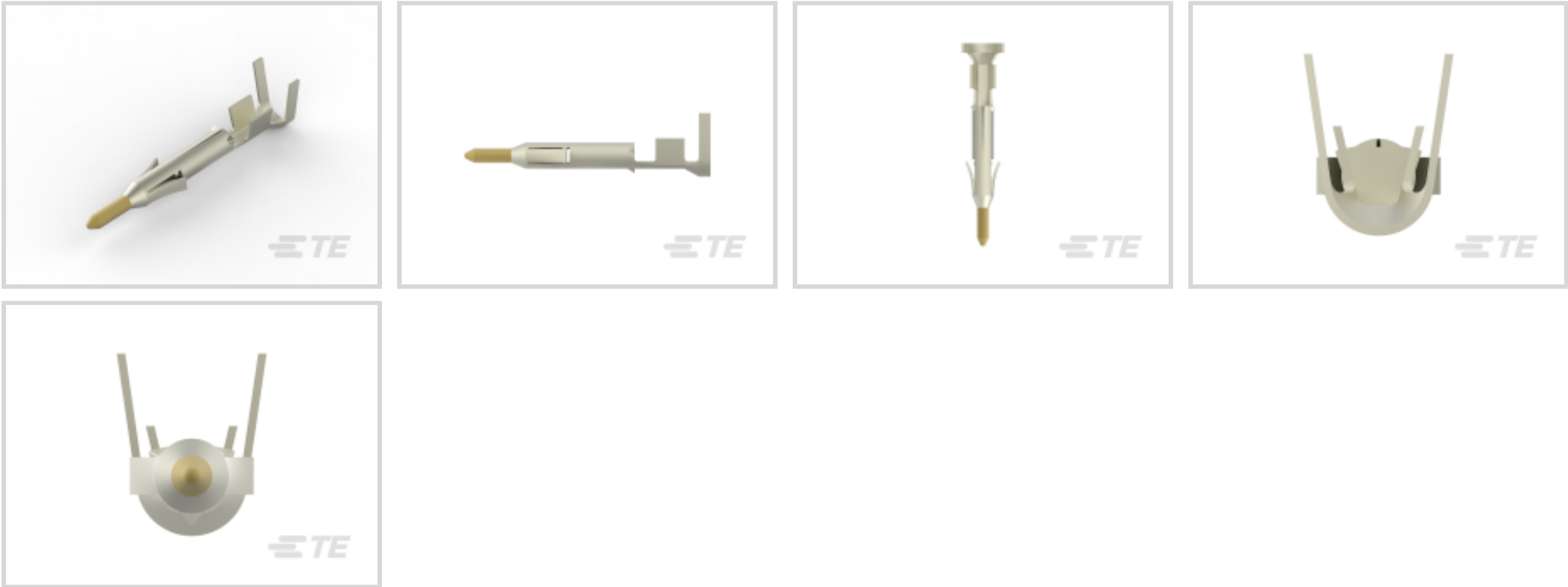




Connectors > Contacts > Connector Contacts



Contact Type: Pin

Contact Mating Area Plating Material: Gold (Au)

Wire Contact Termination Area Plating Material: Nickel

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 Shape & Form	Round
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Nickel
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

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

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
UL Flammability Rating	UL 94V-0

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC

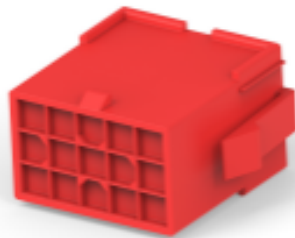
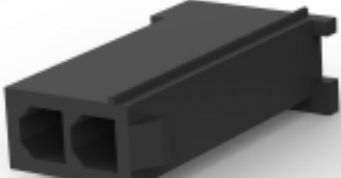
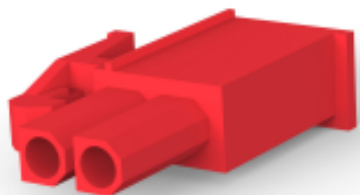
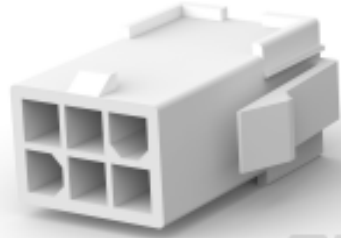
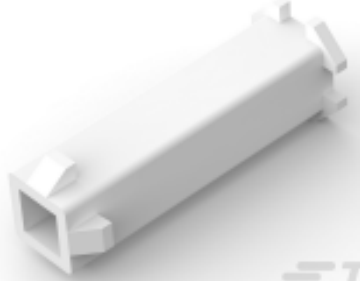
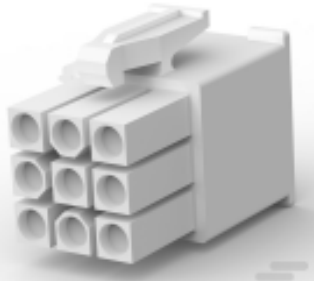
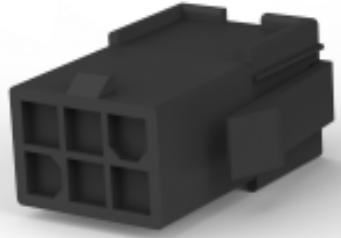


Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 1-172328-5 2 POS SR MINI UNIV	 TE Part # 1-172163-2 15 POS TR MINI UNIV	 TE Part # 1-172337-4 MINI U-M-N-L PLUG 3P YELLOW	 TE Part # 1-172233-9 2P MINI UNIV FREE HANG BLACK
 TE Part # 1-172165-2 2CIR MINI U-M-N-L PLUG RED	 TE Part # 172342-1 MINI UMNL PLUG HOUSING 15P	 TE Part # 172331-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 6P	 TE Part # 172330-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 4P
 TE Part # 172156-1 1 CIR UNIV M-N-L CAP	 TE Part # 172169-1 9 CIR UNIV M-N-L PLUG	 TE Part # 1-172161-9 MINI UNIVERSAL M-N-L CAP 9P	 TE Part # 1-172160-9 MINI UNIVERSAL M-N-L CAP 6P



TE Part # 1-172160-2
MINI UNIVERSAL M-N-L CAP 6P

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

TE Part # 1-172162-2
12 POS TR MINI UNIV

TE Part # 172339-1
MINI UMNL PLUG HOUSING 6P

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

TE Part # 455830-1
INSERTION TOOL

TE Part # 91522-1
CCII MINI UNML PIN SKT 22-18 ASSY

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

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

Connector Caps & Covers(2)

Connector Contacts(89)

Connector Seals & Cavity Plugs(17)

Connector Strain Relief(2)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(93)

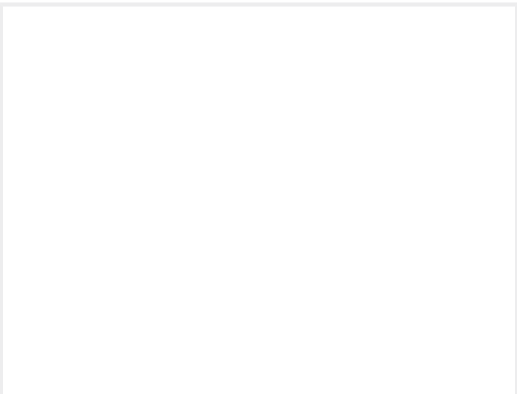
Power Contacts(89)

Rectangular Power Connectors(196)

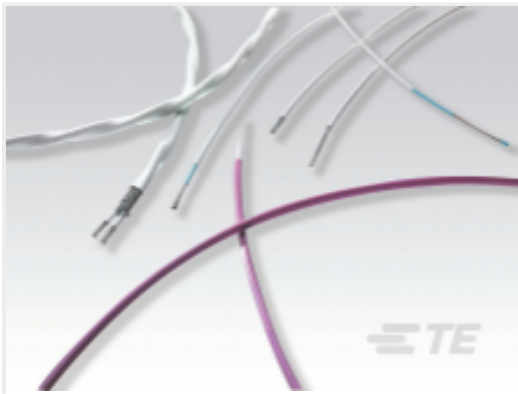
Wire-to-Board Headers & Receptacles
(93)

Customers Also Bought





TE Part #T4104000000-000
AM12 MALE PROTECT CAP



TE Part #609707-000
55A4821-22-9/96-9CS2275



TE Part #YD369-HR33-NP00000
369 HARSH 3 WAY REC, PIN -
BACC65CR1PN



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



TE Part #3-1418888-2
6POS,TAB0.63X0.63,HDR,90DEG,
SLDR,COD C



TE Part #1939588-1
DYNAMIC D-1000 KEYING PLUG



TE Part #2201855-6
MINI I/O PLUG KIT TYPE I LL



TE Part #2-2366515-8
DYNAMIC D1000 SLIM REC HSG 8P Y
KEY



TE Part #86517-000
FLDS803-51 LIQUID LEVEL SENSOR



TE Part #6-1768392-9
HPR100A-030008-5-9

Documents

Product Drawings

MINI UNIVERSAL M-N-L PIN LP

English

CAD Files

Customer View Model

ENG_CVM_170364-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_170364-3_C.3d_stp.zip

English

Customer View Model

ENG_CVM_170364-3_C.2d_dxf.zip

English

3D PDF

English

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

Product Specifications



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