



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With



Contact Base Material	Phosphor Bronze
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: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) 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 # 1-172163-2 15 POS TR MINI UNIV	 TE Part # 1-172328-5 2 POS SR MINI UNIV	 TE Part # 1-172337-4 MINI U-M-N-L PLUG 3P YELLOW	 TE Part # 172331-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 6P
 TE Part # 1-172160-9 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 # 1-172165-2 2CIR MINI U-M-N-L PLUG RED
 TE Part # 1445390-1 PLUG,8-4,SM INS,STD KEY	 TE Part # 1445510-3 REC,8-3,FRE HNG,LG INS,STD KEY	 TE Part # 1445822-1 REC,11-7,FLNG MT,SM INS,STD KE	 TE Part # 172156-1 1 CIR UNIV M-N-L CAP



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



TE Part # 1445825-1
RECPT,11-9,FREE HNG,STD KEY



TE Part # 1445820-1
PLUG,11-5,SM INS,STD KEY



TE Part # 1445421-1
REC,8-4,FLNG MT,SM INS,STD KEY



TE Part # 1445538-1
REC,8-2,FLNG MT,SM INS,STD KEY



TE Part # 1445829-1
REC,11-5,FRE HNG,SM INS,STD KE



TE Part # 1-172233-9
2P MINI UNIV FREE HANG BLACK



TE Part # 794939-1
04P MINI UMNL CAP HSG

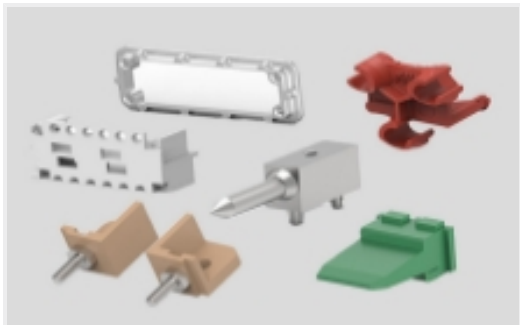
Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(89)



Connector Hardware(4)



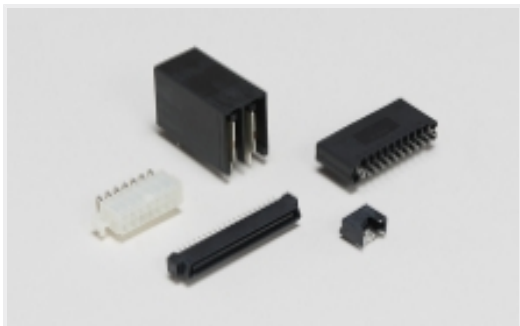
Power Contacts(89)



Rectangular Connector Housings(104)



Rectangular Power Connectors(196)



Standard Rectangular Connectors(104)

Customers Also Bought



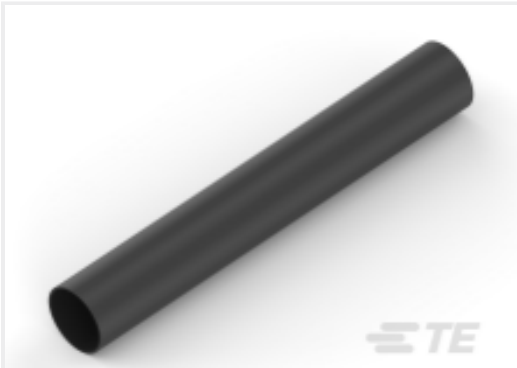
TE Part #794772-8
08P MINI UMNL SEAL,DIE CUT



TE Part #52043-4
TERMINAL R PG 4 10



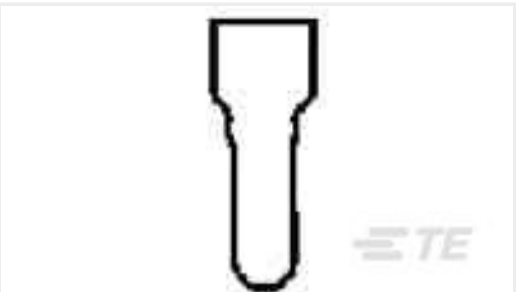
TE Part #794406-3
MINI UMNL CONT 20-16AWG AU



TE Part #NB11146001
ATUM-40/13-0-75MM



TE Part #794772-6
06P MINI UMNL SEAL,DIE CUT



TE Part #328730
SPLICE,N CE 22-10



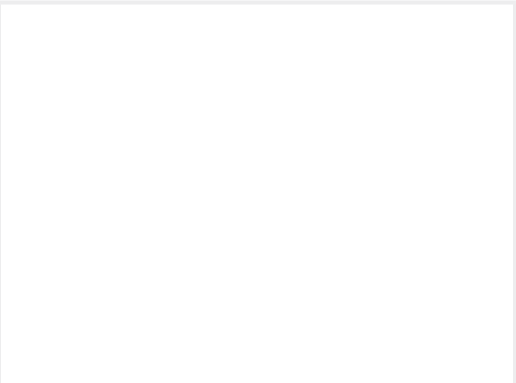
TE Part #2-34164-2
TERMINAL,PG R 16-14 3/8



TE Part #53247-2
TERMINAL,PG SPR SPD 12-10 8



TE Part #HDP24-24-19PN-L017
REC, 19P, BLK, N, RNG, 12/16, P



TE Part #0830956003
RBK-85-NR5100/A-X-12MM

Documents

Product Drawings

MINI UMNL SOK CONT 22-18AWG AU

English

CAD Files

Customer View Model

ENG_CVM_CVM_770904-6_W.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770904-6_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770904-6_W.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

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

770904-6

Socket Contact, Gold (Au), 600 VAC, 600 VDC, 22 – 18 AWG, .3 – .9 mm² Wire, Crimp, Phosphor Bronze, Power, Mini-Universal MATE-N-LOK



English