



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

Mating Pin Diameter	1 mm[.039 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

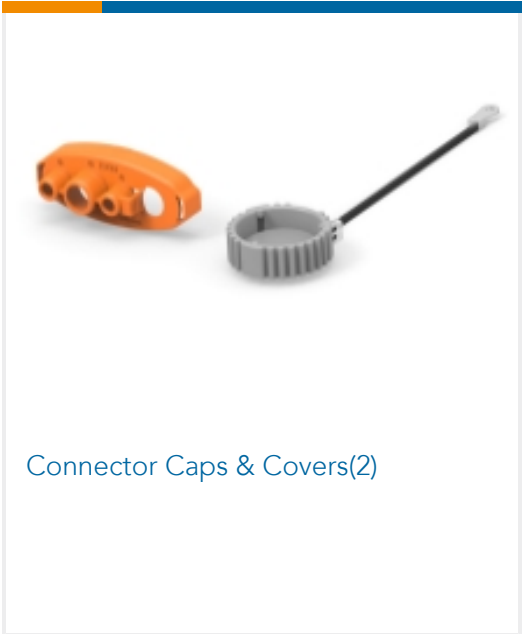
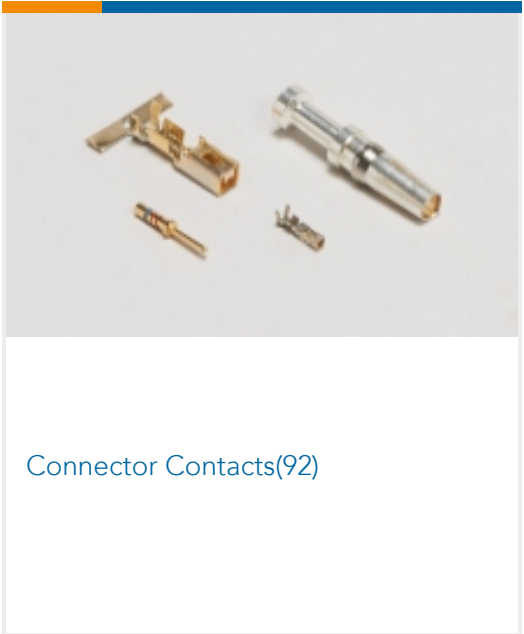



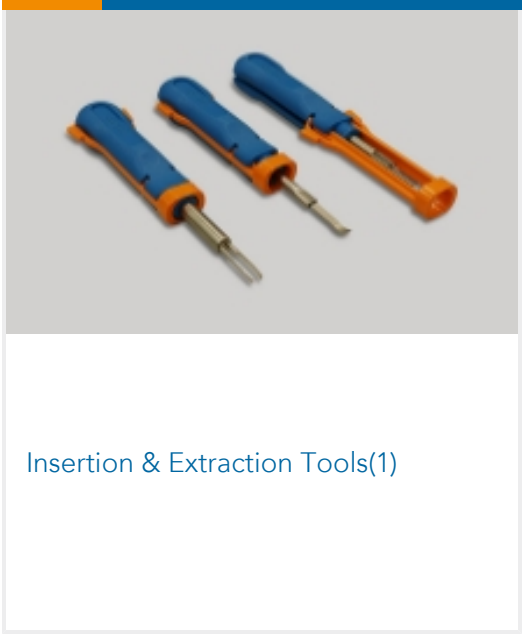


<p>TE Part # CAT-AM71-C83998EE Mini Circular Plastic Connectors (CPC)</p>	<p>TE Part # 91522-1 CCII MINI UNML PIN SKT 22-18 ASSY</p>	<p>TE Part # 2151030-1 OCEAN_2.0_APPLICATOR-S-062F110F</p>	<p>TE Part # 90759-1 PROCRIMP TL W/DIE MIN UNIV MNL</p>
<p>TE Part # 770586-1 22P MINI UMNL PLUG HSG</p>	<p>TE Part # 794942-1 10P MINI UMNL CAP HSG</p>	<p>TE Part # 770587-1 24P MINI UMNL PLUG HSG</p>	<p>TE Part # 770582-1 14P MINI UMNL PLUG HSG</p>
<p>TE Part # 770585-1 20P MINI UMNL PLUG HSG</p>	<p>TE Part # 172333-1 MINI UNIVERSAL M-N-L HOUSING</p>	<p>TE Part # 794781-1 10P MINI UMNL PLUG HSG</p>	<p>TE Part # 794941-1 08P MINI UMNL CAP HSG</p>



 <p>TE Part # 794895-1 6 CIR MINI UMNL RND WIRE HOLES</p>	 <p>TE Part # 794821-1 08P MINI UMNL PLUG HSG</p>	 <p>TE Part # 794940-1 06P MINI UMNL CAP HSG</p>	 <p>TE Part # 770581-1 12P MINI UMNL PLUG HSG</p>
 <p>TE Part # 770580-1 10P MINI UMNL PLUG HSG</p>	 <p>TE Part # 770584-1 18P MINI UMNL PLUG HSG</p>	 <p>TE Part # 172328-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 2P</p>	 <p>TE Part # 172330-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 4P</p>

Also in the Series

Mini-Universal MATE-N-LOK

 <p>Connector Caps & Covers(2)</p>	 <p>Connector Contacts(92)</p>	 <p>Connector Hardware(4)</p>	 <p>Connector Seals & Cavity Plugs(17)</p>
 <p>Connector Strain Relief(2)</p>	 <p>Insertion & Extraction Tools(1)</p>	 <p>PCB Headers & Receptacles(1)</p>	 <p>Rectangular Power Connectors(197)</p>

Customers Also Bought

 <p>TE Part #794821-1 08P MINI UMNL PLUG HSG</p>	 <p>TE Part #794772-6 06P MINI UMNL SEAL,DIE CUT</p>	 <p>TE Part #794772-8 08P MINI UMNL SEAL,DIE CUT</p>	 <p>TE Part #52957-1 TERMINAL,PG SPR SPD 16-14 10</p>
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TE Part #2-34164-2
TERMINAL,PG R 16-14 3/8

TE Part #794273-1
04P UMNL INTERFACE SEAL

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

TE Part #794758-1
MINI UMNL WIRE SEAL,18-26AWG

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

TE Part #NB32776001
ATUM-6/2-0-50MM

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, 600 VAC, 600 VDC, 22 – 18 AWG Wire Size, .3 – .9 mm² Wire Size, Crimp, Phosphor Bronze, Power, Mini-Universal MATE-N-LOK



English