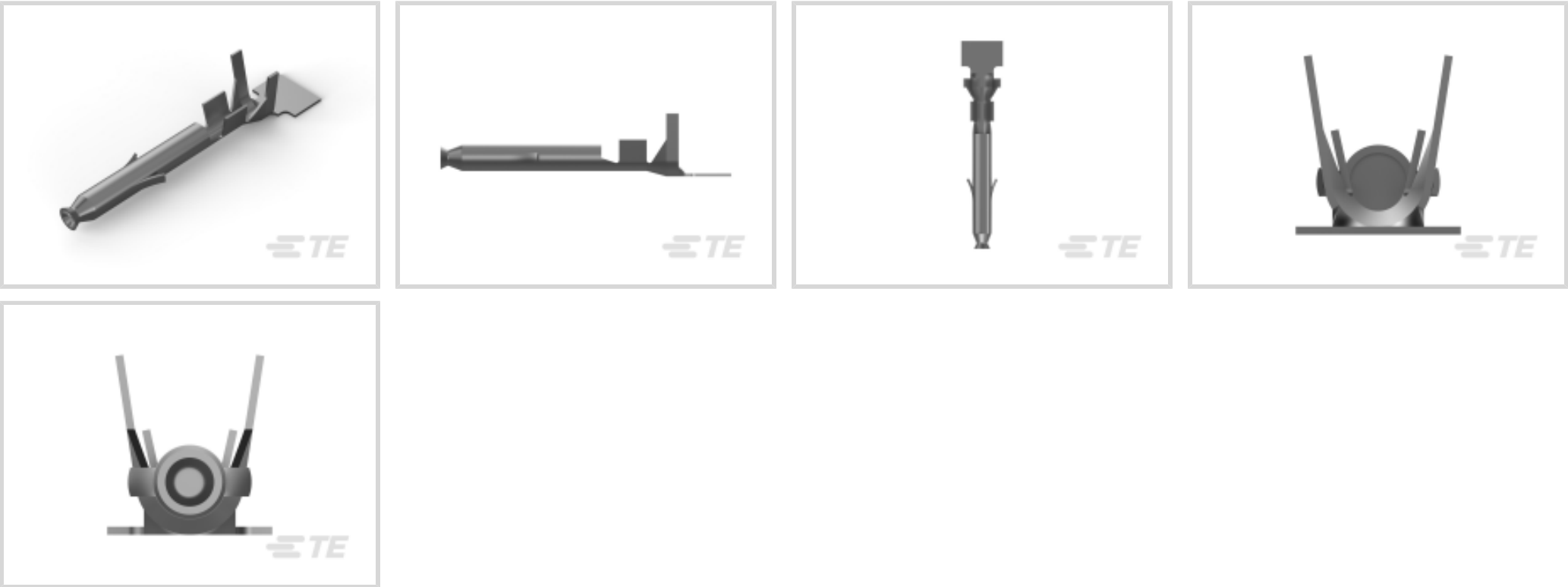




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **600 VDC**

Features

Industry Standards

Compatible With Agency/Standards Products	UL, CSA
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Product Type Features

Discrete Wire Type	Stranded
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Mechanical Attachment

Wire Insulation Support	Without
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Packaging Features

Packaging Quantity	4500
Packaging Method	Reel

Dimensions

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

Contact Features

Contact Orientation	Straight
Mating Pin Diameter	1 mm[.039 in]



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	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	11.2 A

Electrical Characteristics

Operating Voltage	600 VDC
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Termination Features

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

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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 # 91522-1
CCII MINI UNML PIN SKT 22-18 ASSY



TE Part # 90759-1
PROCRIMP TL W/DIE MIN UNIV MNL



TE Part # 189727-1
EXTRACTION TOOL



TE Part # 455830-1
INSERTION TOOL



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



TE Part # 1445828-1
REC,11-6,FRE HNG,SM INS,STD KE



TE Part # 1445421-3
REC,8-4,FLNG MT,LG INS,STD KEY



TE Part # 770586-1
22P MINI UMNL PLUG HSG



TE Part # 1445816-1
RECPT,11-9,FLNG MT,STD KEY



TE Part # 794942-1
10P MINI UMNL CAP HSG

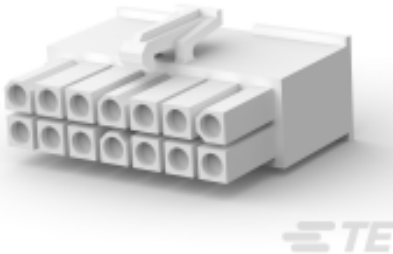
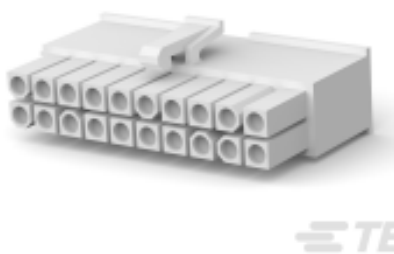
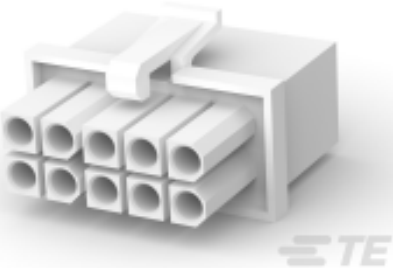
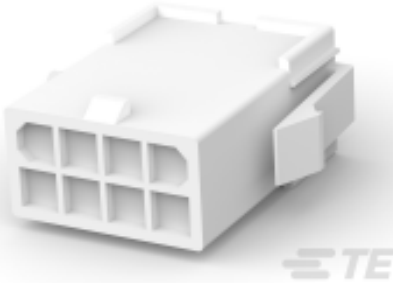


TE Part # 1445816-3
RECPT,11-9,FLNG MT,STD KEY



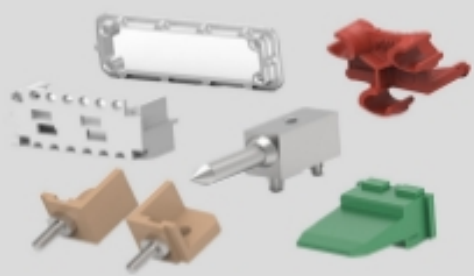
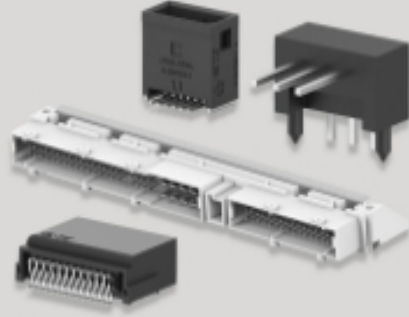
TE Part # 770587-1
24P MINI UMNL PLUG HSG



 TE Part # 770582-1 14P MINI UMNL PLUG HSG	 TE Part # 770585-1 20P MINI UMNL PLUG HSG	 TE Part # 172333-1 MINI UNIVERSAL M-N-L HOUSING	 TE Part # 794781-1 10P MINI UMNL PLUG HSG
 TE Part # 794941-1 08P MINI UMNL CAP HSG	 TE Part # 794895-1 6 CIR MINI UMNL RND WIRE HOLES	 TE Part # 794821-1 08P MINI UMNL PLUG HSG	 TE Part # 794940-1 06P MINI UMNL CAP HSG

Also in the Series

Mini-Universal MATE-N-LOK

 Connector Caps & Covers(2)	 Connector Contacts(89)	 Connector Hardware(4)	 Connector Seals & Cavity Plugs(17)
 Connector Strain Relief(2)	 Insertion & Extraction Tools(1)	 PCB Headers & Receptacles(93)	 Rectangular Power Connectors(104)

Customers Also Bought

 TE Part #794895-1 6 CIR MINI UMNL RND WIRE HOLES	 TE Part #794821-1 08P MINI UMNL PLUG HSG	 TE Part #770581-1 12P MINI UMNL PLUG HSG	 TE Part #794772-6 06P MINI UMNL SEAL,DIE CUT
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TE Part #794805-1
4 CIR UMNL PLUG,ROUND HOLES

TE Part #770583-1
16P MINI UMNL PLUG HSG

TE Part #794199-1
12P MINI UMNL2 CAP HSG DBLROW

TE Part #2-240651-0
BLADE, SLUG

TE Part #2359615-4
LUMAWISE ENDURANCE N+ Lt Gray Tall Dome

TE Part #2-1969540-2
HOUSING, PLUG, 22P,DUAL ROW, EP2.5

Documents

Product Drawings

MINI UMNL SOK 22-18 AWG SN

English

CAD Files

Customer View Model

ENG_CVM_CVM_770904-1_W.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770904-1_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770904-1_W.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications Continued

English

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English



Instruction Sheets

Instruction Sheet (U.S.)

English