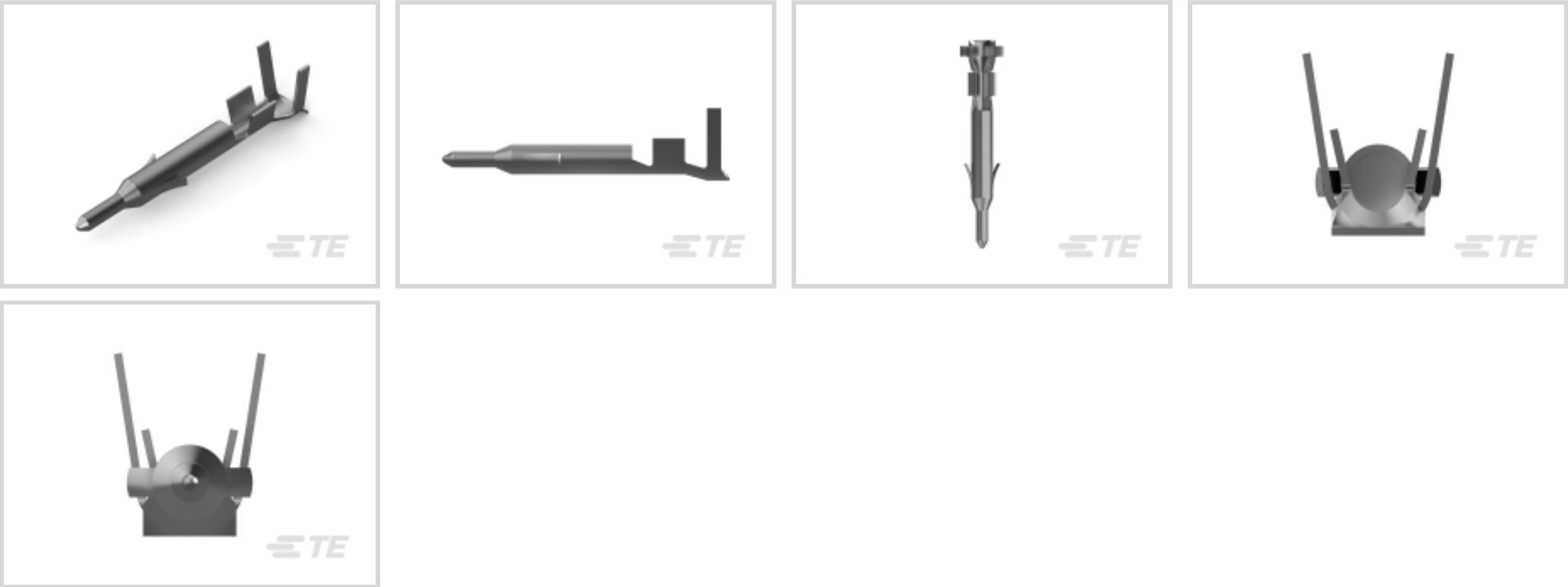




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-Tin**
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]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Type	Pin
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)	9.5 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	1000
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 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

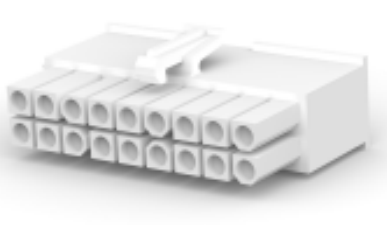
TE Part # CAT-AM71-C83998EE Mini Circular Plastic Connectors (CPC)	TE Part # 91522-1 CCII MINI UNML PIN SKT 22-18 ASSY	TE Part # 90759-1 PROCrimp TL W/DIE MINI UNIV MNL	TE Part # 189727-1 EXTRACTION TOOL
TE Part # 455830-1 INSERTION TOOL	TE Part # 770586-1 22P MINI UMNL PLUG HSG	TE Part # 794942-1 10P MINI UMNL CAP HSG	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



TE Part # 770581-1
12P MINI UMNL PLUG HSG



TE Part # 770580-1
10P MINI UMNL PLUG HSG



TE Part # 770584-1
18P MINI UMNL PLUG HSG



TE Part # 172328-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 2P

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)



Rectangular Power Connectors(197)

Customers Also Bought



TE Part #4-641215-4
14P MTA100 HDR ASSY FL/ST 30AU



TE Part #1-644753-2
12P MTA156 HDR ASSY RN STR F/L



TE Part #4-644465-0
10P MTA156 CONN ASSY 18AWG ORA



TE Part #2391253-1
SDE F TYPE III+ 13-18 ASSY



TE Part #3-640601-9
09P MTA156 CONN ASSY 22AWG LF



TE Part #3-641227-4
04P MTA156 CONN ASSY 18AWG LF



TE Part #3-647479-9
09P MTA156 CONN ASSY 18AWG ORA



TE Part #644749-2
02P MTA156 HDR ASSY STR SQ SN



Documents

Product Drawings

MINI UMNL PIN 22-18AWG SN LP

English

CAD Files

Customer View Model

ENG_CVM_CVM_770987-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770987-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770987-1_E.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