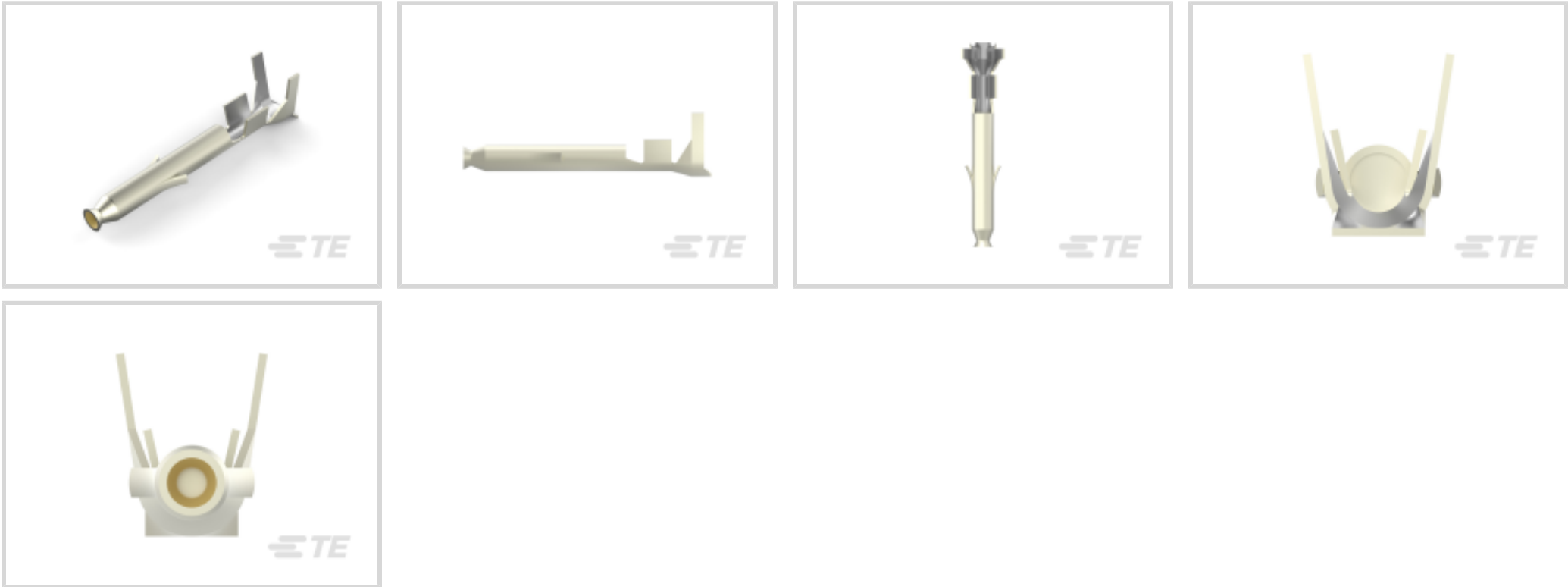




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

Contact Mating Area Plating Material: **Gold**

Wire Size: **22 – 18 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	11.2 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1 mm[.039 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material	Tin



Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

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

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

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Agency/Standard	CSA, UL

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 MIN 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 # 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

TE Part # 172330-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 4P

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

Connector Contacts(8)

Connector Seals & Cavity Plugs(17)

Connector Strain Relief(4)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(1)

Power Contacts(84)

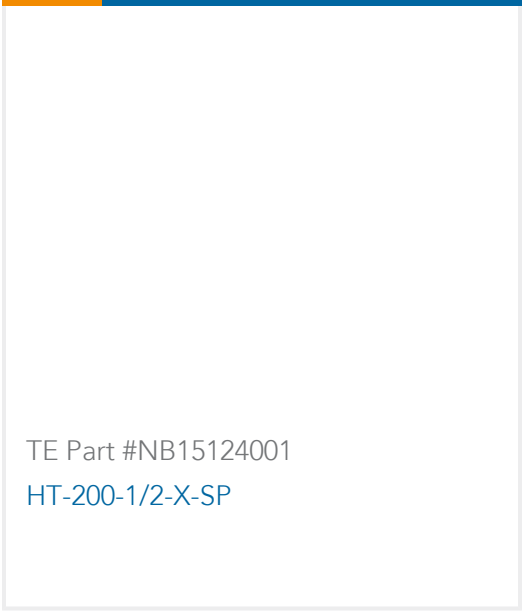
Rectangular Connector Keying Plugs(2)

Rectangular Connector Locking(2)

Rectangular Power Connectors(244)

Customers Also Bought



 TE Part #193991-4 PIN ASSY. TPE XII	 TE Part #66253-6 MALE CONTACT ASSY (STRIP)	 TE Part #211769-4 17-9 CPC RECEPT REV SEX	 TE Part #206137-5 23-7 RECEPT STD SEX
 TE Part #5-212498-1 PLUG ASSY,9C4,AMPLIMITE	 TE Part #NB15124001 HT-200-1/2-X-SP	 TE Part #346933-000 2000P-RIBBON-4AG-NAR	 TE Part #370666-000 TTMS-9.5-0
 TE Part #348788-000 TTMS-19.0-0	 TE Part #11708-1-050 M14x1.5M,0-6.667V, 800 PSI, 17-4PH, 3F C		

Documents

Product Drawings

MINI UMNL SOK 22-18AWG AU

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-770988-0_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-770988-0_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-770988-0_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

Product Environmental Compliance

MD_1-770988-0_03312015136_dmtec

English

MD_1-770988-0_03312015136_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English