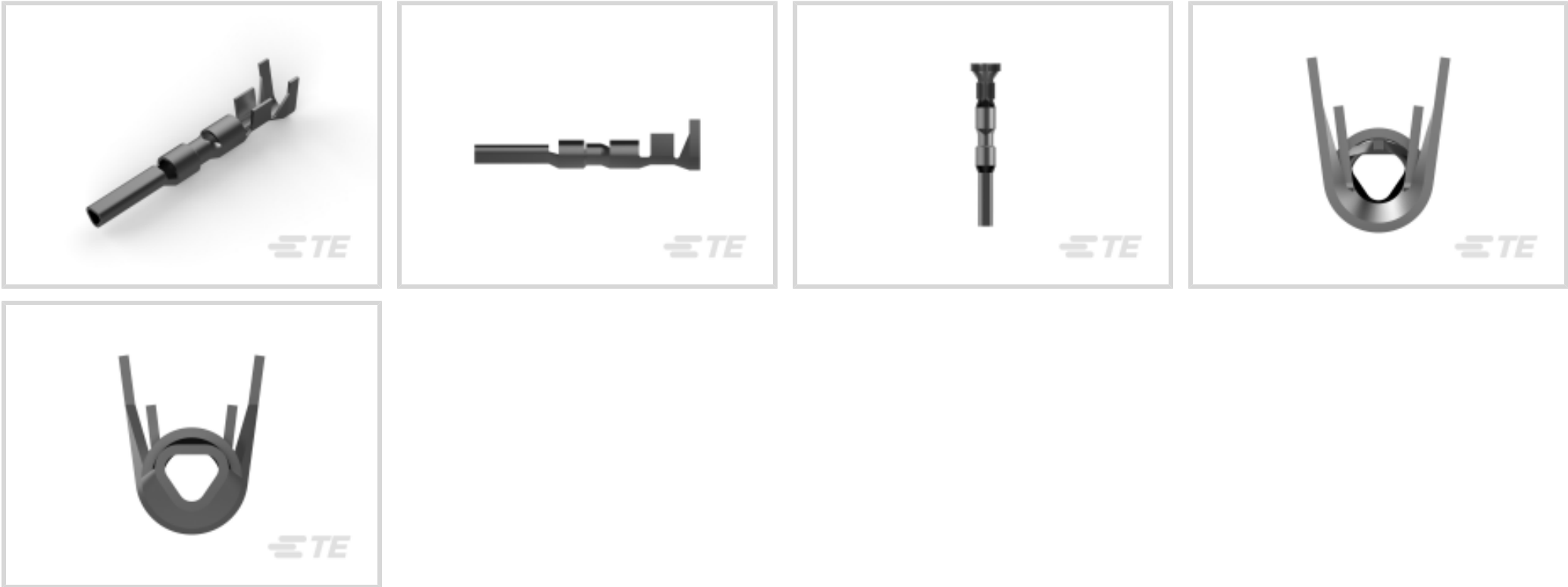




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **600 VDC**
Contact Mating Area Plating Material: **Tin**
Wire Size: **22 – 18 AWG**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	10.5 A
Contact Type	Socket
Contact Retention Within Housing	Without
Mating Pin Diameter	1 mm[.039 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Matte



Contact Orientation	Straight
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without
Dimensions	
Wire Size	.3 – .9 mm²
Accepts Wire Insulation Diameter Range	1.5 – 2.79 mm[.059 – .11 in]
Usage Conditions	
Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Glow Wire Rating	Standard Part - Not Glow Wire
VDE Tested	No
Agency/Standard	CSA, UL
UL Rating	Recognized
UL File Number	E28476
Packaging Features	
Packaging Method	Bag
Packaging Quantity	1000
Other	
Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Plug Housing
Comment	These contacts can be used in either Mini-Universal MATE-N-LOK 2 Plug or Cap housings ONLY.

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 794215-1
24P MINI UMN2 CAP HSG UL94V0

TE Part # 794200-1
12P MINI UMN2 PLUG HSG MATRIX

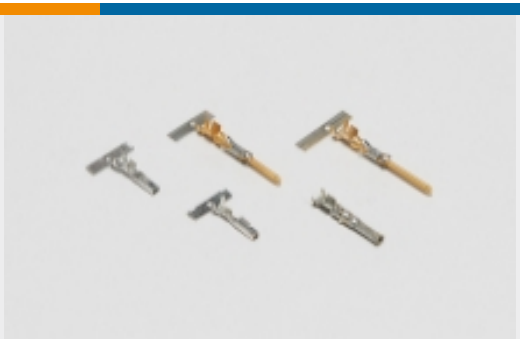
TE Part # 794198-1
12P MINI UMN2 PLUG HSG DBLROW

TE Part # 794210-1
20P MINI UMN2 PLUG HSG UL94V0



 TE Part # 794206-1 16P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794194-1 09P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794187-1 03P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794205-1 15P MINI UMNL2 CAP HSG UL94V0
 TE Part # 794191-1 06P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794196-1 10P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794192-1 08P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794193-1 08P MINI UMNL2 CAP HSG UL94V0
 TE Part # 794241-1 04P MINI UMNL2 PLUG HSG UL94V2	 TE Part # 794190-1 06P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794186-1 03P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794185-1 02P MINI UMNL2 CAP HSG UL94V0

Also in the Series | Mini-Universal MATE-N-LOK 2

 Connector Contacts(12)	 Insertion & Extraction Tools(1)	 Power Contacts(35)	 Rectangular Power Connectors(49)
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Documents

Product Drawings

MINI UMNL2 SOK 22-18 AWG SN LP

English

CAD Files

Customer View Model

ENG_CVM_794229-1_F.3d_igs.zip

English



Customer View Model

[ENG_CVM_794229-1_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794229-1_F.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_794229-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794229-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794229-1_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

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Product Specifications

[Engineering Report](#)

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Product Environmental Compliance

[Product Compliance](#)

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