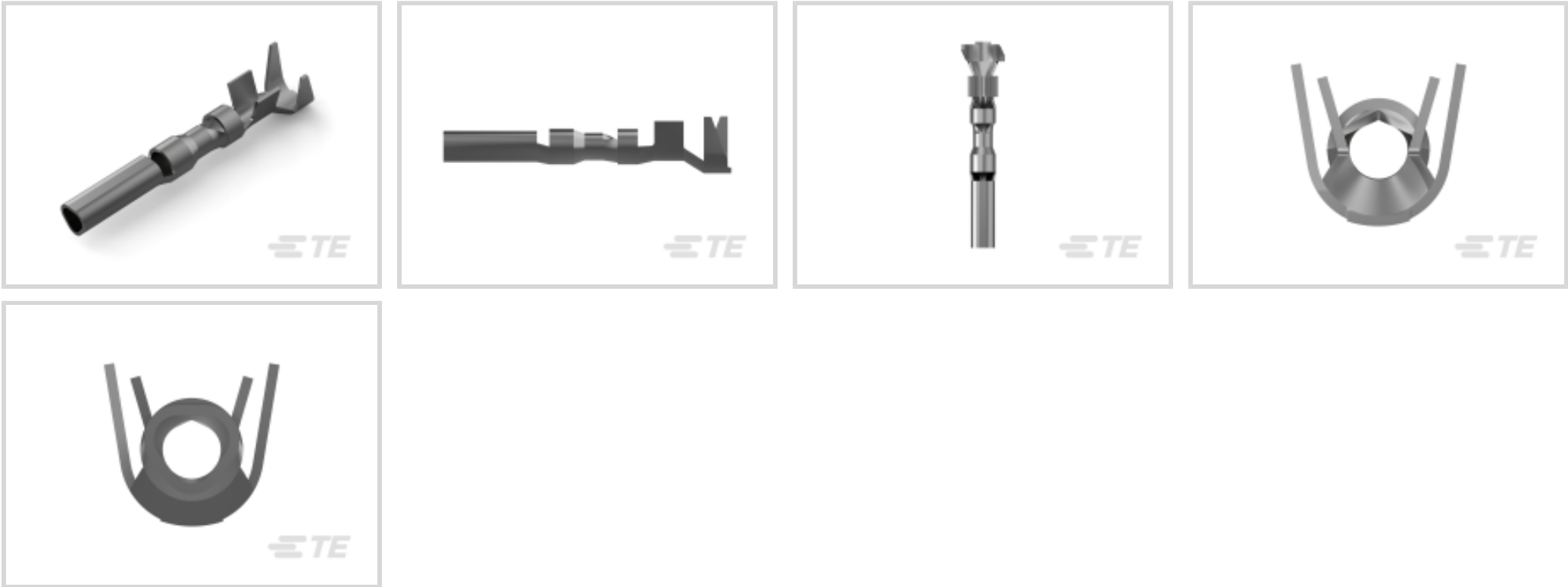




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **600 VDC**
Contact Mating Area Plating Material: **Tin**
Wire Size: **20 – 16 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	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 – 6.35 µm[100 – 250 µin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Bright



Contact Orientation	Straight
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Wire Insulation Support	Without
Dimensions	
Wire Size	.5 – 1.4 mm²
Compatible Insulation Diameter Range	2.01 – 3.2 mm[.079 – .126 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
UL Rating	Recognized
Agency/Standard	CSA, UL
Packaging Features	
Packaging Quantity	1000
Packaging Method	Bag
Other	
Power Connectors 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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC

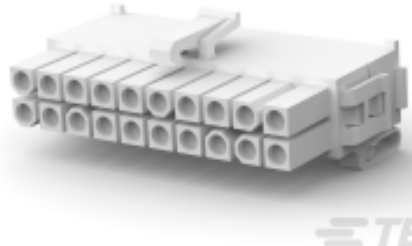
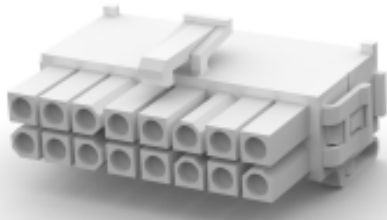
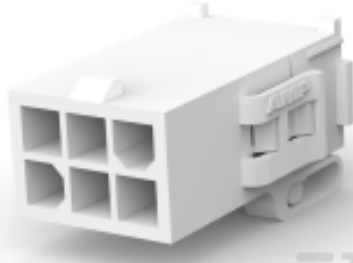


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 455830-1 INSERTION TOOL	 TE Part # 794215-1 24P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794200-1 12P MINI UMNL2 PLUG HSG MATRIX	 TE Part # 794198-1 12P MINI UMNL2 PLUG HSG DBLROW
 TE Part # 794210-1 20P MINI UMNL2 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

TE Part # 794189-1
04P MINI UMNL2 CAP HSG UL94V0

TE Part # 794184-1
02P MINI UMNL2 PLUG HSG UL94V0

TE Part # 794212-1
22P MINI UMNL2 PLUG HSG UL94V0

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

Connector Contacts(8)

Insertion & Extraction Tools(1)

Power Contacts(34)

Rectangular Power Connectors(46)

Customers Also Bought

TE Part #1721538-7
OJ-SS-124HM2,000

TE Part #640925-1
RECEPT,IDG FASTON 22-18 110

TE Part #3-2176058-9
Thick Film Resistor: Current Sense

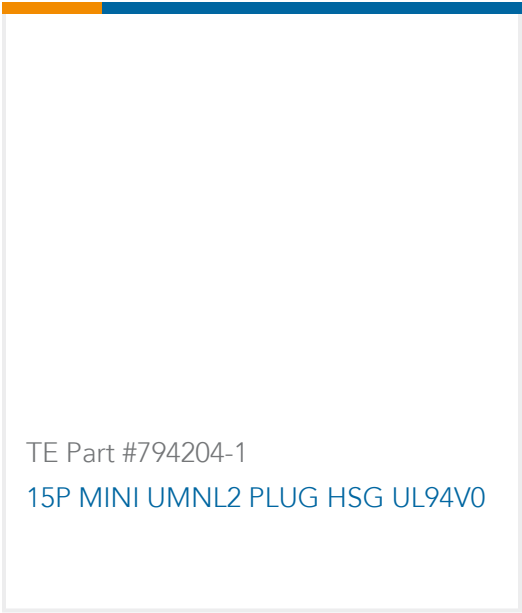
TE Part #794198-1
12P MINI UMNL2 PLUG HSG DBLROW

TE Part #794205-1
15P MINI UMNL2 CAP HSG UL94V0

TE Part #794186-1
03P MINI UMNL2 PLUG HSG UL94V0

TE Part #5-160430-7
187 FASTON REC 20-16 AWG TPBR

TE Part #5-160432-4
250 FASTON REC 20-16 AWG TPBR



TE Part #794204-1
15P MINI UMN2 PLUG HSG UL94V0

Documents

Product Drawings

MINI UMN2 SCKT 20-16AWG LP SN

English

CAD Files

Customer View Model

ENG_CVM_794231-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_794231-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_794231-1_D.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794231-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794231-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794231-1_C.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Engineering Report

English



Product Environmental Compliance

[MD_794231-1_021520172229_dmtec](#)

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English