



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **600 VDC**
Contact Mating Area Plating Material: **Gold**
Wire Size: **20 – 16 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	Gold
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
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Thickness	2.54 – 6.35 µm[100 – 250 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

Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without

Dimensions

Wire Size	.5 – 1.4 mm ²
Accepts Wire Insulation Diameter Range	2.01 – 3.2 mm[.079 – .126 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
Glow Wire Rating	Standard Part - Not Glow Wire
VDE Tested	No
Agency/Standard	CSA, UL
CSA File Number	LR 7189
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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 189727-1
EXTRACTION TOOL



TE Part # 794215-1
24P MINI UMN2 CAP HSG UL94V0

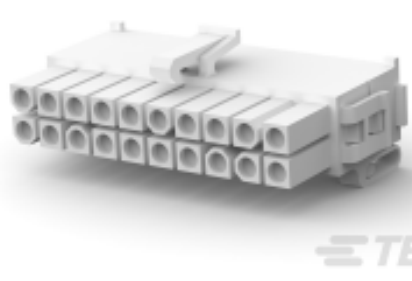
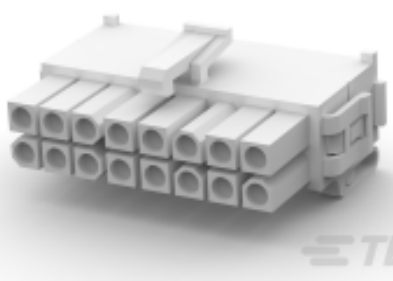
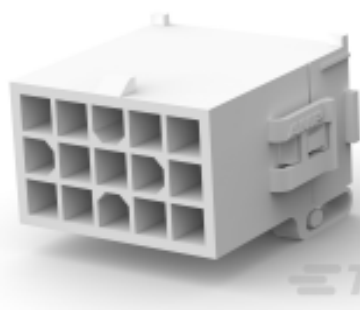
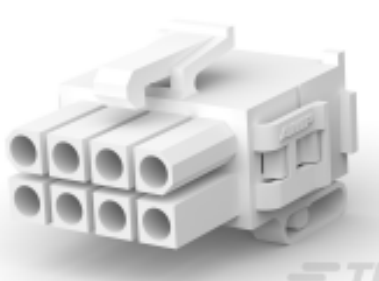
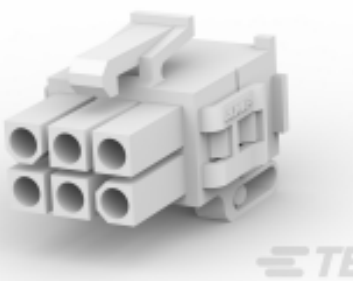
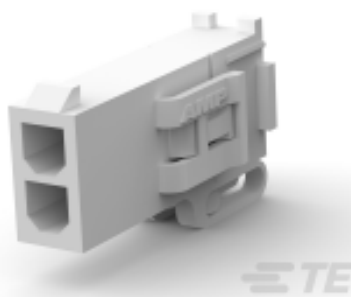
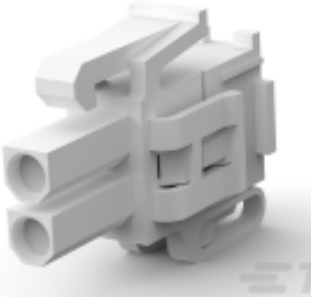
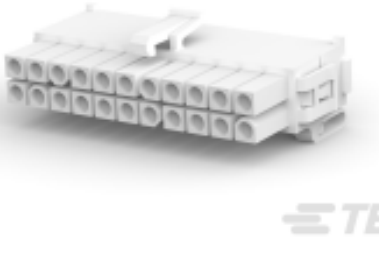


TE Part # 794200-1
12P MINI UMN2 PLUG HSG MATRIX



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



 TE Part # 794210-1 20P MINI 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 # 794205-1 15P MINI UMNL2 CAP HSG UL94V0
 TE Part # 794191-1 06P MINI UMNL2 CAP 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 # 794184-1 02P MINI UMNL2 PLUG HSG UL94V0
 TE Part # 794212-1 22P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794188-1 04P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794197-1 10P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794201-1 12P MINI UMNL2 CAP HSG MATRIX

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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Customers Also Bought





TE Part #1-320627-0
PIDG RING TONGUE TERMINALS



TE Part #1-6609032-1
CORCOM R SERIES SINGLE PHASE FILTERS



TE Part #1-794228-0
MINI UMNL2 PIN 22-18 AWG AU LP



TE Part #1-794226-0
MINI UMNL2 PIN 26-22AWG LP LF



TE Part #1-794227-0
MINI UMNL2 SOK 26-22 AWG LP LF



TE Part #1-640642-0
Polyester PCB Connector Covers: 2.54 mm, MTA 100



TE Part #1-794230-0
MINI UMNL2 PIN 20-16AWG LP LF



TE Part #91594-1
CCII MINI UNML II 20-16 ASSY



TE Part #2-1393253-3
W68-X2Q110-25V=M6/M7/M9/W6/W7



TE Part #1-6609075-0
CORCOM DA SERIES DC FILTERS

Documents

Product Drawings

MINI UMNL2 SCKT 20-16AWG LP A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_1-794231-0_D.3d_igs.zip

English

Customer View Model

ENG_CVM_1-794231-0_D.3d_stp.zip

English

Customer View Model

ENG_CVM_1-794231-0_D.2d_dxf.zip

English

3D PDF

English



Customer View Model

[ENG_CVM_CVM_1-794231-0_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794231-0_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794231-0_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English