

794231-1 ✓ ACTIVE

MATE-N-LOK | Mini-Universal MATE-N-LOK 2

TE Internal #: 794231-1

Power Contacts, Contact, 600 VAC, 600 VDC, Pre-Tin, 20 – 16 AWG

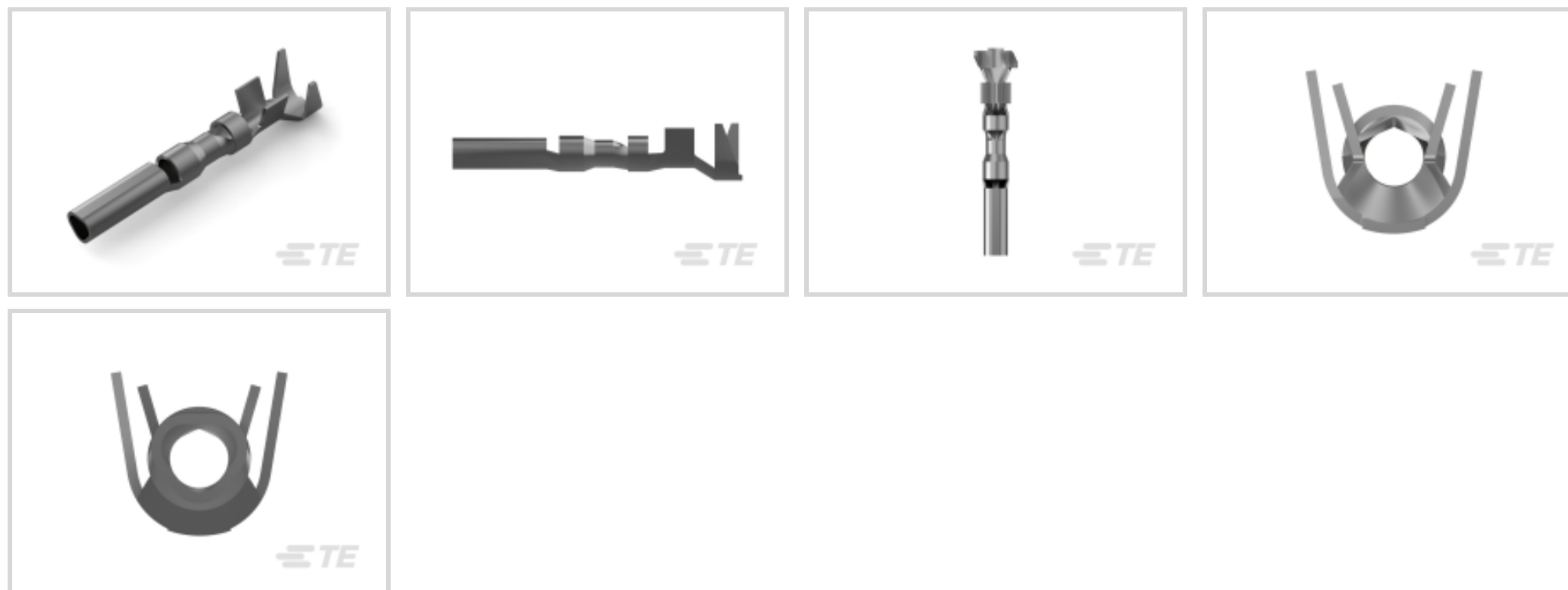
Wire Size, .5 – 1.4 mm² Wire Size, Wire-to-Wire, Mini-Universal

MATE-N-LOK 2

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Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

Contact Mating Area Plating Material: **Pre-Tin**

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	Pre-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
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Wire Size	.5 – 1.4 mm ²
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Accepts Wire Insulation Diameter Range	2.01 – 3.2 mm [.079 – .126 in]
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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

Glow Wire Rating	Standard Part - Not Glow Wire
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VDE Tested	No
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Agency/Standard	CSA, UL
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UL Rating	Recognized
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UL File Number	E28476
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Packaging Features

Packaging Method	Bag
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Packaging Quantity	1000
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Other

Wire/Cable Type	Discrete Wire
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Wire Type	Stranded
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For Use With	Plug Housing
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Comment	These contacts can be used in either Mini-Universal MATE-N-LOK 2 Plug or Cap housings ONLY.
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Product Compliance




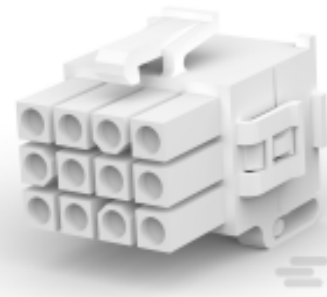
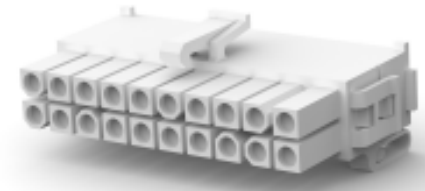
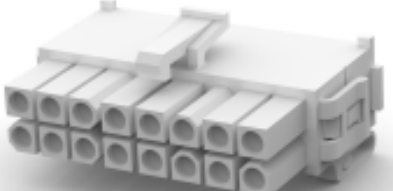


For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

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

 <p>TE Part # 189727-1 EXTRACTION TOOL</p>	 <p>TE Part # 455830-1 INSERTION TOOL</p>	 <p>TE Part # 794215-1 24P MINI UMNL2 CAP HSG UL94V0</p>	 <p>TE Part # 794200-1 12P MINI UMNL2 PLUG HSG MATRIX</p>
 <p>TE Part # 794210-1 20P MINI UMNL2 PLUG HSG UL94V0</p>	 <p>TE Part # 794206-1 16P MINI UMNL2 PLUG HSG UL94V0</p>	 <p>TE Part # 794194-1 09P MINI UMNL2 PLUG HSG UL94V0</p>	 <p>TE Part # 794187-1 03P MINI UMNL2 CAP HSG UL94V0</p>




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(12)



Insertion & Extraction Tools(1)



Power Contacts(35)



Rectangular Power Connectors(49)

Customers Also Bought



TE Part #4-2176058-5
RLP73K 3A R68 5% 2K RL



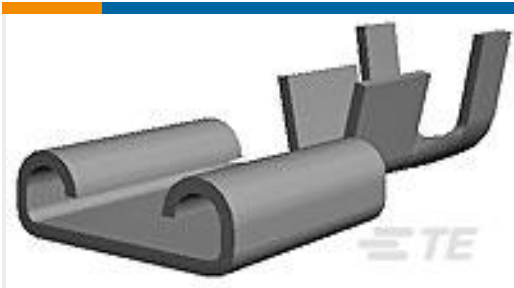
TE Part #3-1879378-1
TLR 2512 1.0W R0025 1% 150PPM 2K RL



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 #3-1437569-5
164TL22=RECT MOM ILLUM PB 2NO&



TE Part #927831-2
SPT REC 6.3 Contact SRC Sn



TE Part #1761607-6
IDC LOW PRO HDR 16P RA LG LAT
BLK



TE Part #9-1437569-0
64T9=COLOR PB CAP WHITE RECT

Documents

Product Drawings

[MINI UMNL2 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](#)

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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](#)

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Product Environmental Compliance

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