794224-1 ✔ ACTIVE

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

TE Internal #: 794224-1

Mini-Universal MATE-N-LOK 2, Power Contacts, Contact, Operating Voltage 600 VAC, Operating Voltage 600 VDC, Pre-Tin, 30 – 26AWG Wire Size

View on TE.com >

Connectors > Power Connectors > Power Contacts







Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

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

Wire Size: **30 – 26 AWG**

Features

Product Type Features

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

Electrical Characteristics

Contact Resistance	20
Operating Voltage	600 VDC

Contact Features

Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	10.5 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1 mm[.039 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Material 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	.05 – .15 mm^2
Accepts Wire Insulation Diameter Range	.89 – 1.27 mm[.035 – .05 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °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 Flammability Rating	UL 94V-0
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 or Cap 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

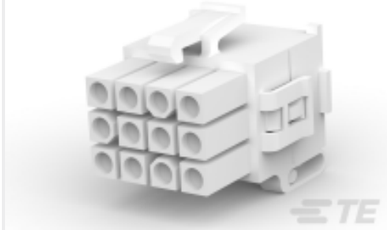
Compatible Parts



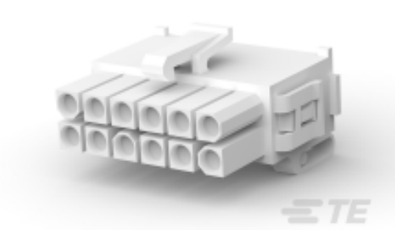
TE Part # 189727-1
EXTRACTION TOOL



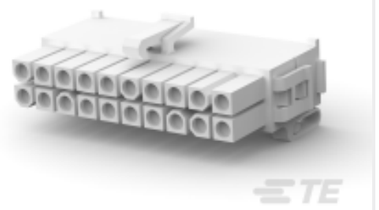
TE Part # 794215-1
24P MINI UMNL2 CAP HSG UL94V0



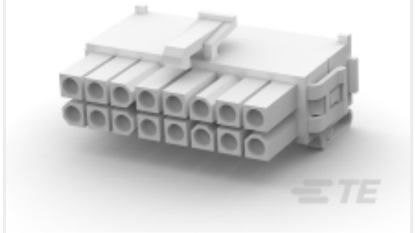
TE Part # 794200-1
12P MINI UMNL2 PLUG HSG MATRIX



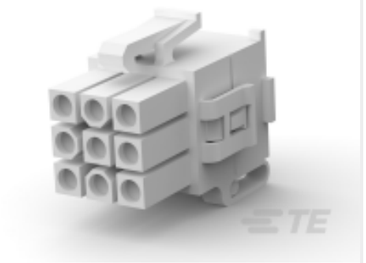
TE Part # 794198-1
12P MINI UMNL2 PLUG HSG DBLROW



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 # 794205-1
15P MINI UMNL2 CAP HSG UL94V0



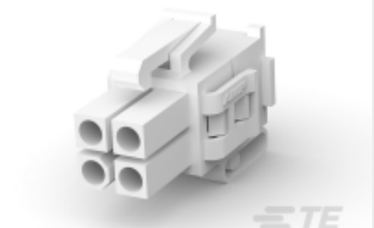
TE Part # 794191-1
06P MINI UMNL2 CAP HSG UL94V0



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

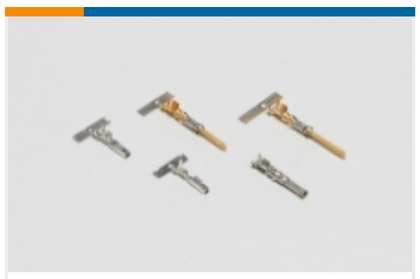
Also in the Series | Mini-Universal MATE-N-LOK 2



Connector Contacts(12)



Insertion & Extraction Tools(1)



Power Contacts(35)

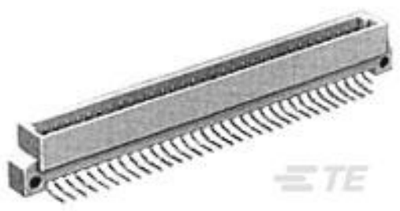


Rectangular Power Connectors(49)

Customers Also Bought



TE Part #1445823-1
MINI CPC



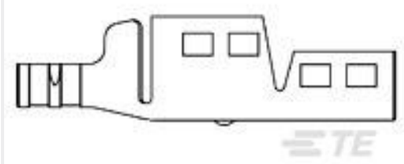
TE Part #6-1393644-3
V42254B1200B610=PC612 MESSERLE



TE Part #1393219-8
PE014018



TE Part #2226744-7
KIT, PIN, SNAP-LUG, RED, 3/8 THREAD



TE Part #520466-1
16 SDL RND SHIELD,TOP,BULK PKG



TE Part #2-34150-3
PG R 22-16 COMM 22-18 MIL 1/4



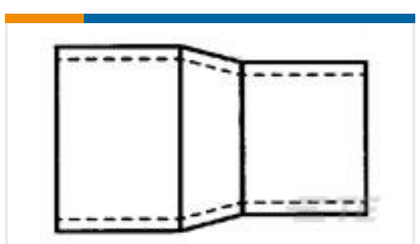
TE Part #CD00183001
RAY-90-10.0(100)CK1100



TE Part #1-794217-0
MINI UMNL2 SOK 30-26AWG AU LF



TE Part #1367610-1
RAIL ASSY, GUIDE X2, BEZEL MT



TE Part #520440-1
16 SDL FERRULE,BULK PKG

Documents

Product Drawings

MINI UMNL2 PIN 30-26 AWG SN LP

English

CAD Files

Customer View Model

ENG_CVM_794224-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_794224-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_794224-1_D.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English