794188-1 ✔ ACTIVE

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

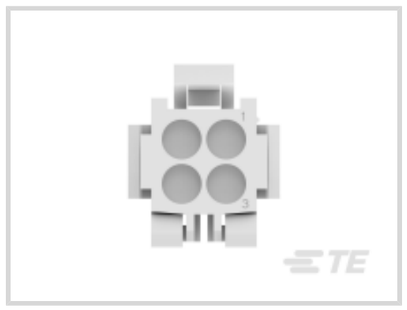
TE Internal #: 794188-1

Mini-Universal MATE-N-LOK 2, Rectangular Power Connectors, Housing, Plug, Wire-to-Board / Wire-to-Wire, 4 Position, 4.14mm [.162in] Centerline

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors




Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **4**

Centerline (Pitch): **4.14 mm [.162 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC

Contact Features

Multiple Contact Types	Without
Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	4.14 mm[.162 in]
Housing Color	Natural
Housing Material	Nylon

Dimensions

Row-to-Row Spacing	4.14 mm[.162 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
UL Rating	Recognized
Agency/Standard Number	E28476
Agency/Standard	UL

Packaging Features

Packaging Method	Bag
Packaging Quantity	600

Other

For Use With	Mini-Universal MATE-N-LOK 2 Cap Housing /PC Board Pin Headers Header

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

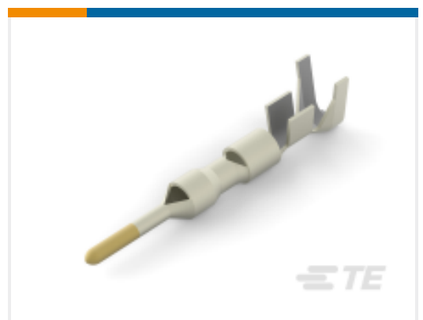
Product Compliance Disclaimer

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 # 770968-1
04P MINI UMNL R/A HDR ASSY SN



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



TE Part # 770968-2
04P MINI UMNL R/A HDR ASSY AU



TE Part # 1-770968-1
04P MINI UMNL R/A HDR ASSY LF



TE Part # 794224-1
MINI UMNL2 PIN 30-26 AWG SN LP



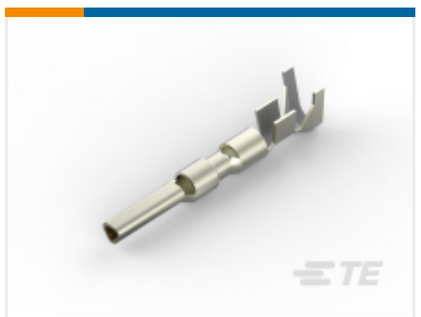
TE Part # 770174-1
04P MINI-UMNL ASSY V0 SNNI*



TE Part # 770874-2
04P MINI UMNL HDR ASSY VO AU



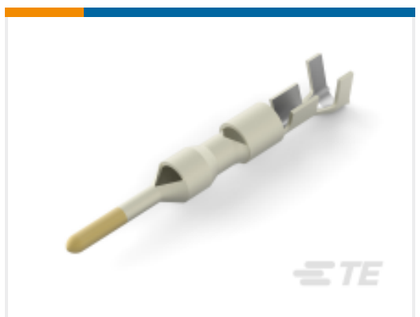
TE Part # 1-770968-0
04P MINI UMNL R/A HDR ASSY SN



TE Part # 794229-3
MINI UMNL2 SOK 22-18 AWG AU LP



TE Part # 1-770874-0
04P MINI UMNL HDR ASSY SN LF



TE Part # 1-794218-0
MINI UMNL2 PIN 26-22AWG AU LF



TE Part # 1-794219-0
MINI UNML2 SOK 26-22 AWG AU LF



TE Part # 1-794223-0
MINI UMNL2 SCKT 20-16AWG 30AU



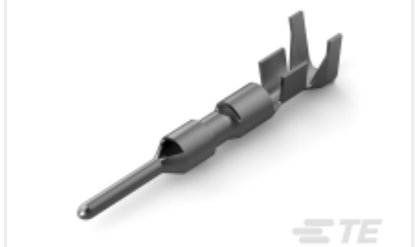
TE Part # 794222-1
MINI UMNL2 PIN 20-16AWG SN



TE Part # 1-794221-0
MINI UMNL2 SOK 22-18AWG AU LF



TE Part # 794218-1
MINI UMNL2 PIN 26-22 AWG SN



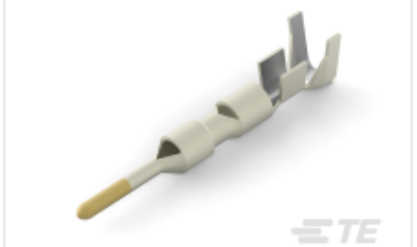
TE Part # 794220-1
MINI UMNL2 PIN 22-18 AWG SN



TE Part # 794223-1
MINI UMNL2 SCKT 20-16AWG SN



TE Part # 794219-1
MINI UMNL2 SOK 26-22 AWG SN



TE Part # 1-794220-0
MINI UMNL2 PIN 22-18 AWG AU

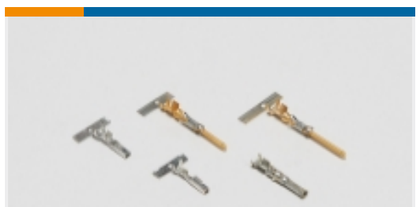
Also in the Series | Mini-Universal MATE-N-LOK 2



Connector Contacts(12)



Insertion & Extraction Tools(1)



Power Contacts(35)



Rectangular Power Connectors(49)

Customers Also Bought



TE Part #1-794221-0
MINI UMNL2 SOK 22-18AWG AU LF



TE Part #1-794220-0
MINI UMNL2 PIN 22-18 AWG AU



TE Part #1-794229-0
MINI UMNL2 SOK 22-18AWG LP LF



TE Part #165414
P.G.RING DIN



TE Part #165412
PLASTI-GRIP 4-6MM RING M4



TE Part #1744429-9
3.96 EP HDR ASSY 9P W/PEGS, GW



TE Part #2-456406-2
CRIMPER WIRE .090 F



TE Part #1-794231-0
MINI UMNL2 SCKT 20-16AWG LP A



TE Part #2-1393100-6
KBP-11DG-24=KA/KB/KC/KR

TE Part #ESB001N00330001000
615 PLUG

Documents

Product Drawings

04P MINI UMNL2 PLUG HSG UL94V0

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_794188-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_794188-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_794188-1_B.3d_stp.zip

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

Product Environmental Compliance

MD_794188-1_06112018728_dmtec

English

MD_794188-1_06112018728_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English