770584-1 ✓ ACTIVE

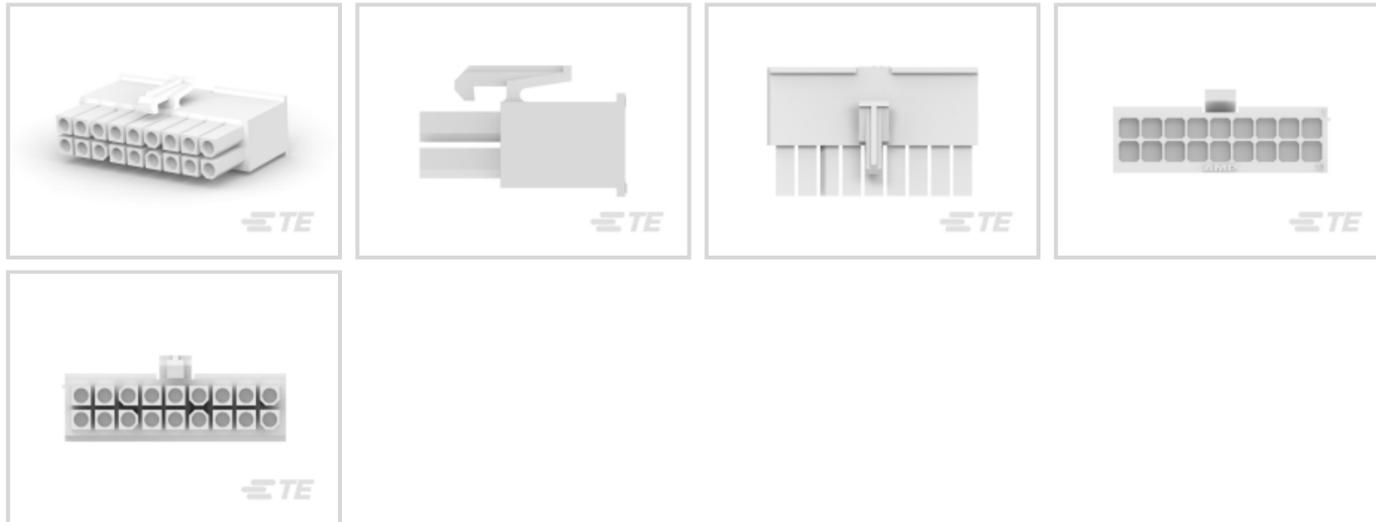## MATE-N-LOK | Mini-Universal MATE-N-LOK

TE Internal #: 770584-1

18 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 4.14 mm [.162 in] Centerline, 2 Row, 600 VAC, Wire & Cable, Mini-Universal MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors

Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Termination Method to Wire & Cable: **Crimp**

Connector System: **Wire-to-Wire**

Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	18
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC

Body Features

Primary Product Color	White

Contact Features

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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 Material	Nylon

Dimensions

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

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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

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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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
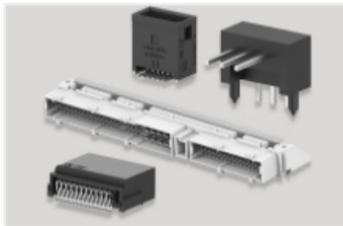
Compatible Parts

TE Part # 794407-7 MINI UNML SCKT CONT STRIP SN	TE Part # 770904-5 MINI UMNL SOK CONT 22-18 AWG	TE Part # 770902-2 MINI UMNL SOK 26-22 AWG UNPLTD	TE Part # 794407-2 MINI UNML SCKT 20-16AWG UNPLTD
TE Part # 8-170362-1 AUNIV M-N-L SOC. 22-18 AWG	TE Part # 8-170361-1 UNIV M-N-L SOC. 26-22 AWG	TE Part # 794407-9 MINI UNML SCKT CONT STRIP AU	TE Part # 1-770904-1 MINI UMNL SOK 22-18AWG AU LF

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18 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 4.14 mm [.162 in]
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TE Part # 794058-1
MINI UMNL SOK L/P

TE Part # 770834-3
MINI UMNL SOCKET AU

TE Part # 770902-4
MINI UMNL SOCK 26-22 AWG SN

TE Part # 1-770902-1
MINI UMNL SOK 26-22 AWG AU LF

TE Part # 1-794407-1
MINI UMNL SOK 20-16 AWG AU LF

TE Part # 170362-3
MINI UNIVERSAL M-N-L SOCKET

TE Part # 794407-4
MINI UNML SCKT 20-16 AWG SN

TE Part # 770904-2
MINI UMNL SOK 22-18 AWG UNPLTD

TE Part # 770834-2
MINI UMNL SOCKET UNPL

TE Part # 794407-5
MINI UNML SCKT 20-16AWG UNPLTD

TE Part # 8-170362-2
MINI UNIVERSAL M-N-L SOCKET

TE Part # 8-170361-2
MINI UNIVERSAL M-N-L SOCKET

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

Connector Contacts(89)

Connector Hardware(4)

PCB Headers & Receptacles(93)

Power Contacts(89)

Rectangular Connector Housings(104)

Rectangular Power Connectors(196)

Standard Rectangular Connectors(104)

Customers Also Bought

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18 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 4.14 mm [.162 in]
Centerline, 2 Row, 600 VAC, Wire & Cable, Mini-Universal MATE-N-LOK

TE Part #800364-SF
FN282-1-06

TE Part #1-794067-0
14P MINI UMNL HDR W/DH SN

TE Part #1-794069-0
18P MINI UMNL HDR W/DH SN LF

TE Part #1-794076-0
18P MINI UMNL HDR W/O DH SN LF

TE Part #1618002-1
EV200A1ANA=RELAY,UN-ECON
EV200

TE Part #8-1879494-9
CRGH0603 5% 4K7 0.2W

TE Part #6-2176609-2
EP 1W (SSS) 360R 5%

TE Part #2304643-3
27POS,HYBRID,REC HSG ASSY,SLD

TE Part #2-509842-5
INKJET WIRE GUIDES, 2,6MM

TE Part #6-1393704-4
V23552A2455E101=SIPAC FL 4SU

Documents

Product Drawings
18P MINI UMNL PLUG HSG

English

CAD Files
3D PDF

3D

Customer View Model

ENG_CVM_CVM_770584-1_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770584-1_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770584-1_L.3d_stp.zip

English

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

Datasheets & Catalog Pages

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SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

mini-universal-mate-n-lok-connectors

English

Product Specifications
Engineering Report

English

Instruction Sheets
Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals
Agency Approval Document

English