1-1897620-1 ✔ ACTIVE

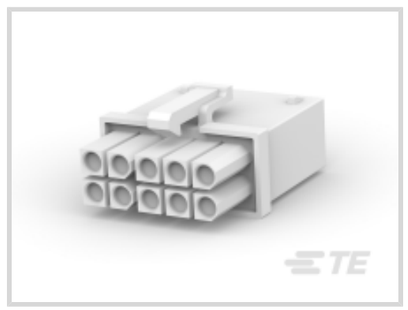
MATE-N-LOK | Mini-Universal MATE-N-LOK

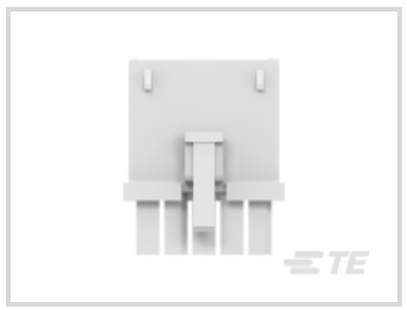
TE Internal #: 1-1897620-1

10 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 4.15 mm [.163 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	10
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Natural

Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
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)	4.15 mm[.163 in]
Housing Material	Nylon 6/6

Dimensions

Connector Width	11.4 mm[.448 in]
Connector Height	28.9 mm[1.137 in]
Connector Length	23.9 mm[.94 in]
Row-to-Row Spacing	4.15 mm[.163 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without

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	400
Packaging Method	Bag

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1-1897989-0
I/F SEAL FOR MINI MATE-N-LOK(1



TE Part # 770902-1
MINI UMNL SOCK 26-22 AWG SN



TE Part # 2005877-2
WIRE SEAL FOR MINI MTDL



TE Part # 2005877-1
WIRE SEAL FOR MINI MTDL

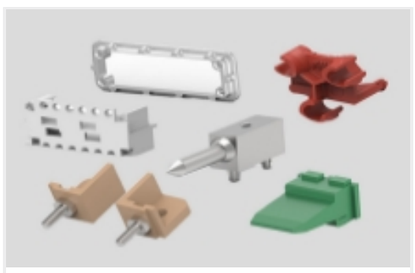


TE Part # 770904-1
MINI UMNL SOK 22-18 AWG SN

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



Connector Contacts(89)



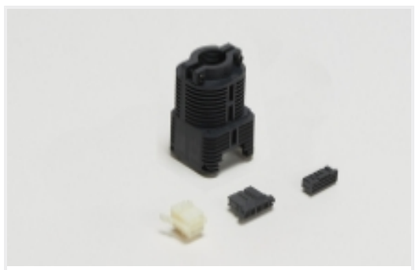
Connector Hardware(4)



Connector Strain Relief(2)



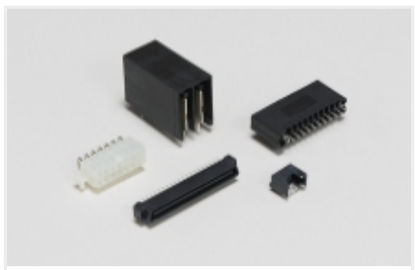
Power Contacts(89)



Rectangular Connector Housings(104)



Rectangular Power Connectors(196)



Standard Rectangular Connectors(104)

Customers Also Bought



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



TE Part #8-1618388-3
LEV200AKANA=RELAY, SPST-NO



TE Part #2005877-1
WIRE SEAL FOR MINI MTDL



TE Part #2005877-2
WIRE SEAL FOR MINI MTDL



TE Part #2232343-1
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part #2378282-1
STD TIMER CONTACT



TE Part #2299281-2
POD-LOK 250 FLAG RCPT.AWG 22-18 PTPBR



TE Part #1897628-5
MINI MTDL 5P DOUBLE LOCK PLATE

TE Part #2339924-2
.090 DIA PIN (2.3 MM) 24-20 AWG TBR

TE Part #2372829-1
SOCKET TERMINAL FOR 2.3 DIA

Documents

Product Drawings

MINI MTDL 10P PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1897620-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1897620-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1897620-1_B.3d_stp.zip

English

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

Product Specifications

Application Specification

English