1-172160-2 ✔ ACTIVE

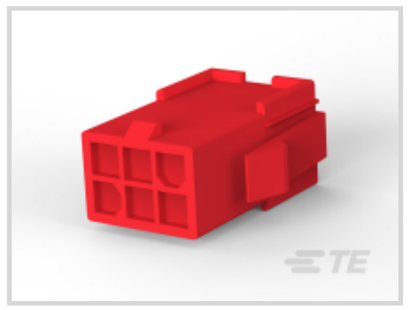
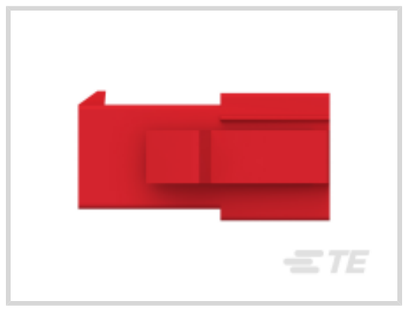
MATE-N-LOK | Mini-Universal MATE-N-LOK

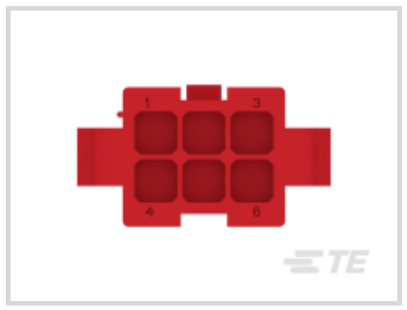
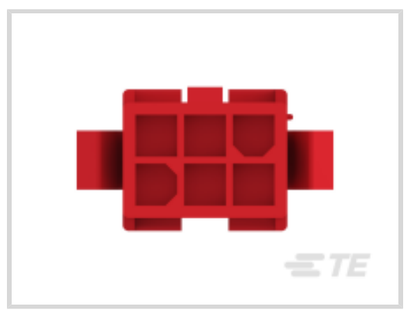
TE Internal #: 1-172160-2

6 Position, Cap, Housing, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-0, 4.2 mm [.165 in] Centerline, 2 Row, 600 VAC, Mini-Universal MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors

Connector Product Type: **Housing**

Connector & Housing Type: **Cap**

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

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

Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC

Body Features

Primary Product Color	Red

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Ears
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	4.2 mm[.165 in]
Housing Material	Nylon 66

Dimensions

Panel Thickness (Recommended)	.8 – 2 mm[.031 – .078 in]
Connector Width	9.8 mm
Connector Length	11.8 mm
Row-to-Row Spacing	4.2 mm[.165 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	With

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	500
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	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 # 770901-2
MINI UMNL PIN 26-22 AWG UNPLTD

TE Part # 770835-2
MINI UMNL PIN UNPL



TE Part # 1-172168-9
MINI UNIVERSAL M-N-L PLUG 6P



TE Part # 1-770903-1
MINI UMNL PIN 22-18 AWG AU LF

6 Position, Cap, Housing, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-0, 4.2 mm [.165 in] Centerline, 2 Row, 600 VAC, Mini-Universal MATE-N-LOK

TE Part # 1-172168-4
6P MINI USL M-N-L PLUG HSG

TE Part # 8-170360-2
MINI UNIVERSAL MATE N LOK PIN. 22-18 AWG



TE Part # 170364-1
MINI UNIVERSAL M-N-L PIN LP



TE Part # 170359-3
MINI UNIVERSAL M-N-L PIN



TE Part # 1-770875-0
06P MINI UMNL HDR ASSY SN



TE Part # 172169-1
9 CIR UNIV M-N-L PLUG



TE Part # 172160-1
6 CIR UNIV M-N-L CAP



TE Part # 770835-1
MINI UMNL PIN SN



TE Part # 770903-1
MINI UMNL PIN 22-18 AWG SN

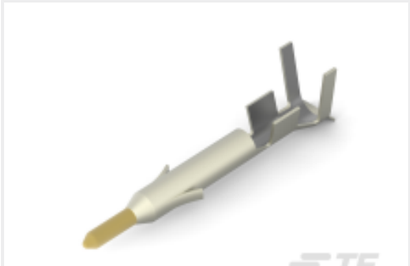


TE Part # 770987-1
MINI UMNL PIN 22-18AWG SN LP

TE Part # 8-170359-2
MINI UNIVERSAL MATE N LOK PIN. 26-22 AWG



TE Part # 770901-1
MINI UMNL PIN 26-22 AWG SN



TE Part # 770987-3
MINI UMNL PIN 22-18 AWG AU LP

TE Part # 2-172160-1
6 CIR UNIV M-N-L CAP

TE Part # 8-170360-1
MINI UNIVERSAL MATE N LOK PIN. 22-18 AWG

TE Part # 1-794895-9
6P MINI UMNL PLUG SEALED BLK

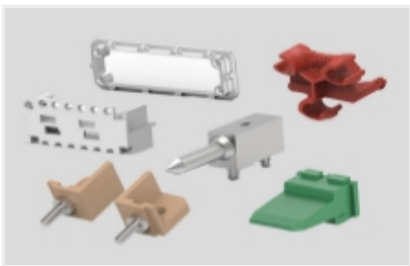
Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



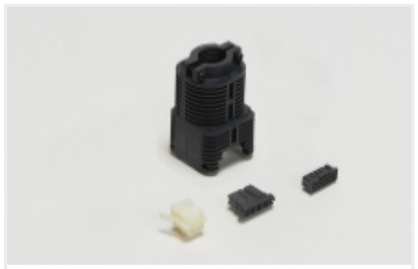
Connector Contacts(89)



Connector Hardware(4)



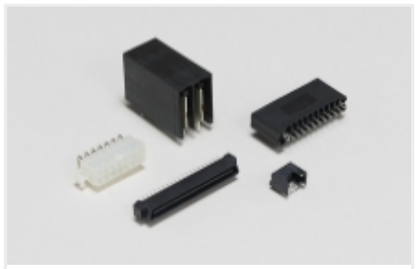
Power Contacts(89)



Rectangular Connector Housings(104)

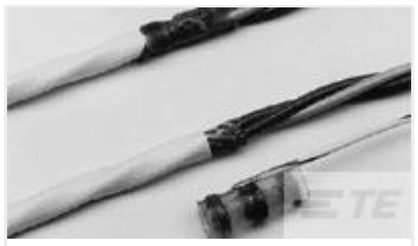


Rectangular Power Connectors(196)



Standard Rectangular Connectors(104)

Customers Also Bought



TE Part #E77815-000
B-155-1503



TE Part #D61414-000
B-155-1501



TE Part #2-34113-2
SOLIS R 22-16COMM 22-18MIL 1/4



TE Part #1-172159-9
MINI UNIVERSAL M-N-L CAP 4P



TE Part #794406-1
MINI UMNL CONT 20-16AWG SN



TE Part #5-1375583-3
04 MTE VERTICAL SMT HDR 30 AU



TE Part #1609112-1
10CBE1=F7890 M0



TE Part #1776293-2
TSB23002DS=EUROPA TERM BLK, 8MM

TE Part #1-1825043-9
UP3DTBNLA04,MICROSWITCH,SNAP

TE Part #1-2119757-9
DEPRESSOR, SHEAR

Documents

Product Drawings

MINI UNIVERSAL M-N-L CAP 6P

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-172160-2_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-172160-2_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-172160-2_N.3d_stp.zip

English

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

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English