172171-1 ✔ ACTIVE

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

TE Internal #: 172171-1

15 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 4.2 mm [.165 in] Centerline, 3 Row, 600 VAC, Wire & Cable, Mini-Universal MATE-N-LOK

View on TE.com >

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	15
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VDC

Body Features

Primary Product Color	Natural

Contact Features

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

Dimensions

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

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

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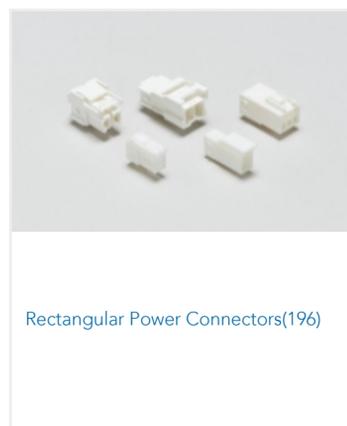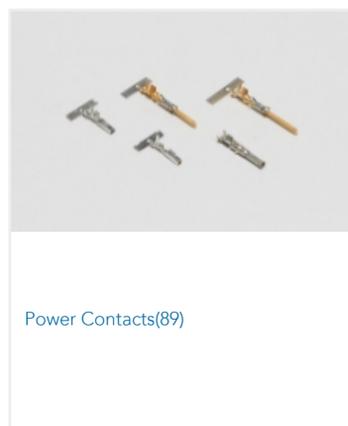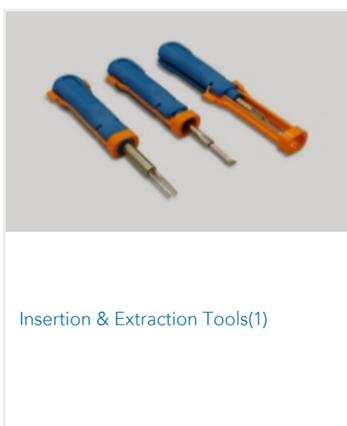|	
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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

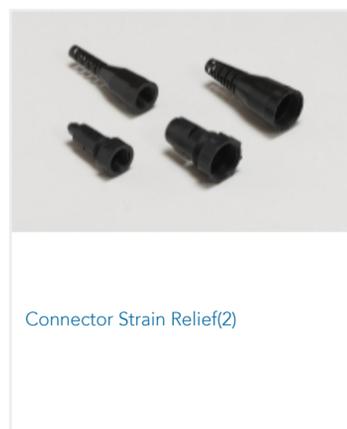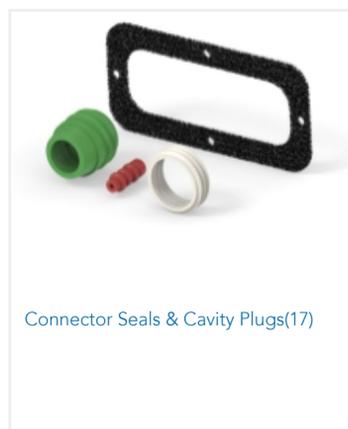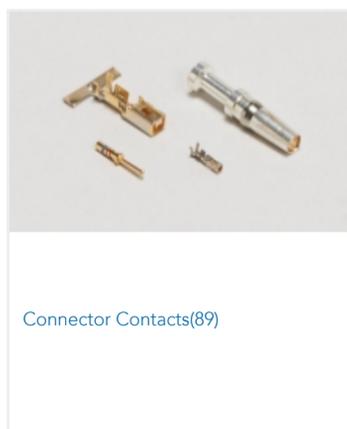Product Compliance Disclaimer

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
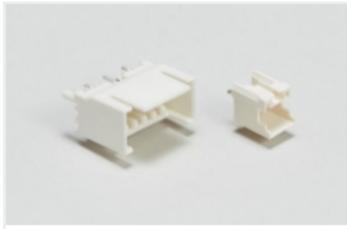

TE Part # 1-172163-2

15 POS TR MINI UNIV

TE Part # 1-770834-0

MINI UMNL SOK AU LF

TE Part # 170366-4

MINI UNIVERSAL M-N-L SOCKET LP

TE Part # 770904-1

MINI UMNL SOK 22-18 AWG SN

TE Part # 770834-1

MINI UMNL SOCKET SN

TE Part # 794407-1

MINI UNML SCKT 20-16 AWG SN

TE Part # 770902-5

MINI UMNL SOK 26-22 AWG UNPLTD

TE Part # 1-770988-0

MINI UMNL SOK 22-18AWG AU

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TE Part # 1-794407-0
MINI UMNL SOK 20-16 AWG AU LF

TE Part # 170361-4
UNIV. M-N-L SOC.

TE Part # 170366-3
MINI UNIVERSAL M-N-L SOCKET LP

TE Part # 171639-1
MINI U-M-N-L SOCKET L.P

TE Part # 170361-3
MINI UNIVERSAL M-N-L SOCKET

TE Part # 770986-1
MINI UMNL SOK 26-22AWG SN LP

TE Part # 8-170362-4
MINI UNIVERSAL M-N-L SOCKET

TE Part # 8-170361-4
UNIV. M-N-L SOC.

TE Part # 794407-8
MINI UNML SCKT CONT STRIP UNPL

TE Part # 170362-1
UNIV M-N-L SOC. 22-18 AWG

TE Part # 170365-1
MINI UNIVERSAL M-N-L SOCKET LP

TE Part # 170366-1
MINI UNIVERSAL M-N-L SOCKET LP

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

Connector Caps & Covers(2)

Connector Contacts(89)

Connector Seals & Cavity Plugs(17)

Connector Strain Relief(2)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(93)

Power Contacts(89)

Rectangular Power Connectors(196)

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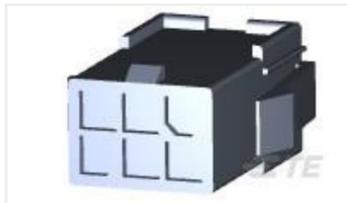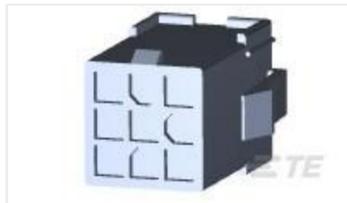
Wire-to-Board Headers & Receptacles (93)

Customers Also Bought

TE Part #172159-1
4 CIR UNIV M-N-L CAP

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

TE Part #172161-1
9 CIR UNIV M-N-L CAP

TE Part #172167-1
4 CIR UNIV M-N-L PLUG

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

TE Part #6-176976-1
AMP UNIVERSAL POWER PLG 2C PCB

TE Part #3-641534-4
04P MTA100 CONN ASSY 22AWG

TE Part #5-925370-0
MOD IV REC HSG, 2X50P

TE Part #926209-5
LOCKING CLIP HSG.

TE Part #926209-8
2X8P LOCK-CLIP GEH

Documents

Product Drawings
15 CIR UNIV M-N-L PLUG

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_172171-1_K.2d_dxf.zip

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English

Customer View Model

ENG_CVM_CVM_172171-1_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_172171-1_K.3d_stp.zip

English

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Datasheets & Catalog Pages

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

Agency Approvals

Agency Approval Document

English