

172166-1 ✓ ACTIVE

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

TE Internal #: 172166-1

Housing, Plug, Crimp, Wire-to-Wire, UL 94V-0, 3 Position, Mini-Universal MATE-N-LOK, Rectangular Wire & Cable Connectors & Housings

[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	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

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

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

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

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	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025 (247)

Candidate List Declared Against: JAN 2025 (247)

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 # 1-770967-1
03P MINI UMNL R/A HDR ASSY AU



TE Part # 170361-1
UNIV M-N-L SOC. 26-22 AWG



TE Part # 1-770834-1
MINI UMNL SOK PHBRZ AU LF



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



TE Part # 170365-3
MINI UNIVERSAL M-N-L SOCKET LP



TE Part # 170363-3
MINI UNIVERSAL M-N-L PIN LP



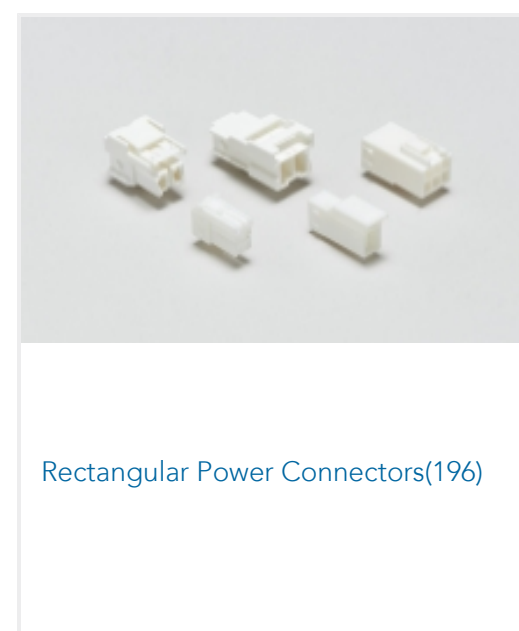
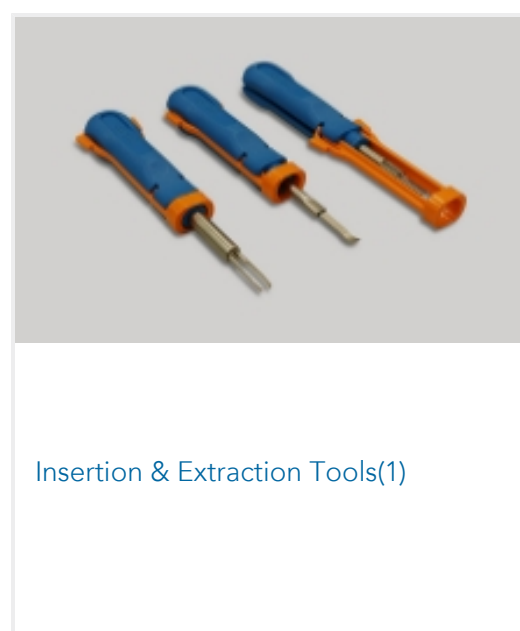
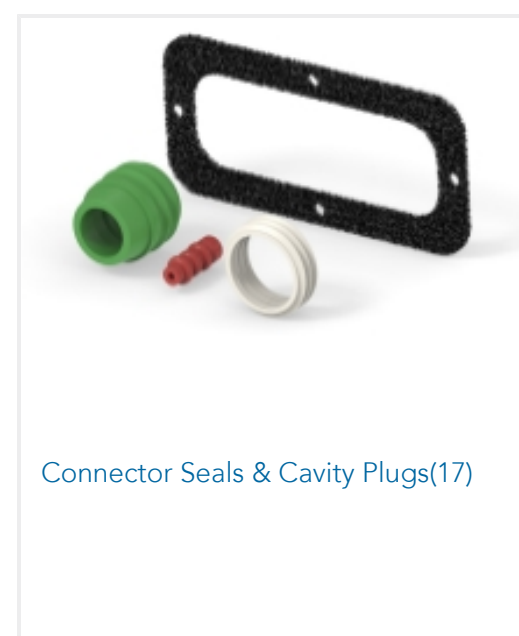
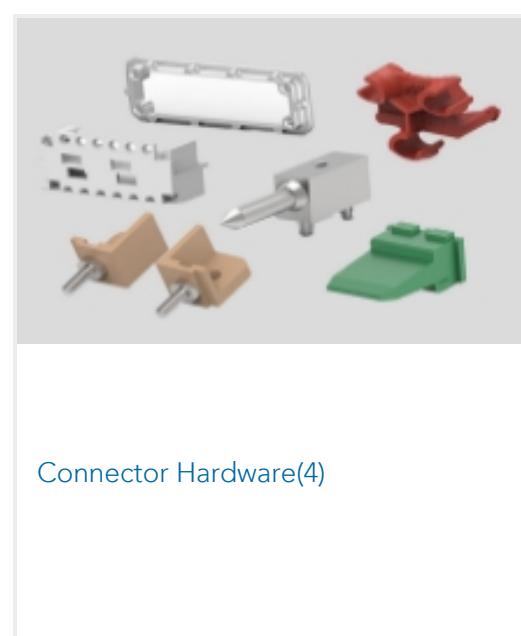
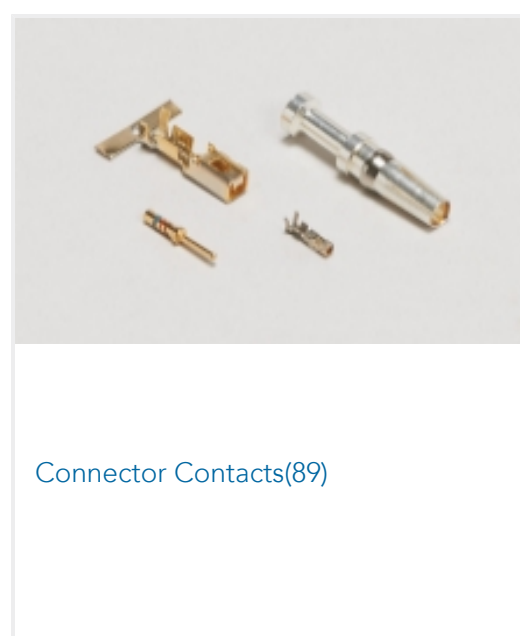
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UNIV. M-N-L PIN

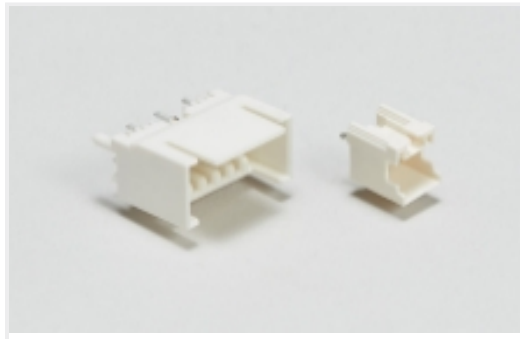


TE Part # 1-770873-0
03P MINI UMNL HDR ASSY SN



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





Wire-to-Board Headers & Receptacles
(93)

Customers Also Bought



TE Part #170363-1
MINI UNIVERSAL M-N-L PIN LP



TE Part #172168-1
6 CIR UNIV M-N-L PLUG



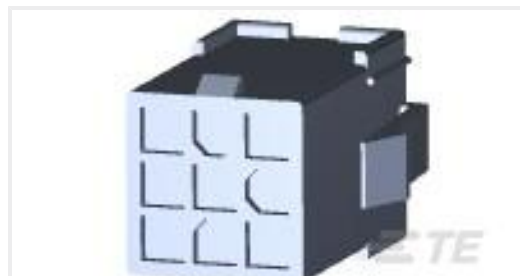
TE Part #172157-1
2CIR MINI U-M-N-L CAP NATL



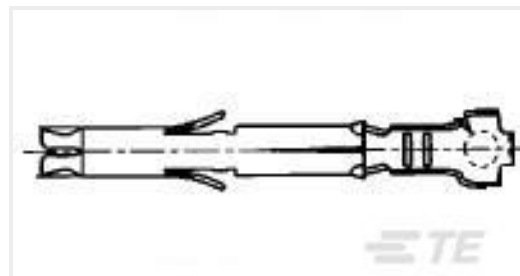
TE Part #172167-1
4 CIR UNIV M-N-L PLUG



TE Part #172170-1
12 CIR UNIV M-N-L PLUG



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



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



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



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



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

Documents

Product Drawings

3 CIR UNIV M-N-L PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172166-1_H.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_172166-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_172166-1_H.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Engineering Report](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[Agency Approval Document](#)

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