

1-172168-9 ✓ ACTIVE

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

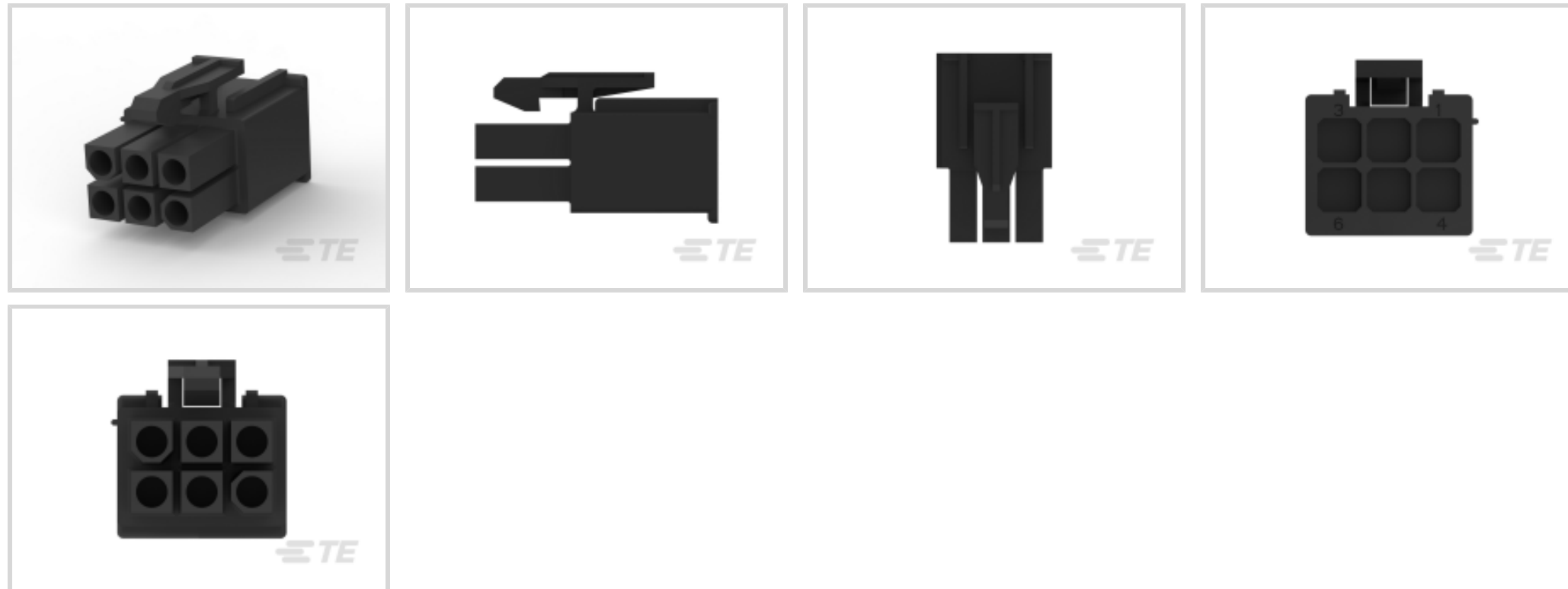
TE Internal #: 1-172168-9

6 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 4.14 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	6
Number of Rows	2
Number of Power Positions	6
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	4.14 mm [.163 in]
Housing Material	Nylon 66/6

Dimensions

Row-to-Row Spacing	4.2 mm [.163 in]
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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

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	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

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



TE Part # 1-770988-1
MINI UMNL SOK 22-18AWG LP LF



TE Part # 1-770902-0
MINI UMNL SOK 26-22 AWG AU



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



TE Part # 171638-1
MINI U-M-N-L PIN CONT. L.P



TE Part # 170363-4
MINI UNIVERSAL M-N-L PIN LP



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



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



TE Part # 770986-3
MINI UMNL SOK 26-22AWG AU LP



TE Part # 170359-4
UNIV. M-N-L PIN



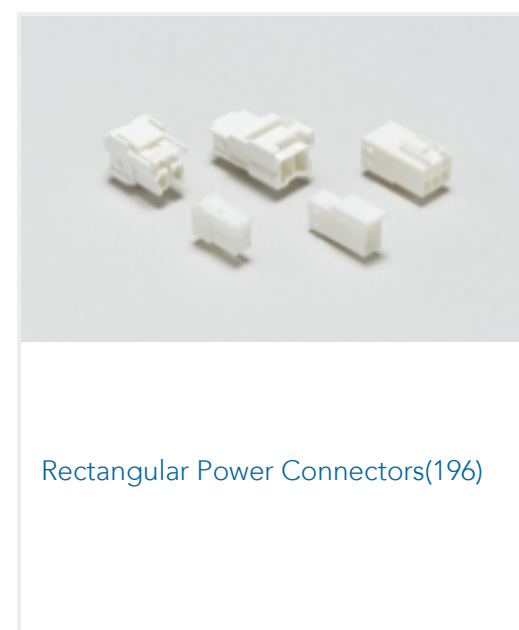
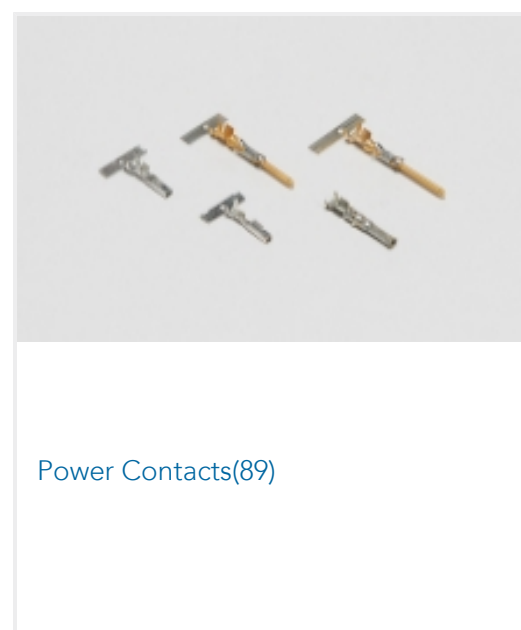
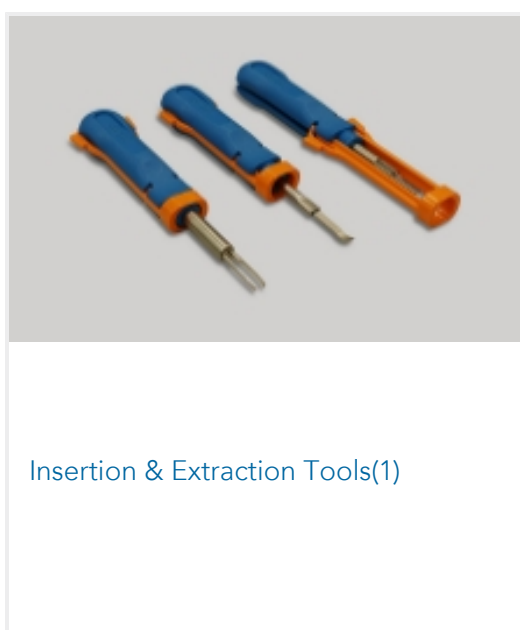
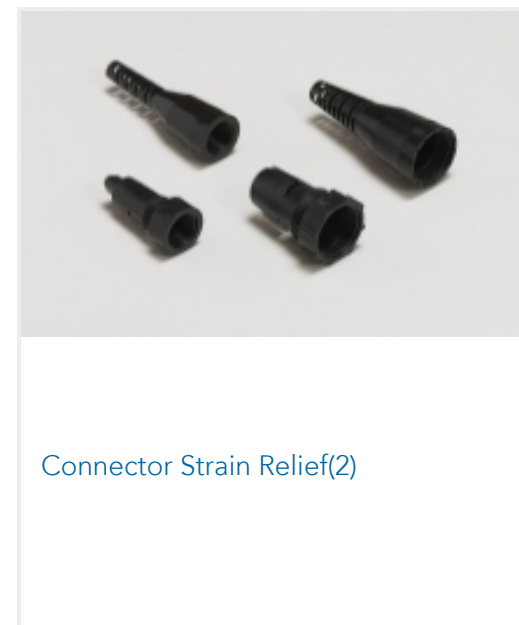
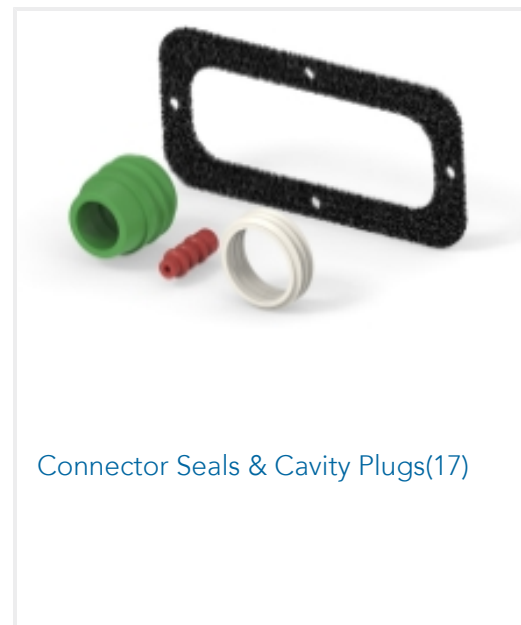
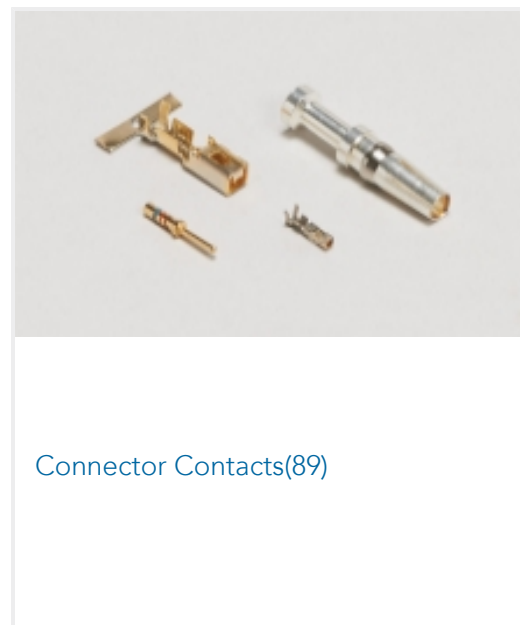
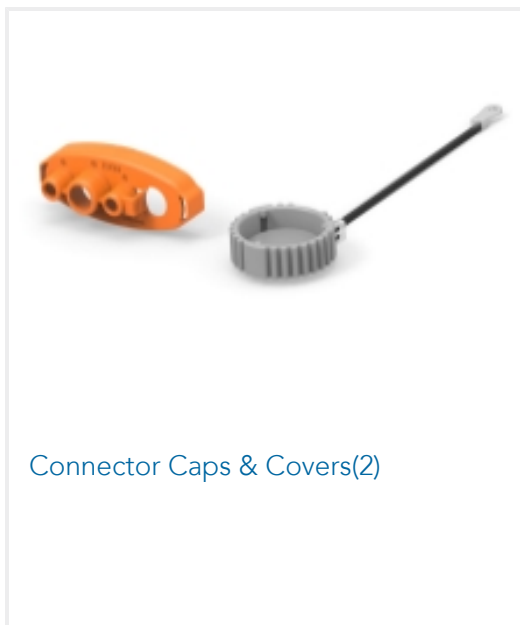
TE Part # 170362-4
MINI UNIVERSAL M-N-L SOCKET



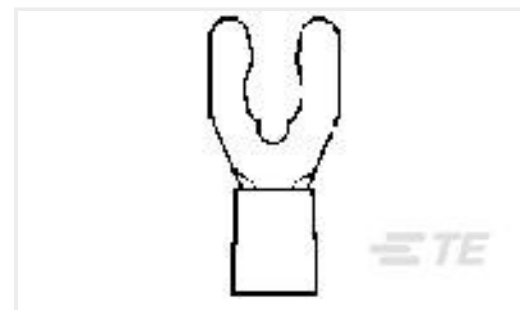
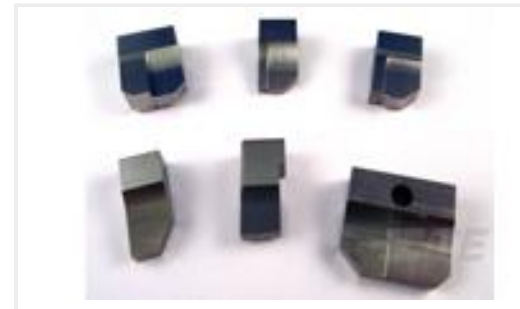
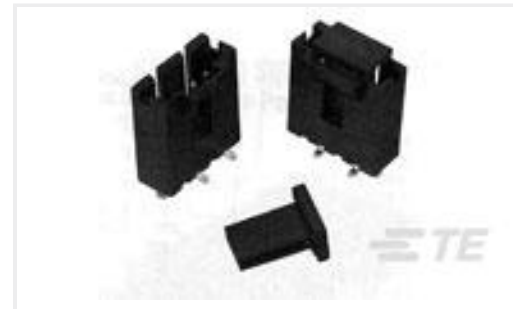
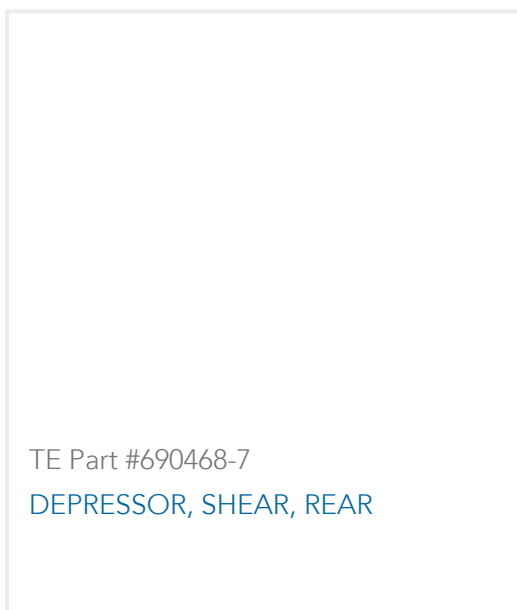
TE Part # 770904-3
MINI UMNL SOK 22-18 AWG AU



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



Customers Also Bought

TE Part #E77815-000
B-155-1503TE Part #53831-2
SOLIS SP SPD 22-16COM22-18MIL8TE Part #88859-3
010 HOUSING FFC RCPT SR 100CLTE Part #1-172157-2
2CIR MINI U-M-N-L CAP REDTE Part #1-172233-9
2P MINI UNIV FREE HANG BLACKTE Part #4-1333201-0
ANVIL, COMBINATION .055TE Part #5-1375583-3
04 MTE VERTICAL SMT HDR 30 AUTE Part #CB2042-000
B-155-9101TE Part #690468-7
DEPRESSOR, SHEAR, REARTE Part #1-1825043-9
UP3DTBNLA04,MICROSWITCH,SNAP

Documents

Product Drawings

MINI UNIVERSAL M-N-L PLUG 6P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-172168-9_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172168-9_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172168-9_M.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