

770587-1 ✓ ACTIVE

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

TE Internal #: 770587-1

24 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 4.14 mm

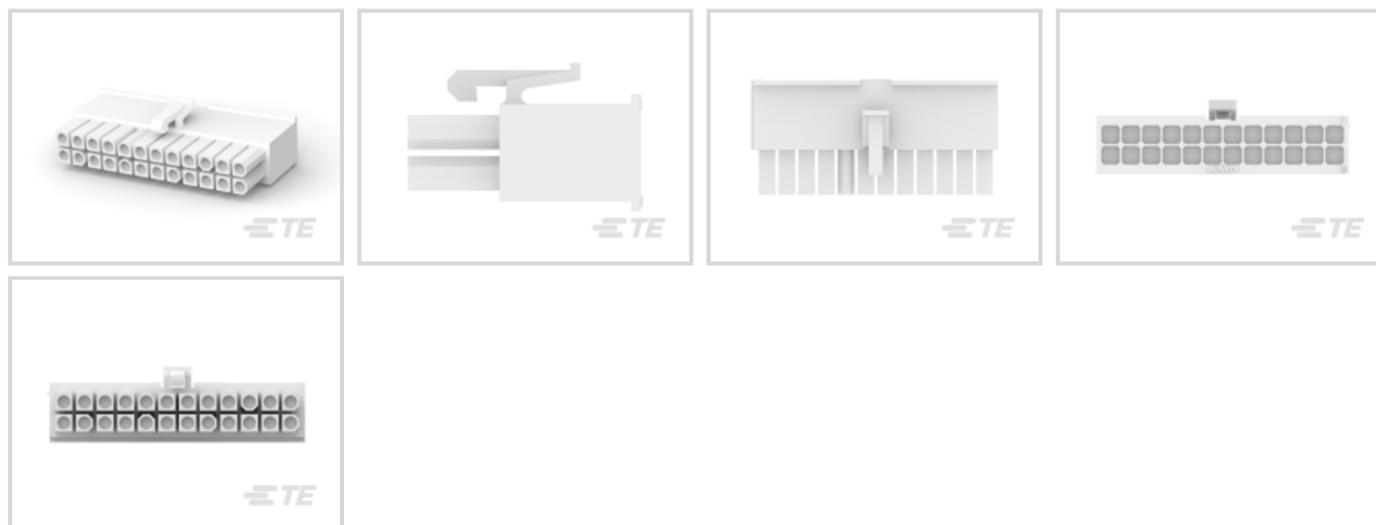
[.163 in] Centerline, 2 Row, 600 VAC, Wire & Cable, Mini-Universal

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	24
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Primary Product Color	White
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Contact Features

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

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

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

Dimensions

Row-to-Row Spacing	4.14 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

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	1
Packaging Method	Package

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

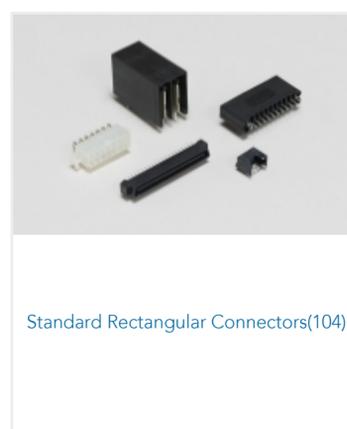
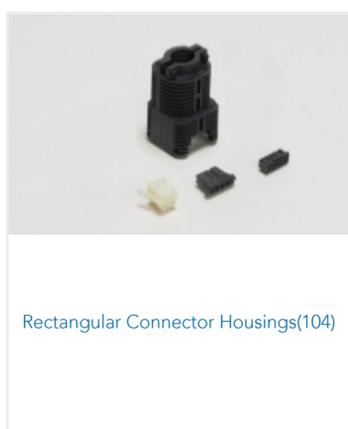
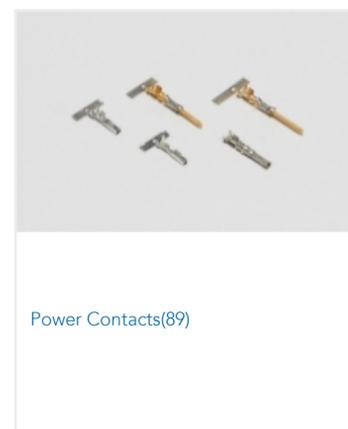
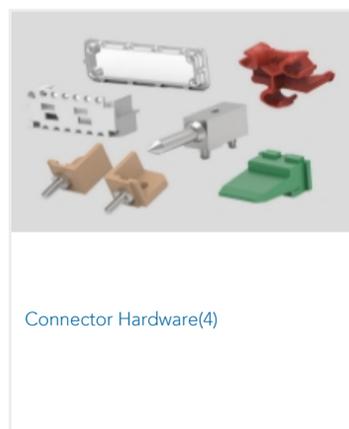
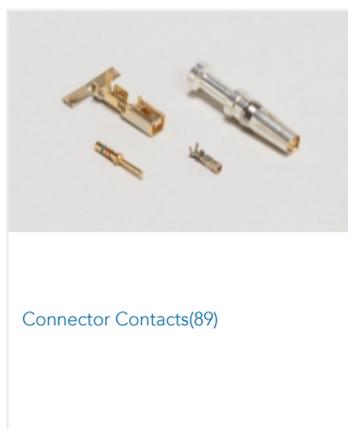
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 770904-2
MINI UMNL SOK 22-18 AWG UNPLTDTE Part # 770834-2
MINI UMNL SOCKET UNPLTE Part # 794407-5
MINI UNML SCKT 20-16AWG UNPLTDTE Part # 8-170362-2
MINI UNIVERSAL M-N-L SOCKETTE Part # 8-170361-2
MINI UNIVERSAL M-N-L SOCKETTE Part # 1-794079-1
24P MINI UMNL HDR W/O DH AU LFTE Part # 1-770834-1
MINI UMNL SOK PHBRZ AU LFTE Part # 170361-1
UNIV M-N-L SOC. 26-22 AWG



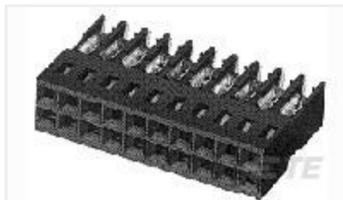
Also in the Series | Mini-Universal MATE-N-LOK



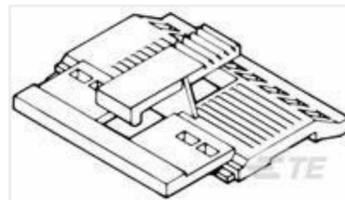
Customers Also Bought



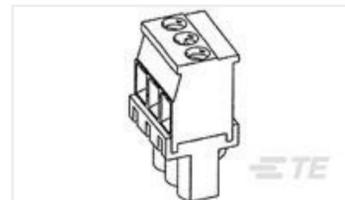
TE Part #41582
RING 190(4.82 MM) 24-20 AWG TPBR



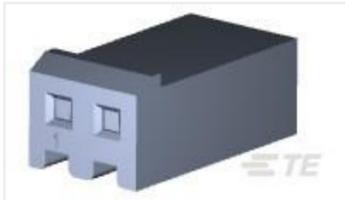
TE Part #5-102398-7
18 AMPMODU MT ASSY DR .100CL



TE Part #102681-4
18 AMPMODU MT COVER DR .100CL



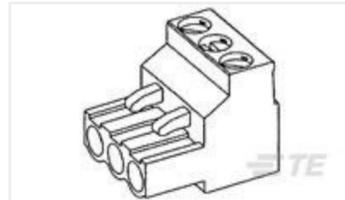
TE Part #1-284041-2
TERMINAL BLOCK VERTICAL PLUG S



TE Part #647401-2
02P SL156 HSG W/RAMP,LRG OPEN



TE Part #770586-1
22P MINI UMNL PLUG HSG



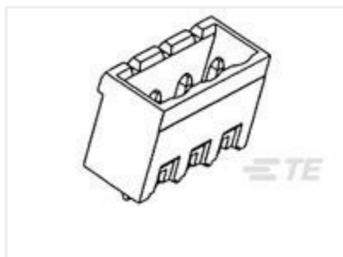
TE Part #1-796634-7
17 POS 5.08MM R/A PLUG,TRM BLK



TE Part #3-796635-8
16P 5.08 R/A PLUG,MARKED



TE Part #2304643-3
27POS, HYBRID, REC HSG ASSY, SLD



TE Part #1-796636-2
12POS 5.08MM CE VRT HDR, TRM BK

Documents

Product Drawings

24P MINI UMNL PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_770587-1_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770587-1_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770587-1_M.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

mini-universal-mate-n-lok-connectors

English

Product Specifications

Engineering Report

English

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English