

770030-1 ✓ ACTIVE

MATE-N-LOK | Universal MATE-N-LOK, Universal MATE-N-LOK II

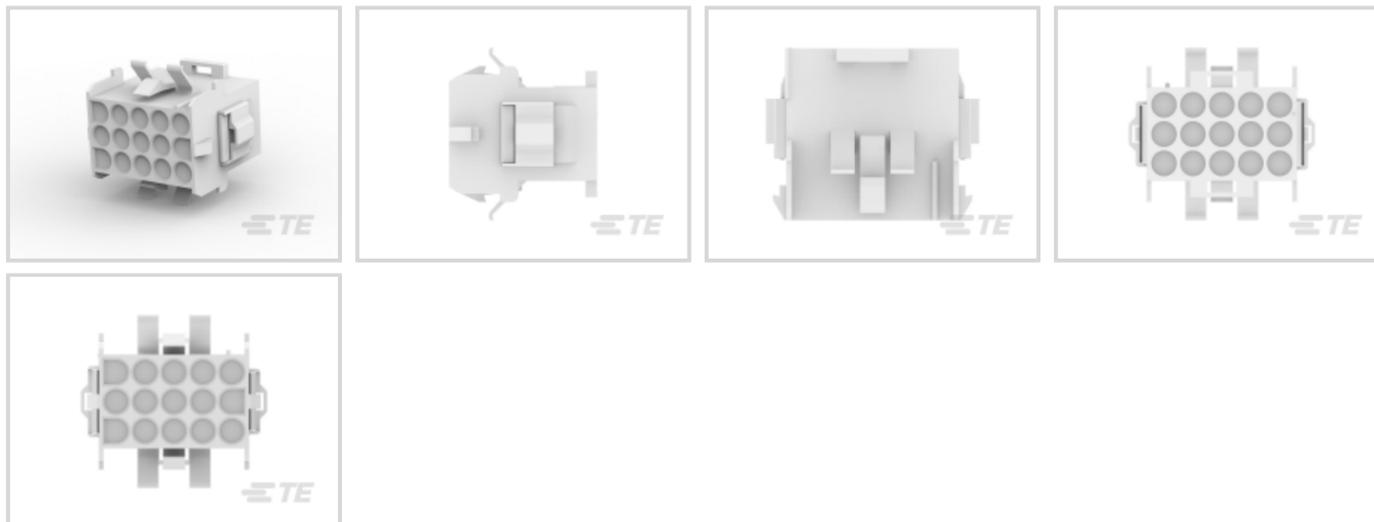
TE Internal #: 770030-1

15 Position, Cap, Housing, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-0, 6.35 mm [.25 in] Centerline, 3 Row, 600 VAC, 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

Assembly Requirement	Unassembled Kit
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	15
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	White
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	6.35 mm [.25 in]
Housing Material	Nylon GF

Dimensions

Panel Thickness (Recommended)	.76 – 2.29 mm [.76 – 2.29 in]
Connector Width	21.46 mm
Connector Length	33.02 mm
Row-to-Row Spacing	6.35 mm [.25 in]

Usage Conditions

Operating Temperature Range	-55 – 120 °C [-67 – 248 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
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
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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

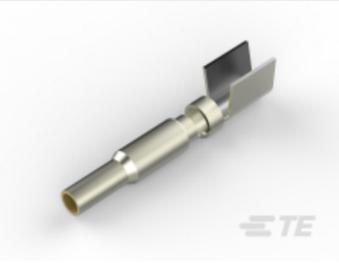
Product Compliance Disclaimer

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





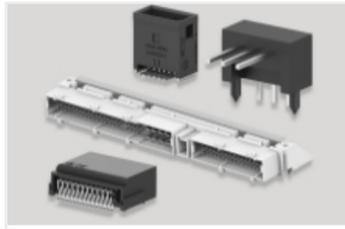
 <p>TE Part # 1-770247-0 UMNL II SOK SN/AUNI/PHBZ LP</p>	 <p>TE Part # 1-770249-0 UMNL II SOK SN/AUNI/PHBZ LP</p>	 <p>TE Part # 193796-1 PIN CONTACT - 2MM,10AWG</p>	 <p>TE Part # 770194-1 UMNL II GROUND PIN 14-20 AWG</p>
 <p>TE Part # 770249-3 UMNL II SOK PTPPHBZ LP 12-14</p>	 <p>TE Part # 770010-3 UMNL II SOK PTPPHBZ</p>	 <p>TE Part # 770006-3 UMNL II SOK PTPPHBZ</p>	 <p>TE Part # 770251-3 UMNL II SOK PTPPHBZ LP 20-14</p>
 <p>TE Part # 770416-6 UMNL II SOK AU/PHBZ L/P</p>	 <p>TE Part # 770009-1 UMNL II PIN PTPBR</p>	 <p>TE Part # 770252-1 UMNL II PIN PTPBR LP 24-18</p>	 <p>TE Part # 770253-3 UMNL II SOK PTPPHBZ LP 24-18</p>
 <p>TE Part # 770255-1 UMNL II GROUND PIN LP 14-20</p>	 <p>TE Part # 1863007-1 15P UMNL PLUG HSG</p>	 <p>TE Part # 58382-1 TOOL, DISENGAGEMENT</p>	 <p>TE Part # 770253-4 UMNL II SOK SNAUNIPHBZ LP24-18</p>

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

 <p>Circular Power Connectors(2)</p>	 <p>Connector Caps & Covers(34)</p>	 <p>Connector Seals & Cavity Plugs(27)</p>	 <p>Connector Strain Relief(7)</p>
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Insertion & Extraction Tools(4)



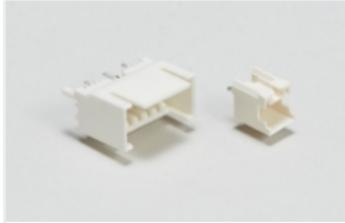
PCB Headers & Receptacles(285)



Rectangular Power Connectors(45)



Standard Circular Connectors(1)



Wire-to-Board Headers & Receptacles (285)

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



Connector Contacts(42)



Connector Hardware(1)



Hand Crimping Tools(3)



Power Contacts(42)



Rectangular Connector Housings(45)



Rectangular Power Connectors(45)



Standard Rectangular Connectors(45)

Customers Also Bought



TE Part #42742-2
250 FASTON FLAG REC 18-12 AWG
TPBR



TE Part #61177-2
250 FASTON FLAG REC 18-12 AWG
TPBR



TE Part #62001-2
SPLICE AMVAR 3000-7000 .020TPBR



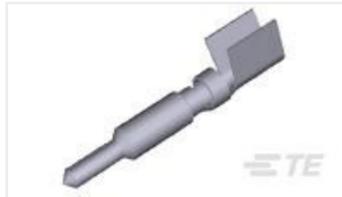
TE Part #62157-2
SPLICE AMVAR600TO3000 .020TPBR



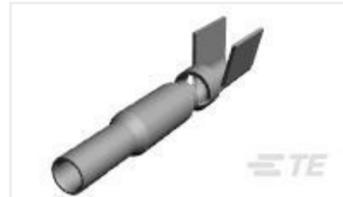
TE Part #770024-1
02P UMNLI IN-LINE CAP HSG KIT



TE Part #770028-1
09P UMNLI IN-LINE CAP HSG KIT



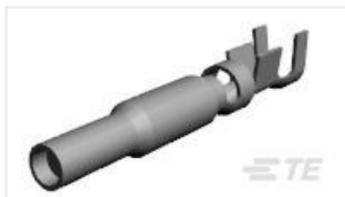
TE Part #770246-3
UMNLI II PIN PTPPHBZ LP 12-10



TE Part #770247-3
UMNLI II SOK PTPPHBZ LP 12-10



TE Part #770250-1
UMNLI II PIN PTPBR LP 20-14



TE Part #770251-3
UMNLI II SOK PTPPHBZ LP 20-14

Documents

Product Drawings

15P UMNLI IN-LINE CAP HSG KIT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_770030-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770030-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770030-1_E.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_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English