

770023-1 ✓ ACTIVE

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

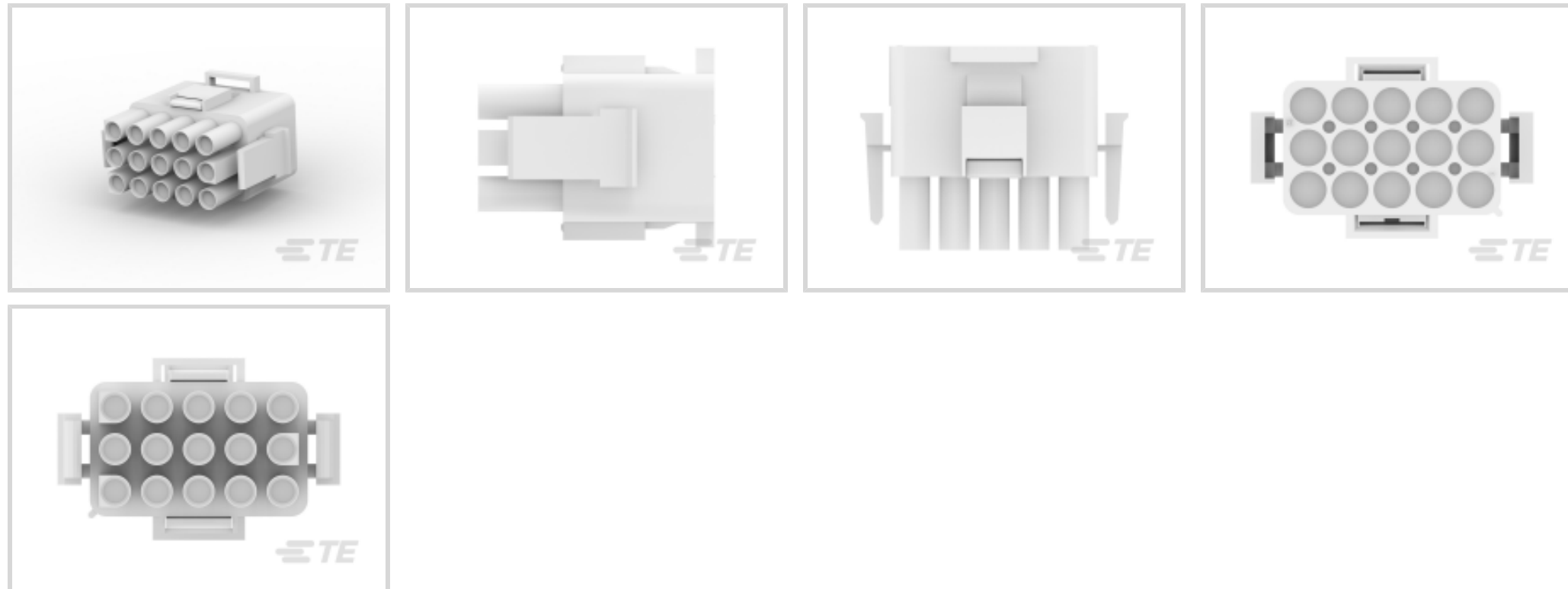
TE Internal #: 770023-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 15  
Position, 6.35 mm [.25 in] Centerline, Wire & Cable, UL 94V-0,  
Universal MATE-N-LOK

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Number of Positions: **15**

Centerline (Pitch): **6.35 mm [.25 in]**

## Features

### Product Type Features

Assembly Requirement	Unassembled Kit
Rectangular Power Connector 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 VAC
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### Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix



Contact Retention Within Housing	Without
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Contact Type	Socket
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### 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)	6.35 mm [.25 in]
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Housing Color	White
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Housing Material	Nylon GF
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### Dimensions

	.03 – .09 in
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Product Width	22.99 mm
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Product Length	33.02 mm
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Row-to-Row Spacing	6.35 mm [.25 in]
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### 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

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

Packaging Quantity	1
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Packaging Method	Package
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### 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 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I &lt; 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 # 1-770005-0  
UMNL II PIN AUSN/NI/BR



TE Part # 350714-1  
15P UMNL PIN HDR ASSY 94VO



TE Part # 643430-1  
15P UMNL HDR ASSY POL 94VO



TE Part # 926647-3  
UNIV.M-N-L.CAP HSG



TE Part # 770058-1  
15P UMNL II CAP REAR 94VO



TE Part # 350830-1  
15P UMNL HDR ASSY PC 94VO



TE Part # 770030-1  
15P UMNLII IN-LINE CAP HSG KIT



TE Part # 350714-4  
15P UMNL PIN HDR ASSY 94VO LF



TE Part # 770057-1  
15P UMNL II CAP-FRONT 94VO



TE Part # 1-770009-0  
UMNL II PIN AUSN/NI/BR




TE Part # 641976-1  
15P UMNL PIN HDR ASSY POL 94VO




TE Part # 1-770247-0  
UMNL II SOK SN/AUNI/PHBZ LP


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



Circular Power Connectors(2)




Connector Caps & Covers(34)




Connector Contacts(209)




Connector Hardware(12)




Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



Rectangular Connector Housings(1)





Rectangular Power Connectors(672)

## Customers Also Bought

TE Part #770028-1  
09P UMNLI IN-LINE CAP HSG KITTE Part #770026-1  
04P UMNLI IN-LINE CAP HSG KITTE Part #770029-1  
12P UMNLI IN-LINE CAP HSG KITTE Part #770018-1  
03P UMNLI IN-LINE PLUG HSG KITTE Part #770027-1  
06P UMNLI IN-LINE CAP HSG KITTE Part #770020-1  
06P UMNLI IN-LINE PLUG HSG KITTE Part #770004-3  
UMNLI II SOK PTPPHBZTE Part #2112155-1  
28POS MIXED MQS RECTE Part #NB16392001  
RW-175-1/8-0-STKTE Part #770246-3  
UMNLI II PIN PTPPHBZ LP 12-10

## Documents

### Product Drawings

[15P UMNLI IN-LINE PLUG HSG KIT](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_770023-1\\_F.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_770023-1\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_770023-1\\_F.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

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

English

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### Agency Approvals

[VDE Certificate](#)

English