

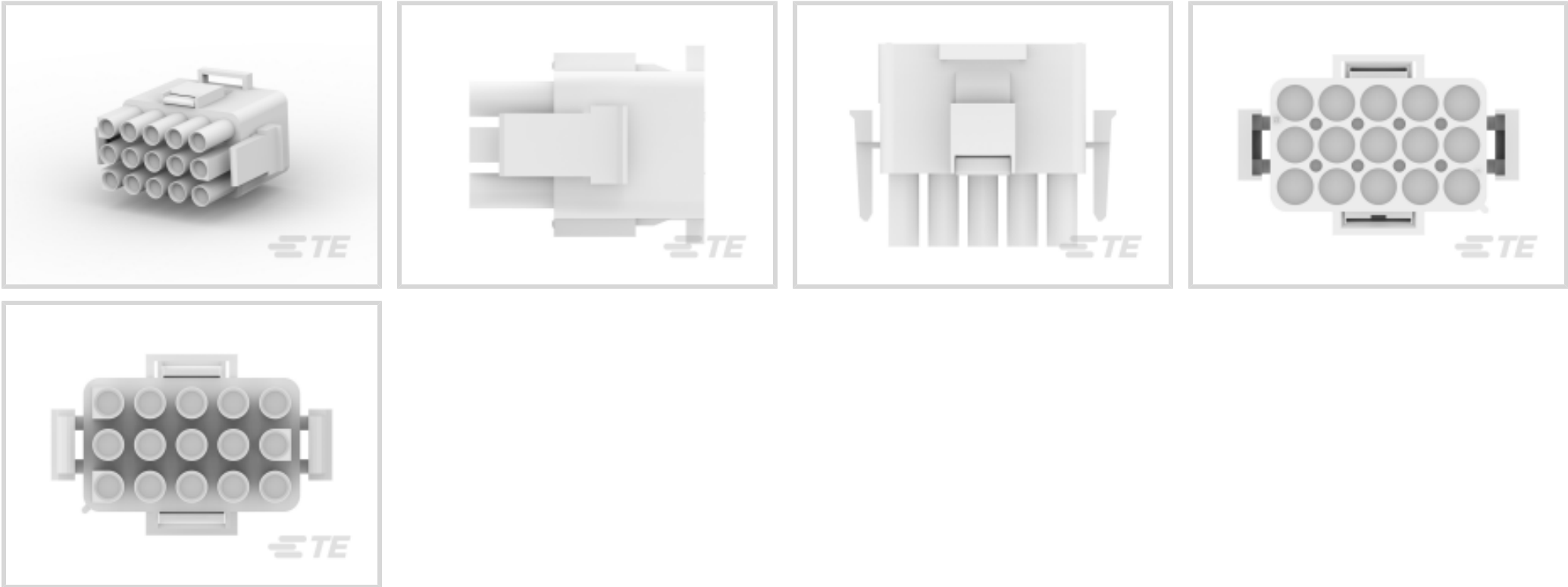


MATE-N-LOK | Universal MATE-N-LOK

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

[View on TE.com >](#)

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
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)	6.35 mm[.25 in]
Housing Color	White
Housing Material	Nylon GF

Dimensions

	.03 - .09 in
Product Width	22.99 mm
Product 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

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL, VDE
Compatible With Approved Standards Products	UL E28476
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 350830-4
15P UMNL HDR ASSY PC 94VO LF

TE Part # 350738-4
15P UMNL PIN HDR ASSY 94VO LF

TE Part # 770253-3
UMNL II SOK PTPPHBZ LP 24-18

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

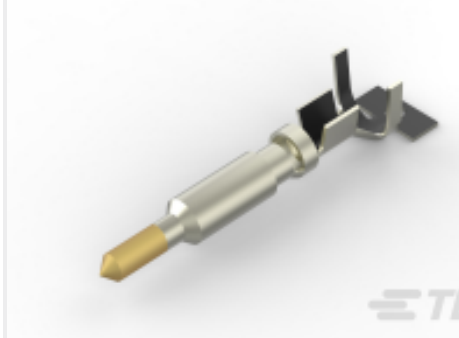
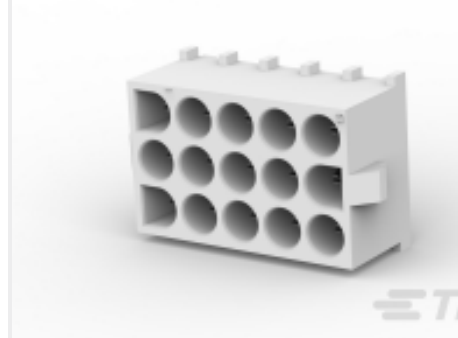
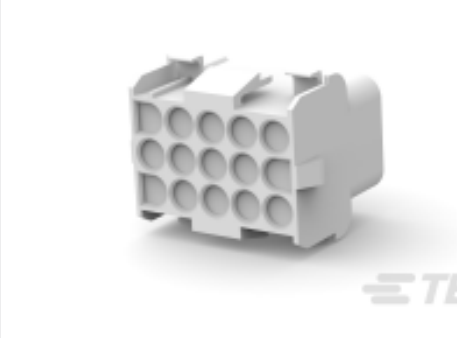
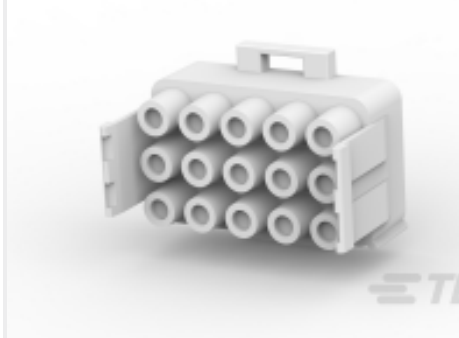
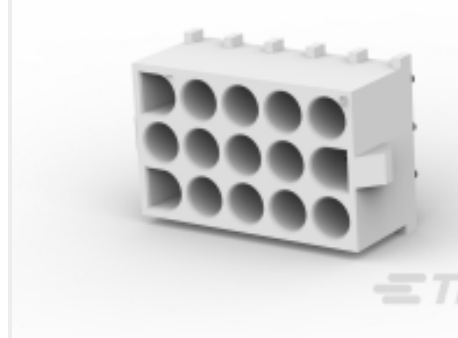
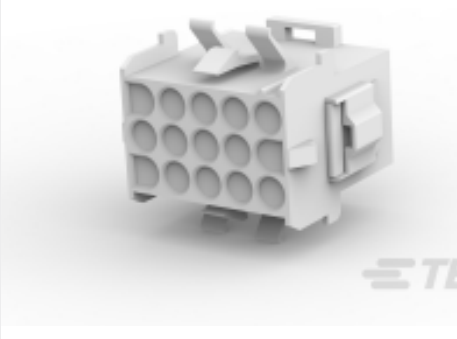
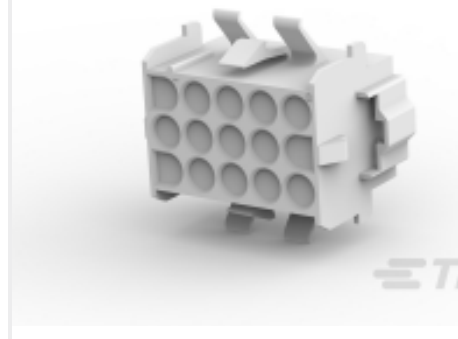
TE Part # 1-770251-0
UMNLII SOK PTPPHBZ LP LF 20-14

TE Part # 350784-1
15P UMNL CAP HSG

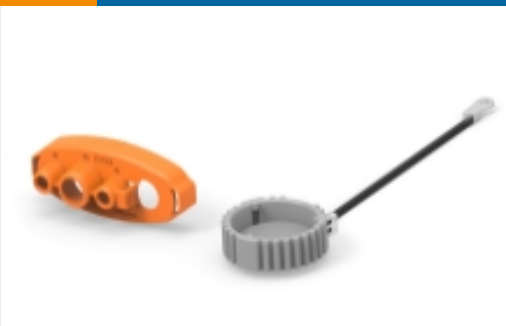
TE Part # 770252-1
UMNL II PIN PTPBR LP 24-18

TE Part # 1-770250-0
UMNL II PIN SN/AUNI/BR LP20-14



 TE Part # 770250-1 UMNL II PIN PTPBR LP 20-14	 TE Part # 770251-3 UMNL II SOK PTPPHBZ LP 20-14	 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 # 350738-1 15P UMNL PIN HDR ASSY 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

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(671)



Standard Circular Connectors(1)

Customers Also Bought



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



TE Part # 770026-1
04P UMNLI IN-LINE CAP HSG KIT



TE Part # 770029-1
12P UMNLI IN-LINE CAP HSG KIT



TE Part # 770018-1
03P UMNLI IN-LNE PLUG HSG KIT



TE Part # 770027-1
06P UMNLI IN-LINE CAP HSG KIT



TE Part # 770017-1
02P UMNLI IN-LNE PLUG HSG KIT



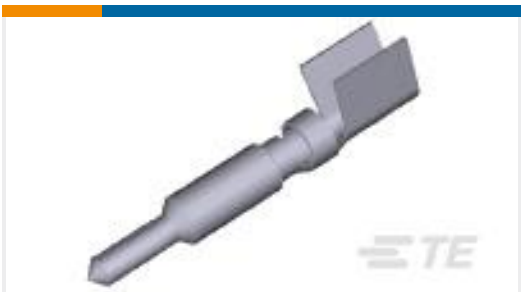
TE Part # 770020-1
06P UMNLI IN-LNE PLUG HSG KIT



TE Part # 2112155-1
28POS MIXED MQS REC



TE Part # NB16392001
RW-175-1/8-0-STK



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

Documents

Product Drawings

15P UMNLI IN-LNE 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

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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