770023-1 ✔ ACTIVE

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

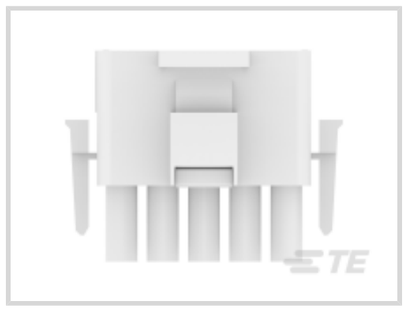
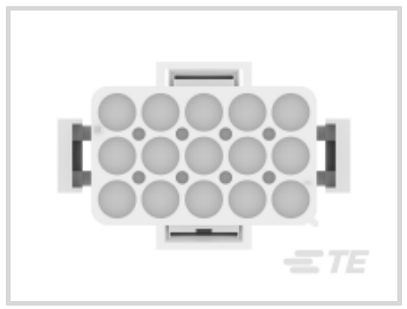
TE Internal #: 770023-1

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

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

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

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

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]

Operation/Application

Circuit Application	Power & Signal

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 350738-4
15P UMNL PIN HDR ASSY 94VO LF



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



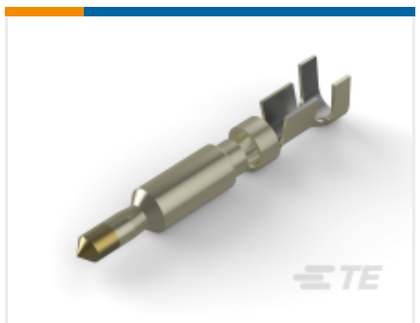
TE Part # 770247-3
UMNL II SOK PTPPHBZ LP 12-10



TE Part # 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



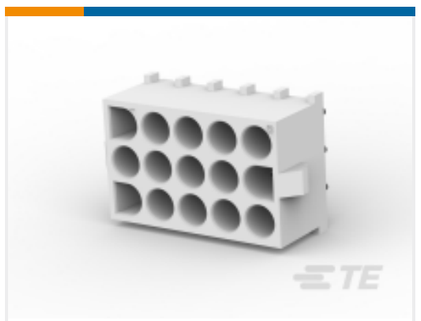
TE Part # 350714-1
15P UMNL PIN HDR ASSY 94VO



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



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



TE Part # 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



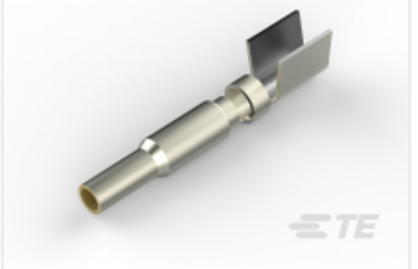
TE Part # 770057-1
15P UMNL II CAP-FRONT 94VO



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(670)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #770019-1
04P UMNLII IN-LNE PLUG HSG KIT



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



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



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



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



TE Part #770021-1
09P UMNLII IN-LNE PLUG HSG KIT



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



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



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



TE Part #770008-3
UMNL II SOK PTPPHBZ

Documents

Product Drawings

15P UMNLII 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

VDE Certificate

English