770018-1 ✔ ACTIVE

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

TE Internal #: 770018-1

Housing, Plug, Wire-to-Wire, 3 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







EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Multiple Contact Types	Without
Contact Layout	Inline
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

Product Width	20.32 mm
Product Length	22.99 mm

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	UL, VDE, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189, Certified
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

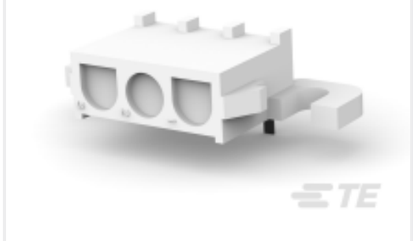
Product Compliance Disclaimer

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



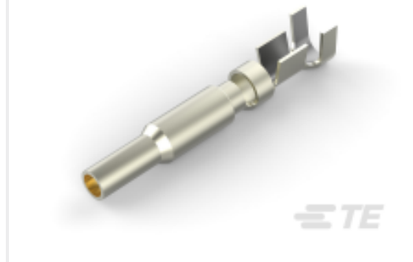
TE Part # 770253-3
UMNL II SOK PTPPHBZ LP 24-18



TE Part # 3-643228-0
03P UMNL HDR ASSY R/A 94VO LF



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



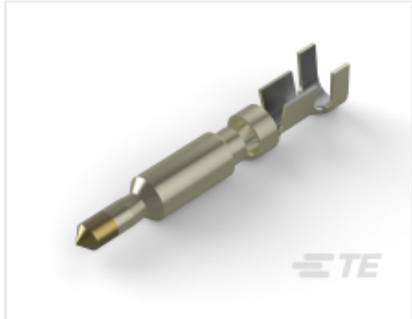
TE Part # 1-770251-0
UMNLII SOK PTPPHBZ LP LF 20-14



TE Part # 194017-1
PIN ASSY..070



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 # 643228-1
03P UMNL HDR ASSY R/A 94VO



TE Part # 3-350943-0
03P UMNL HDR ASSY R/A 94VO LF



TE Part # 350790-1
03P UMNL PIN HDR ASSY 94VO



TE Part # 350789-3
03P UMNL PIN HDR ASSY 94VO



TE Part # 173925-1
3 P ACTION PIN UMNL



TE Part # 1-770005-0
UMNL II PIN AUSN/NI/BR



TE Part # 1-350943-0
03P UMNL HDR ASSY R/A 94VO



TE Part # 350789-1
03P UMNL PIN HDR ASSY 94VO



TE Part # 350767-1
03P UMNL CAP HSG V0

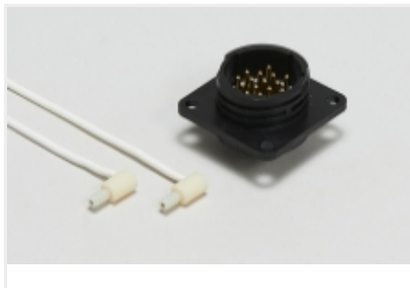


TE Part # 641966-1
03P UMNL PIN HDR ASSY 94VO



TE Part # 350825-4
03P UMNL HDR ASSY PC 94VO LF

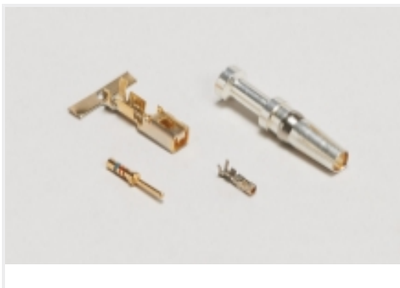
Also in the Series | Universal MATE-N-LOK



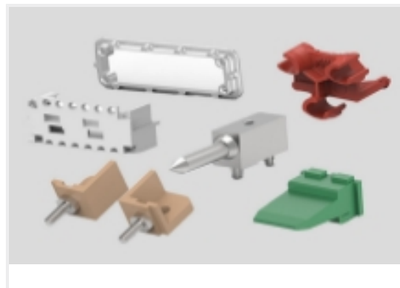
Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(209)



Connector Hardware(12)



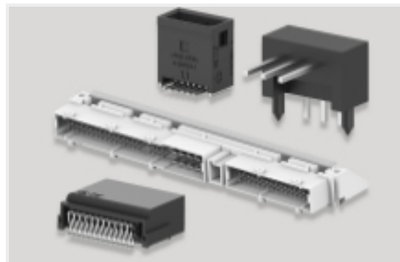
Connector Seals & Cavity Plugs(27)



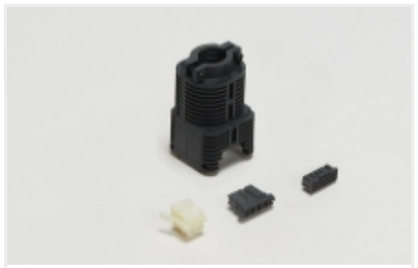
Connector Strain Relief(7)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(284)



Rectangular Connector Housings(1)



Rectangular Power Connectors(370)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #770022-1
12P UMNLII IN-LNE PLUG 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 #770027-1
06P UMNLII IN-LINE CAP HSG KIT



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



TE Part #770023-1
15P UMNLII IN-LNE PLUG HSG KIT



TE Part #770054-1
09P UMNL II CAP REAR 94VO



TE Part #770005-1
UMNL II PIN PTPBR



TE Part #770039-1
09P UMNL II PLUG-FRONT 94VO

Documents

Product Drawings

03P UMNLII IN-LNE PLUG HSG KIT

English

CAD Files

Customer View Model

ENG_CVM_CVM_770018-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770018-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770018-1_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