

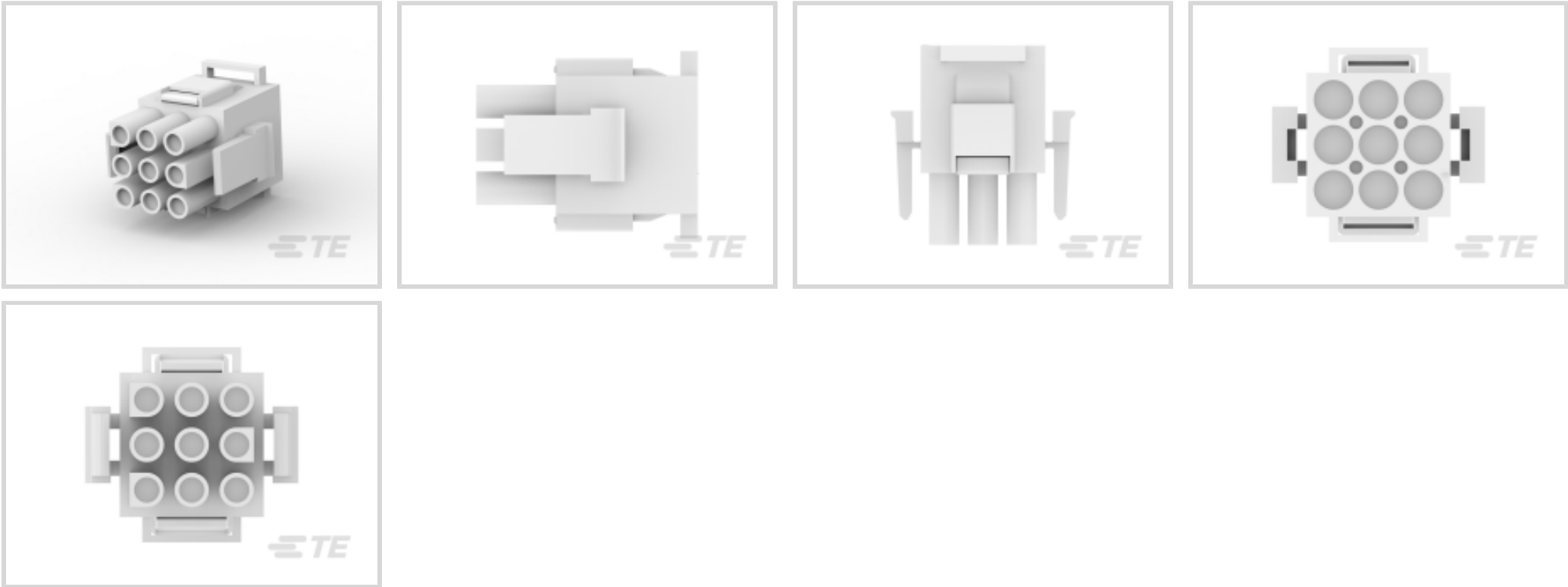


MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 770021-1
Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 9
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: **9**
Centerline (Pitch): **6.35 mm [.25 in]**

Features

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	9
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
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
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
Agency/Standard	CSA, UL, VDE
Approved Standards	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

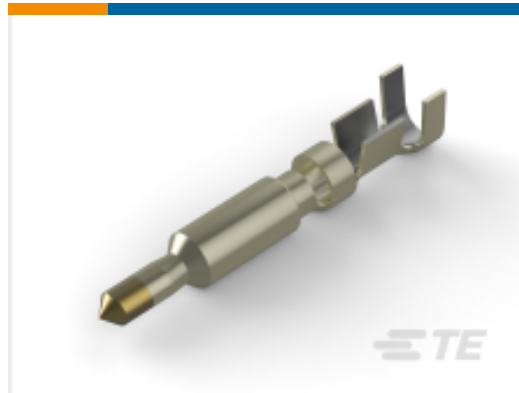


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	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 # 194012-1 PIN ASSY..070	 TE Part # 770253-3 UMNL II SOK PTPPHBZ LP 24-18	 TE Part # 350828-4 09P UMNL HDR ASSY PC 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 # 770252-1 UMNL II PIN PTPBR LP 24-18	 TE Part # 350835-4 09P UMNL HDR ASSY PC 94VO LF	 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



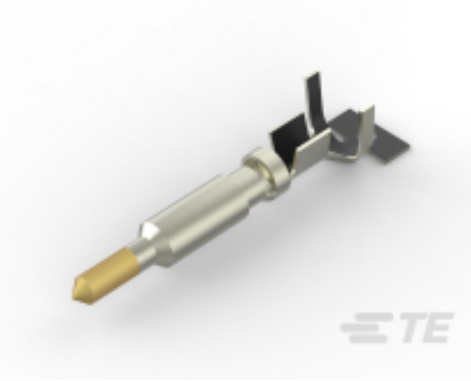
TE Part # 350712-4
09P UMNL PIN HDR ASSY 94VO LF



TE Part # 350712-1
09P UMNL PIN HDR ASSY 94VO



TE Part # 350742-4
09P UMNL PIN HDR ASSY 94VO LF



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



TE Part # 643426-3
09P UMNL SOK HDR ASSY POL LF



TE Part # 641972-3
09P UMNL PIN HDR ASSY 94VO LF



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



TE Part # 350828-1
09P UMNL HDR ASSY PC 94VO



TE Part # 927231-3
HONHUS UMNL V0 9-P



TE Part # 770053-1
09P UMNL II CAP-FRONT 94VO

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(2)



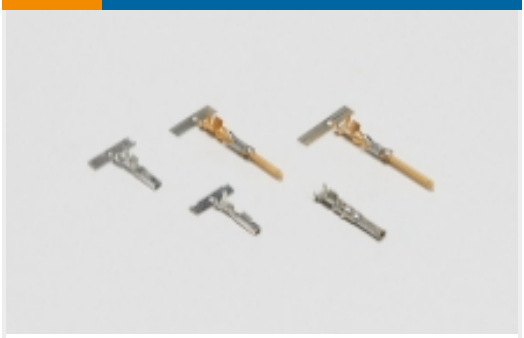
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(34)



Insertion & Extraction Tools(4)



Power Contacts(207)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(1)



Rectangular Connector Keying Plugs(3)

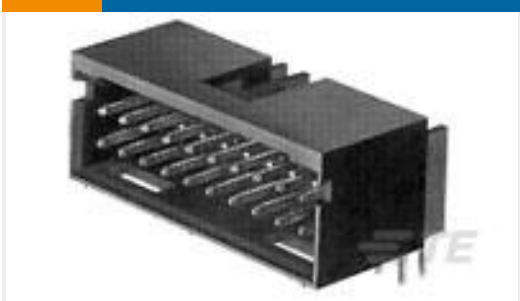


Rectangular Connector Locking(8)



Rectangular Power Connectors(672)

Customers Also Bought



TE Part #6-102617-3
30 MODII HDR DRRA SHRD LF



TE Part #6-534206-5
30 MODII VRT DR CE 100/115



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



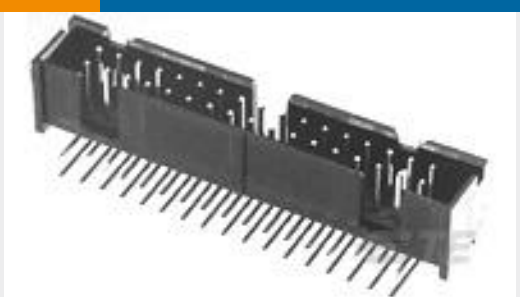
TE Part #770026-1
04P UMNLII IN-LINE CAP HSG KIT



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



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



TE Part #5103311-8
A/L LOW PRO HDR 40P RA BLACK



TE Part #8-1393253-5
W69-X2Q12-15=M6/M7/M9/W6/W7



TE Part #1986715-2
PWR TB 2PIN 2P,15.00 PCB-FLANGE



TE Part #1-6450869-7
MBXLE VERT RCPT 2P

Documents

Product Drawings

09P UMNLII IN-LNE PLUG HSG KIT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770021-1_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_770021-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770021-1_E.3d_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_770021-1_D.2d_dxf.zip](#)

English

Customer View Model

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English

Customer View Model

[ENG_CVM_770021-1_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_770021-1_03102016247_dmtec](#)

English

[MD_770021-1_03102016247_dmtec](#)

English

Instruction Sheets

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

English

Agency Approvals

[VDE Certificate](#)

English