



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

TE Internal #: 770040-1
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
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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]
Housing Color	White
Housing Material	Nylon

Dimensions

Connector Height	27.43 mm
Product Width	20.32 mm
Product Length	21.46 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: JUNE 2022 (224) 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 # 770028-1
09P UMNLI IN-LINE CAP HSG KIT



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



TE Part # 927231-5
UNML CAP HSG 9WAY



TE Part # 770039-1
09P UMNLI II PLUG-FRONT 94V0



TE Part # 1586853-1
09P UMNLI CAP HSG, GW



TE Part # 643254-1
09P UMNLI ASSY MOD HSG V0



TE Part # 794538-1
09P UMNLI CAP HSG 150C BLK



TE Part # 1969882-1
09P UMNLI CAP HSG, P/M, GW V0





TE Part # 2029299-1
9 POS UMNLCAP W/LARGE FLANGE-V0



TE Part # 2029315-1
09P UMNLCAP HSG 150C-RED

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



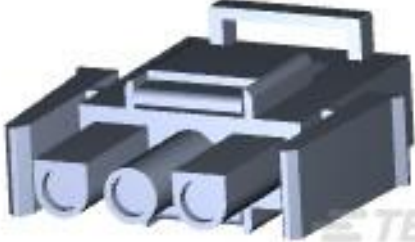
TE Part # 770055-1
12P UMNLCAP-FRONT 94V0



TE Part # 770057-1
15P UMNLCAP-FRONT 94V0



TE Part # 640716-1
09P UMNLCSTR/REL & INSRT



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



TE Part # 2-32945-1
PG R 22-16 COMM 22-18 MIL 6



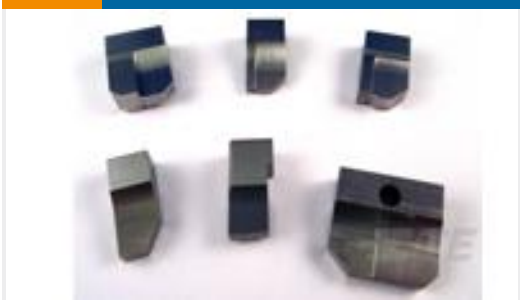
TE Part # 770005-1
UMNL II PIN PTPBR



TE Part # 770007-1
UMNL II PIN PTPBR



TE Part # 770056-1
12P UMNL II CAP REAR 94VO



TE Part # 2-1333205-6
ANVIL, COMBINATION (.090)



TE Part # 852286-1
LATCH, INSERT

Documents

Product Drawings

09P UMNL II PLUG REAR 94VO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770040-1_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770040-1_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770040-1_W.3d_stp.zip

English

3D PDF

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Customer View Model

ENG_CVM_770040-1_E.3d_igs.zip

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Customer View Model

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Customer View Model

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English



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Datasheets & Catalog Pages
SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY
English

Product Specifications
Application Specification
English