



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

TE Internal #: 770031-1

2 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 6.35 mm [.25 in] Centerline, 1 Row, 600 VAC, Wire & Cable, Universal MATE-N-LOK

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Wire**
Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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Multiple Contact Types	Without
Contact Layout	Inline
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 Material	Nylon GF

Dimensions

	.55 in
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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

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

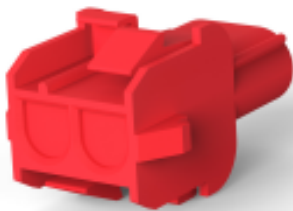
Product Compliance Disclaimer

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 # 2178927-1 02P UMNL CAP HSG	 TE Part # 2178649-2 2P UMNL CAP HSG, GW	 TE Part # 770032-1 02P UMNL II PLUG REAR 94VO	 TE Part # 643250-1 02P UMNL ASSY MOD HSG V0
 TE Part # 794815-1 02P UMNL CAP HSG,HI TEMP	 TE Part # 2178649-1 2P UMNL CAP HSG, GW	 TE Part # 2178649-3 2P UMNL CAP HSG, GW	 TE Part # 1703062-2 CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK





TE Part # 1703062-3
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



TE Part # 1586856-1
02P UMNL CAP HSG, GW



TE Part # 2-480699-0
02P UMNL CAP HSG NATL



TE Part # 1703062-1
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



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

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



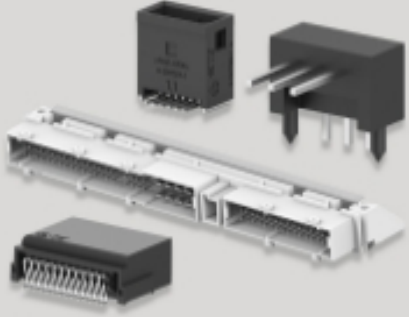
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(285)



Rectangular Power Connectors(643)



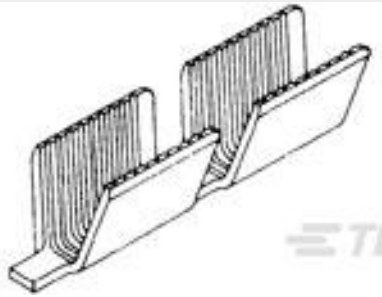
Standard Circular Connectors(1)



Wire-to-Board Headers & Receptacles
(285)

Customers Also Bought





TE Part #62307-2
[AMVAR SPLC 1500-5000 016TPBR](#)



TE Part #177901-1
[POWER DBL LOCK PLUG HSG 6P](#)



TE Part #794221-1
[MINI UMN2 SOK 22-18 AWG SN](#)



TE Part #CAT-P8704-P729
[STD Temp Power Key Plug](#)



TE Part #CAT-P8704-T669
[Power Key TPA](#)

TE Part #354005-3
[BLADE, SHEAR](#)

TE Part #354005-4
[BLADE, SHEAR](#)

TE Part #354104-3
[PLATE, RETAINER](#)

Documents

Product Drawings

[02P UMN2 II PLUG-FRONT 94V0](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_770031-1_V.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_770031-1_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770031-1_V.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

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1 Row, 600 VAC, Wire & Cable, Universal MATE-N-LOK



English