



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	6
Number of Rows	2

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	Matrix
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

	1.08 in
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

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
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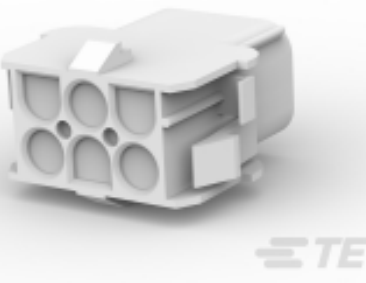


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	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 # 926682-4 6P UN-MNL AUFN-GEH	 TE Part # 1586860-1 06P UMNL CAP HSG, GW	 TE Part # 1969881-1 06P UMNL CAP HSG, P/M, GW V0	 TE Part # 643253-1 06P UMNL ASSY MOD HSG VO
 TE Part # 8-794536-1 06P UMNL CAP HSG 150C BLK, SPE	 TE Part # 926682-1 UNIVERSAL M-N-L CAP 6 POS	 TE Part # 1586887-1 06P UMNL CAP HSG, P/M, GW	 TE Part # 794714-3 06P UMNL CAP HSG RED,PAN MNT



TE Part # 794536-1
06P UMNL CAP HSG 150C BLK

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

TE Part # 926682-3
06P UNIV.M-N-L.HSG.

TE Part # 2029367-1
06P UMNL-II TW-N-LK-CAP FRONT

TE Part # 2029369-1
06P UMNL-II REAR, TW-N-LK-CAP

TE Part # 770037-1
06P UMNL II PLUG-FRONT 94VO

Also in the Series | Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Contacts(206)

Connector Hardware(12)

Power Contacts(206)

Rectangular Power Connectors(642)

Standard Circular Connectors(1)

Customers Also Bought

TE Part #170224-2
250 FASTON,REC.,16-10 AWG,BR

TE Part #175150-2
AMP UNIVE. POWER CONN TAB
CONT

TE Part #770008-3
UMNL II SOK PTPPHBZ

TE Part #770040-1
09P UMNL II PLUG REAR 94VO



Documents

Product Drawings

06P UMN II PLUG REAR 94VO

English

CAD Files

Customer View Model

ENG_CVM_CVM_770038-1_Z.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770038-1_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770038-1_Z.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

770038-1

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



English