



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	1
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 Type	Socket
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Nylon 66
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Dimensions

Connector Width	6.9 mm
Connector Length	23.7 mm

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Melamine (3% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 170364-1 MINI UNIVERSAL M-N-L PIN LP	 TE Part # 171639-1 MINI U-M-N-L SOCKET L.P	 TE Part # 172156-1 1 CIR UNIV M-N-L CAP	 TE Part # 170361-4 UNIV. M-N-L SOC.
 TE Part # 1-770988-0 MINI UMNL SOK 22-18AWG AU	 TE Part # 1-794407-0 MINI UMNL SOK 20-16 AWG AU LF	 TE Part # 1-770834-0 MINI UMNL SOK AU LF	 TE Part # 1-770903-1 MINI UMNL PIN 22-18 AWG AU LF



TE Part # 794407-1
MINI UNML SCKT 20-16 AWG SN

TE Part # 170366-4
MINI UNIVERSAL M-N-L SOCKET LP

TE Part # 770987-1
MINI UMNL PIN 22-18AWG SN LP

TE Part # 170361-3
MINI UNIVERSAL M-N-L SOCKET

TE Part # 170366-3
MINI UNIVERSAL M-N-L SOCKET LP

TE Part # 170359-3
MINI UNIVERSAL M-N-L PIN

TE Part # 770901-1
MINI UMNL PIN 26-22 AWG SN

TE Part # 770904-1
MINI UMNL SOK 22-18 AWG SN

TE Part # 770835-1
MINI UMNL PIN SN

TE Part # 770834-1
MINI UMNL SOCKET SN

TE Part # 770904-6
MINI UMNL SOK CONT 22-18AWG AU

TE Part # 770986-1
MINI UMNL SOK 26-22AWG SN LP

Also in the Series | Mini-Universal MATE-N-LOK

Connector Caps & Covers(2)

Connector Contacts(89)

Connector Hardware(4)

Power Contacts(89)

Rectangular Connector Housings(104)

Rectangular Power Connectors(196)

Standard Rectangular Connectors(104)

Customers Also Bought



TE Part #1554809-4
RITS CONN. PLUG ASSY 4P YELLOW COVER



TE Part #172166-1
3 CIR UNIV M-N-L PLUG



TE Part #1-794374-1
SINGLE CIRCUIT MINI UMNL ASSY



TE Part #1554809-3
RITS CONN. PLUG ASSY 3P YELLOW COVER



TE Part #2-179552-4
DYNAMIC D-3200S TAB HSG 4P K/Y



TE Part #1241374-3
AMP MCP 1.5K, CONTACT



TE Part #2-1969541-8
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #2-1823498-1
62POS, MIXED, REC HSG, ASSY, SEALED



TE Part #1-1718484-4
CARRIER FOR RECEPTACLE INSERTS



TE Part #2260827-2
F07 APF CABLE ASSY L500

Documents

Product Drawings

1 CIR UNIV M-N-L PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172164-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_172164-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_172164-1_J.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_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English