



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: **1**
Sealable: **No**

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	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Layout	Inline
Multiple Contact Types	Without
Contact Retention Within Housing	Without



Contact Type	Socket
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature	Without
Connector Mounting Type	Panel Mount
Housing Features	
Housing Color	Natural
Housing Material	Nylon 66
Dimensions	
Width	6.9 mm
Length	23.7 mm
Usage Conditions	
Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
Operation/Application	
Assembly Integration Feature	Without
Circuit Application	Power & Signal
Industry Standards	
CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189
VDE Tested	No
Packaging Features	
Packaging Method	Bag
Packaging Quantity	500
Other	
For Use With	Mini-Universal MATE-N-LOK Plug Housing



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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 1-770985-0
MINI UMNL PIN 26-22AWG AU LP

TE Part # 1-770987-0
MINI UMNL PIN 22-18 AWG AU LP

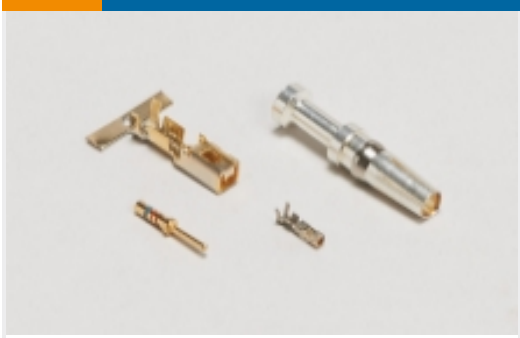
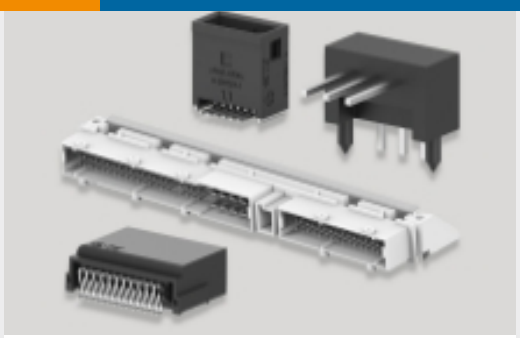
TE Part # 770988-3
MINI UMNL SOK 22-18AWG AU LP

TE Part # 1-794059-0
MINI UMNL PIN L/P LF



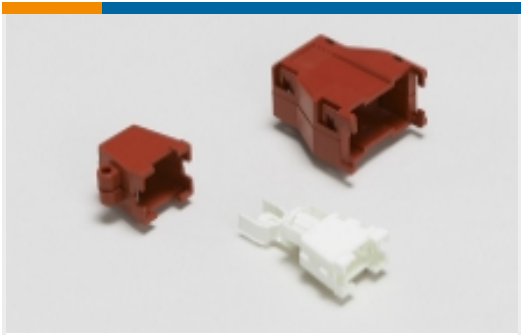
 TE Part # 770988-1 MINI UMNL SOK 22-18AWG SN LP	 TE Part # 770986-1 MINI UMNL SOK 26-22AWG SN LP	 TE Part # 170365-3 MINI UNIVERSAL M-N-L SOCKET LP	 TE Part # 170364-3 MINI UNIVERSAL M-N-L PIN LP
 TE Part # 770985-1 MINI UMNL PIN 26-22AWG SN LP	 TE Part # 1-794407-1 MINI UMNL SOK 20-16 AWG AU LF	 TE Part # 170363-3 MINI UNIVERSAL M-N-L PIN LP	 TE Part # 171639-1 MINI U-M-N-L SOCKET L.P
 TE Part # 770903-3 MINI UMNL PIN 22-18 AWG AU	 TE Part # 170364-1 MINI UNIVERSAL M-N-L PIN LP	 TE Part # 1-770902-1 MINI UMNL SOK 26-22 AWG AU LF	 TE Part # 170366-1 MINI UNIVERSAL M-N-L SOCKET LP
 TE Part # 170363-1 MINI UNIVERSAL M-N-L PIN LP	 TE Part # 170365-1 MINI UNIVERSAL M-N-L SOCKET LP	 TE Part # 794406-3 MINI UMNL CONT 20-16AWG AU	 TE Part # 770902-3 MINI UMNL SOK 26-22 AWG AU

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

 Connector Contacts(11)	 Insertion & Extraction Tools(1)	 PCB Headers & Receptacles(1)	 Power Contacts(85)
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Rectangular Backshells & Clamps(2)



Rectangular Boots & Strain Relief(2)



Rectangular Connector Keying Plugs(2)



Rectangular Connector Locking(2)



Rectangular Connector Seals(20)



Rectangular Power Connectors(283)

Customers Also Bought



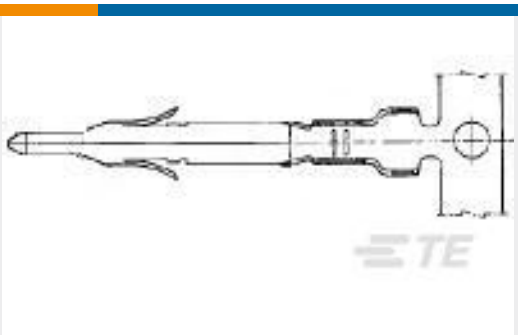
TE Part #2-1879073-4
THS10 22R 5%



TE Part #170364-1
MINI UNIVERSAL M-N-L PIN LP



TE Part #172157-1
2CIR MINI U-M-N-L CAP NATL



TE Part #170363-1
MINI UNIVERSAL M-N-L PIN LP



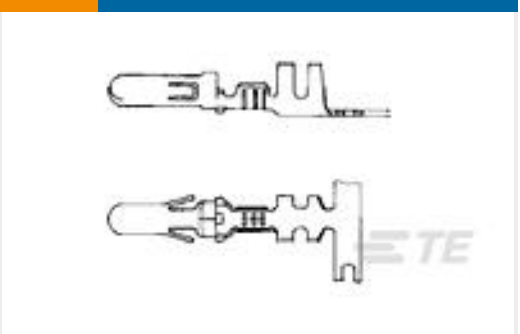
TE Part #172161-1
9 CIR UNIV M-N-L CAP



TE Part #172160-1
6 CIR UNIV M-N-L CAP



TE Part #EC0236-000
05811923



TE Part #925662-1
9140 DIA PIN



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



TE Part #9-1879210-5
CPF 0402 1K43 0.1% 25PPM 5K RL

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

1-1773458-0_MINI_UNIVERSAL_MATE_N_LOK_CONNECTOR_SYSTEM_QRG

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_172164-1_09192017018_dmtec

English

MD_172164-1_09192017018_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English

Agency Approval Document

English