



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: **2**

Centerline (Pitch): **4.14 mm [.162 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	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Inline
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	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	4.14 mm[.162 in]
Housing Color	Natural
Housing Material	Nylon 6/6
Dimensions	
Height	5.6 mm
Width	10.8 mm
Length	23.7 mm
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
VDE Tested	No
Agency/Standard	CSA
Packaging Features	
Packaging Method	Bag
Packaging Quantity	1000
Other	
For Use With	Mini-Universal MATE-N-LOK Cap Housing



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: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 170361-1
UNIV M-N-L SOC. 26-22 AWG



TE Part # 170362-1
UNIV M-N-L SOC. 22-18 AWG



TE Part # 170359-1
UNIV M-N-L PIN 26-22 AWG



TE Part # 170360-1
UNIV M-N-L PIN 22-18 AWG

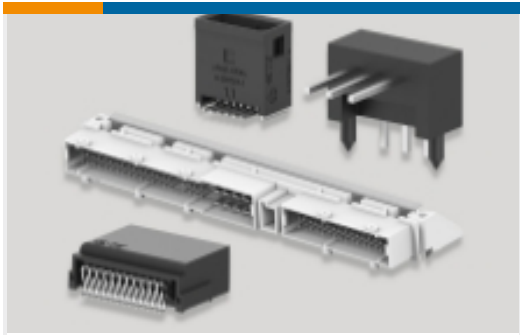
Also in the Series | Mini-Universal MATE-N-LOK



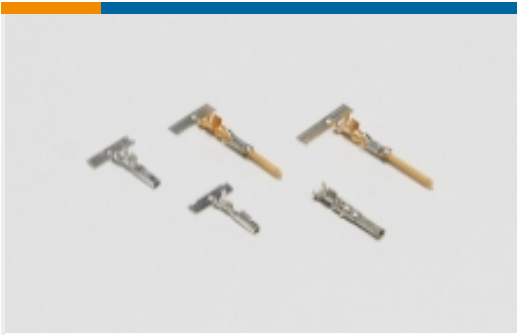
Connector Contacts(11)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(1)



Power Contacts(85)



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 #8-1625868-5
RP 2A 0.25W 40R2 0.1% 25PPM 1K RL



TE Part #1-2176090-9
RP 1J 0.166W 200K 0.1% 25PPM 1K RL



TE Part #2016693-2
RF CA,UMCC1 TO RPSMA JACK,1.13 MM,L100MM



TE Part #4-2176412-7
5W XSM M/OX 5% 430R



TE Part #1-1625827-0
TL3A R051 1%



TE Part #3-6618276-5
RK61C841=RELAY, PRESSURIZED, SPDT



TE Part #EP26656001
DWFR-8/2-0-190MM



TE Part #EP54546001
DWFR-8/2-0-368MM

Documents



Product Drawings

MINI UMNL GWT 2P PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1903747-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1903747-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1903747-1_C.3d_stp.zip

English

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