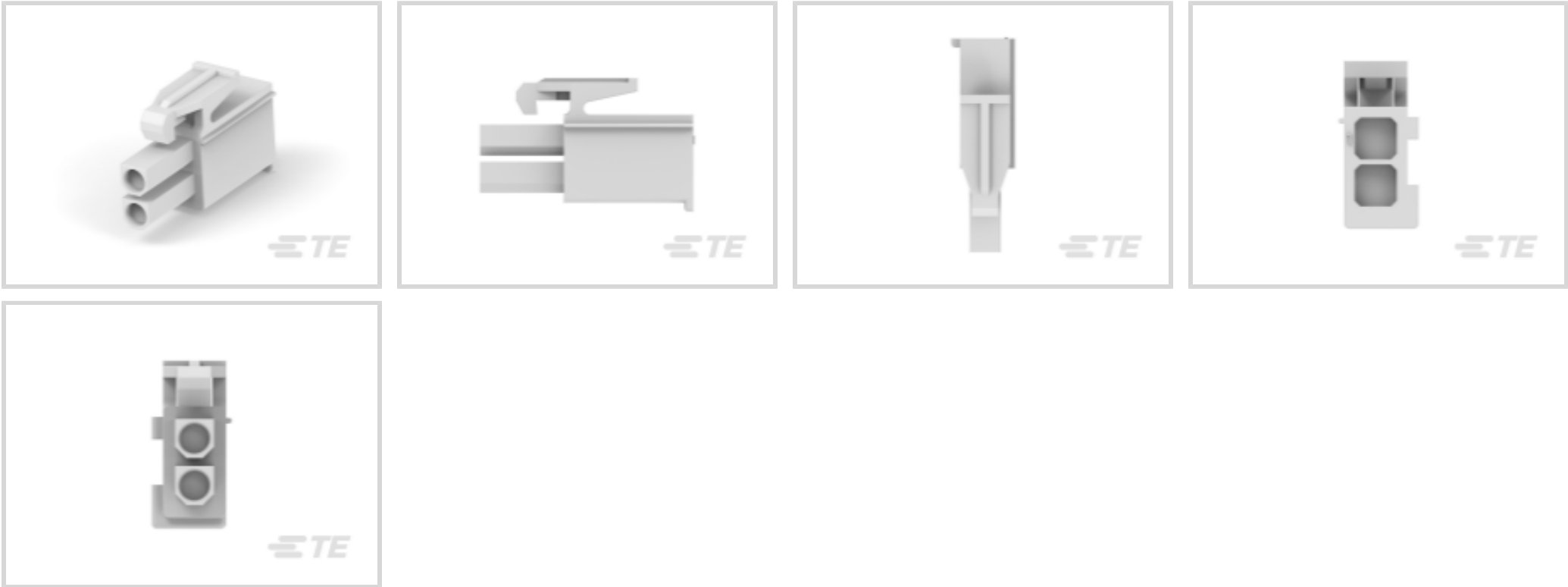




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



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	
Connector Height	5.6 mm
Product Width	10.8 mm
Product Length	23.7 mm
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
Agency/Standard	CSA
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Quantity	1000
Packaging Method	Bag
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 170362-1
UNIV M-N-L SOC. 22-18 AWG

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

TE Part # 170361-1
UNIV M-N-L SOC. 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(8)

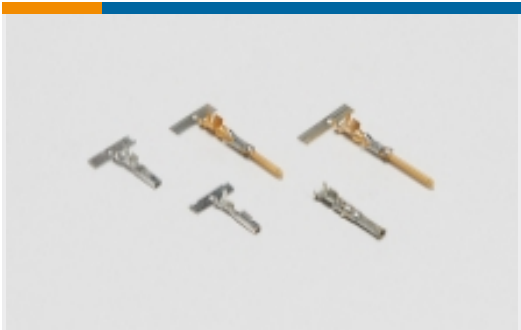
Connector Seals & Cavity Plugs(17)

Connector Strain Relief(4)

Insertion & Extraction Tools(1)



PCB Headers & Receptacles(1)



Power Contacts(84)



Rectangular Connector Keying Plugs(2)



Rectangular Connector Locking(2)



Rectangular Power Connectors(244)

Customers Also Bought



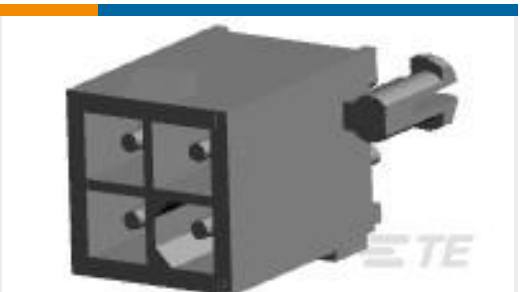
TE Part #7-6609107-2
PS0S0DS6B=C1185



TE Part #643429-1
15P UMNL HDR ASSY POL



TE Part #1-770968-0
04P MINI UMNL R/A HDR ASSY SN



TE Part #1-770174-0
04P MINI-UMNL ASSY V0 SNNI*



TE Part #643410-1
08P UMNL PIN HDR ASSY POL 94VO



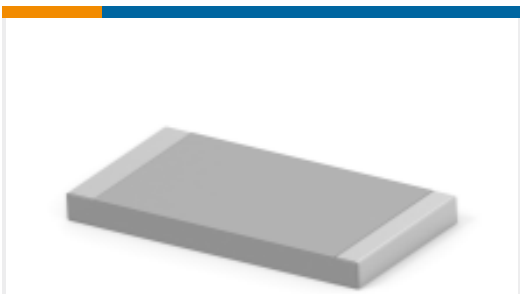
TE Part #643423-1
06P UMNL HDR ASSY POL



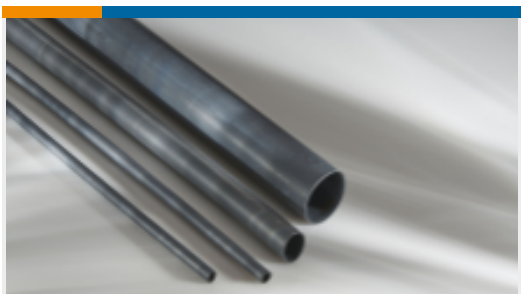
TE Part #643413-1
03P UMNL HDR ASSY SCKT POL



TE Part #643428-1
12P UMNL HDR ASSY POL 94VO



TE Part #2-2176331-2
CRGP 2512 560R 1%



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

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

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

Product Specifications

Application Specification

English