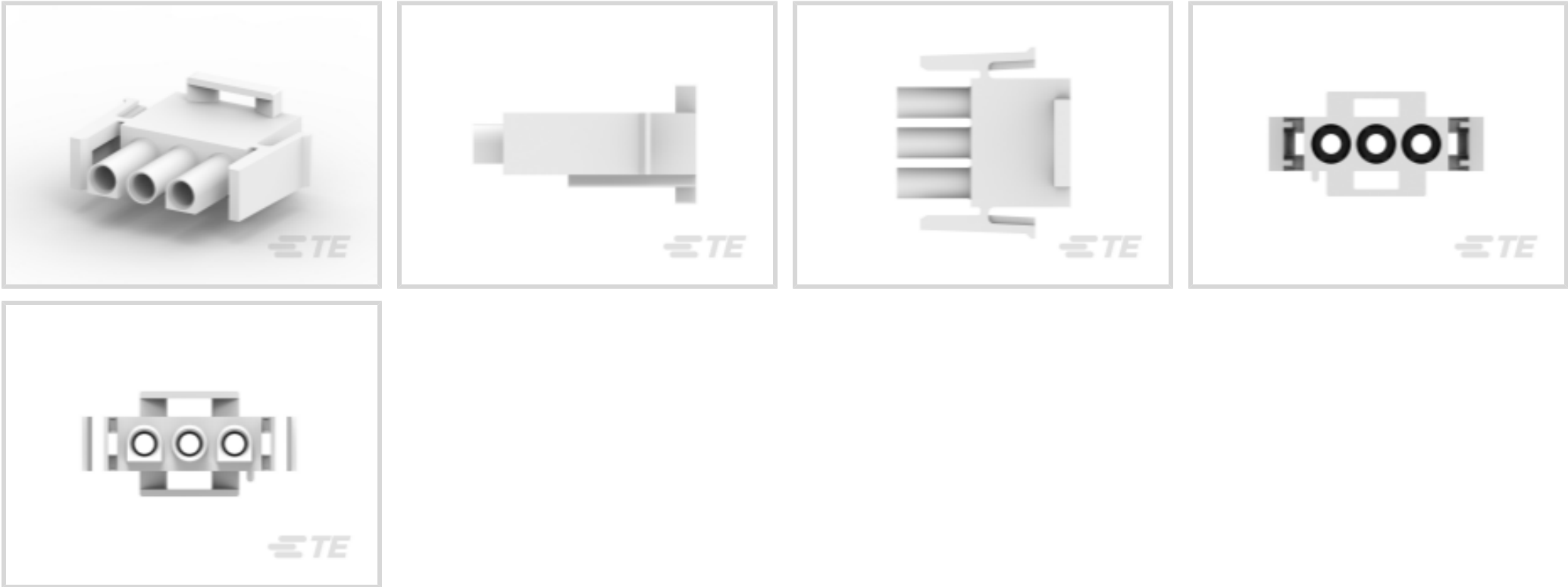




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **3**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
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
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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 Color	Natural
Housing Material	PA 66

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)
Agency/Standard Number	E28476

Packaging Features

Packaging Method	Package
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

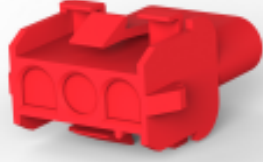
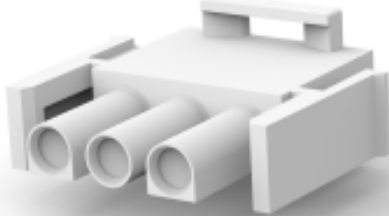
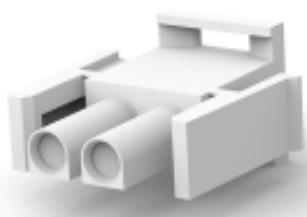
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 1-480701-4 03P UMNL CAP HSG YELL	 TE Part # 350779-4 04P UMNL PLUG HSG UL94VO	 TE Part # 1-350767-9 03P UMNL V0 CAP HSG BLACK	 TE Part # 1-480701-2 03P UMNL CAP HSG RED
 TE Part # 770025-1 03P UMNLII IN-LINE CAP HSG KIT	 TE Part # 350767-1 03P UMNL CAP HSG V0	 TE Part # 350779-1 04P UMNL PLUG HSG	 TE Part # 350766-1 03P UMNL PLUG HSG
 TE Part # 1-480701-0 03P UMNL CAP HSG NATL	 TE Part # 2178473-2 3POS UMNL PLUG HSG V0 GW	 TE Part # 1-1703061-2 PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK	 TE Part # 1586849-1 03P UMNL CAP HSG NATL, GW



TE Part # 794900-1
03P UMNL HI TEMP CAP HSG

TE Part # 2178474-2
3POS UMNL CAP HSG V0 GW

TE Part # 1-480701-9
03P UMNL CAP HSG BLK

TE Part # 1-480701-6
03P UMNL CAP HSG BLU

TE Part # 2-480701-0
03P UMNL CAP HSG NATL

TE Part # 1-480701-8
03P UMNL CAP HSG GRY

TE Part # 1-350766-2
03P UMNL V0 PLUG HSG RED

TE Part # 2-480702-0
04P UMNL PLUG HSG NATL

Also in the Series | Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Contacts(11)

Insertion & Extraction Tools(4)

Power Contacts(207)

Rectangular Boots & Strain Relief(35)

Rectangular Connector Adapters(7)

Rectangular Connector Hardware(1)

Rectangular Connector Housings(2)

Rectangular Connector Keying Plugs(3)

Rectangular Connector Locking(4)

Rectangular Connector Seals(26)

Rectangular Power Connectors(729)

Customers Also Bought



 TE Part #770580-1 10P MINI UMNL PLUG HSG	 TE Part #1-1863003-2 UMNL 9WAY PLUG HOUSING	 TE Part #926298-7 UNIVERSAL MATE-N-LOK 4 WAY PLUG	 TE Part #1-1703061-2 PLUG, 2 CIRCUIT, UNIVERSAL MATE-N-LOK
 TE Part #926887-1 UNIV.M-N-L.PIN	 TE Part #926882-1 UNIV.M-N-L.SOCKET	 TE Part #170362-1 UNIV M-N-L SOC. 22-18 AWG	 TE Part #640714-1 03P UMNL STR/REL
 TE Part #829265-5 5P HV100 REC.CON. B/TE,6.2,NO KINK	 TE Part #1586936-1 06P UMNL HDR ASSY R/A, GW		

Documents

Product Drawings

3POS UMNL PLUG HSG GW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2178473-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2178473-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2178473-3_A.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

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English