



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: **2**

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	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	
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Natural
Housing Material	Nylon
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Assembly Integration Feature	Without
Circuit Application	Power & Signal
Industry Standards	
CSA Rating	Certified
UL Flammability Rating	UL 94V-2
Glow Wire Rating	GWT 750°C (Without Flame)
UL Rating	Recognized
Agency/Standard Number	E28476
CSA File Number	LR7189
VDE Tested	Yes
Agency/Standard	CSA, UL
Packaging Features	
Packaging Method	Package
Packaging Quantity	1
Other	
For Use With	Appropriate Universal MATE-N-LOK Cap or Header

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 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



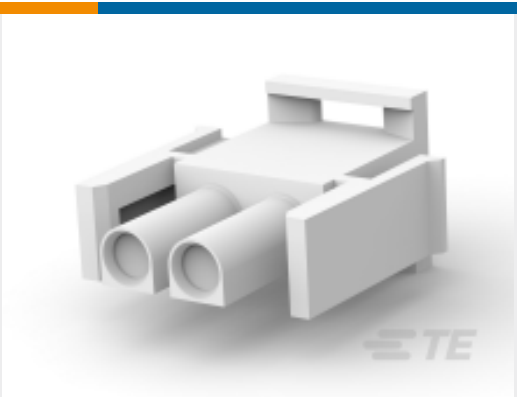
TE Part # 1-350778-9
02P UMNL V0 CAP HSG BLACK



TE Part # 640585-1
06P UMNL PLUG HSG V2 NATL



TE Part # 770024-1
02P UMNLII IN-LINE CAP HSG KIT



TE Part # 350777-1
02P UMNL PLUG HSG



TE Part # 2-480700-0
03P UMNL PLUG HSG



TE Part # 1-480699-9
02P UMNL CAP HSG BLK

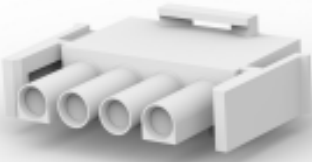
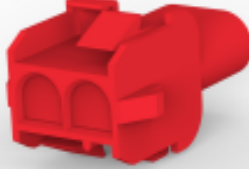
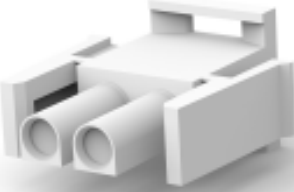
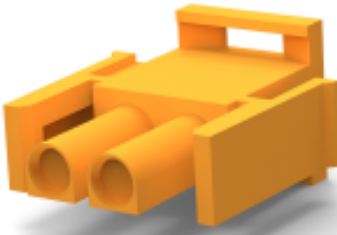


TE Part # 770046-1
02P UMNL II CAP REAR 94VO

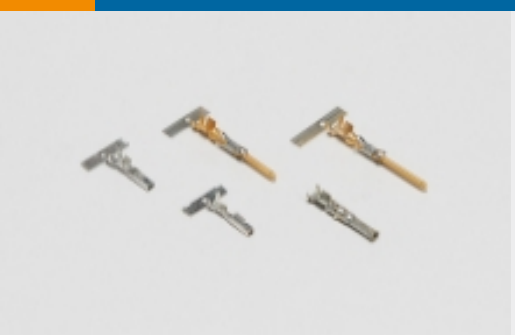
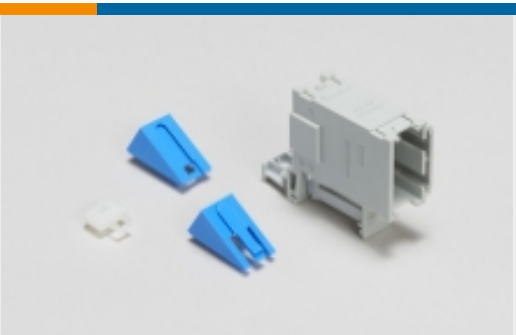


TE Part # 640586-1
08P UMNL PLUG HSG V2 NATL



 TE Part # 770045-1 02P UMNL II CAP-FRONT 94VO	 TE Part # 1586852-1 04P UMNL PLUG HSG, GW	 TE Part # 1-480699-2 02P UMNL CAP HSG RED	 TE Part # 350778-1 02P UMNL CAP HSG
 TE Part # 1-480699-0 02P UMNL CAP HSG NATL	 TE Part # 794815-1 02P UMNL CAP HSG,HI TEMP	 TE Part # 794814-1 02P UMNL PLUG HSG,HI TEMP	 TE Part # 1703061-1 PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK
 TE Part # 1703062-1 CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK	 TE Part # 1586847-1 03P UMNL PLUG HSG, GW	 TE Part # 1586856-1 02P UMNL CAP HSG, GW	 TE Part # 1-350777-3 02P UMNL V0 PLUG HSG ORANGE

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 #1586852-1
04P UMNL PLUG HSG, GW

TE Part #42617-1
187 FASTON REC 20-16 AWG BR

TE Part #63895-1
GROUND CLIP 14-18AWG ST

TE Part #350851-1
UMNL SOK 24-18 PTPBR

TE Part #794991-1
02P UMNL BLACK INTERFACE SEAL

TE Part #3-1241965-2
STD TIMER HOUSING

TE Part #40509
SPLICE 3300 TO 9000 CMA BR

TE Part #794992-1
03P UMNL BLACK INTERFACE SEAL

Documents

Product Drawings
02P UMNL PLUG HSG, GW
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1586851-1_B1.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1586851-1_B1.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1586851-1_B1.3d_stp.zip
English

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Product Environmental Compliance

[MD_1586851-1_061220181034_dmtec](#)

English

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English

Agency Approvals

[VDE Certificate](#)

English