



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	
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Natural
Housing Material	Nylon
Dimensions	
Connector Height	27.43 mm[1.08 in]
Product Width	7.62 mm[.3 in]
Product Length	13.97 mm[.549 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Identification Marking	
Circuit Identification Feature	Without
Industry Standards	
CSA Rating	Certified, LR 7189
UL Rating	Recognized
Agency/Standard	CSA, UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Quantity	1
Packaging Method	Package



Product Compliance

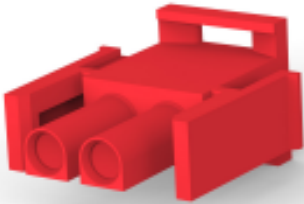
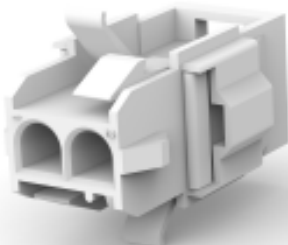
For compliance documentation, visit the product page on TE.com>

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	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

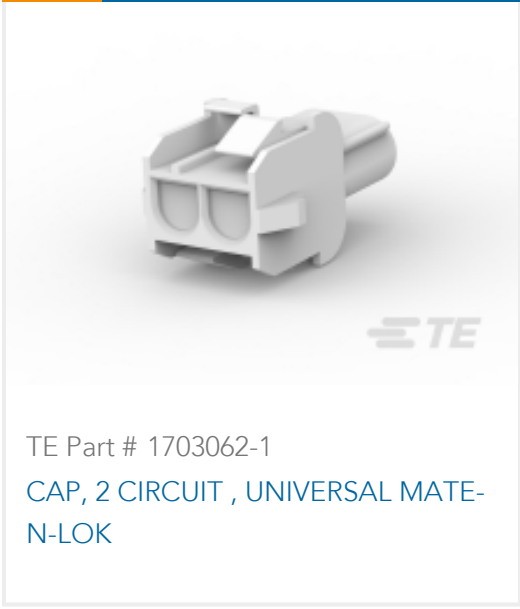
Product Compliance Disclaimer

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>

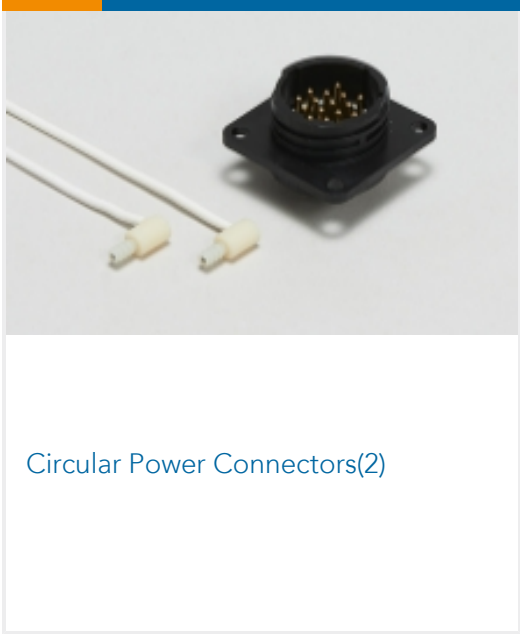
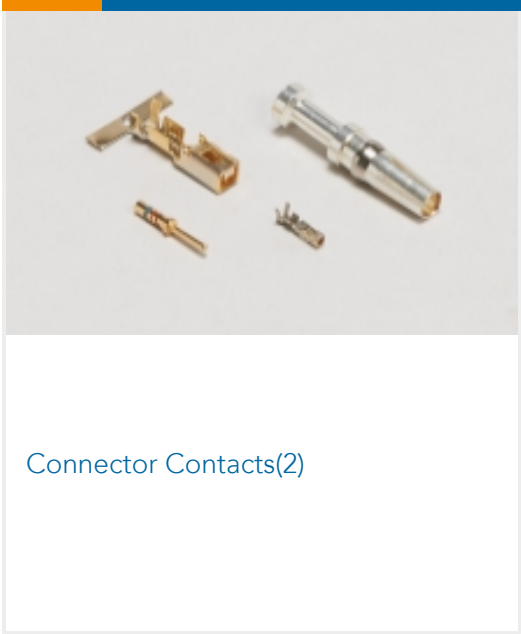
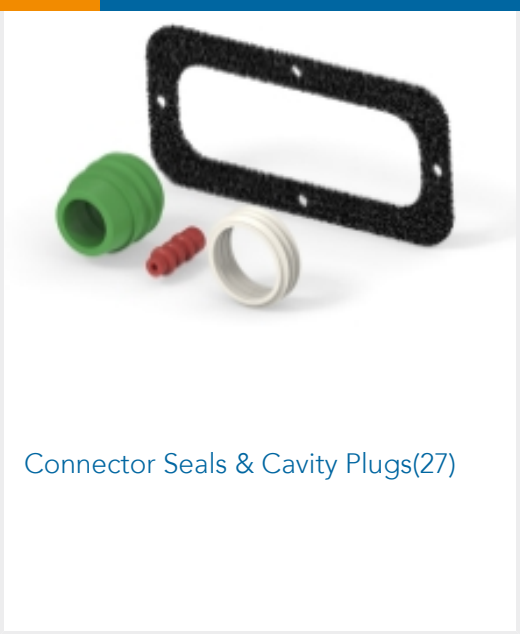
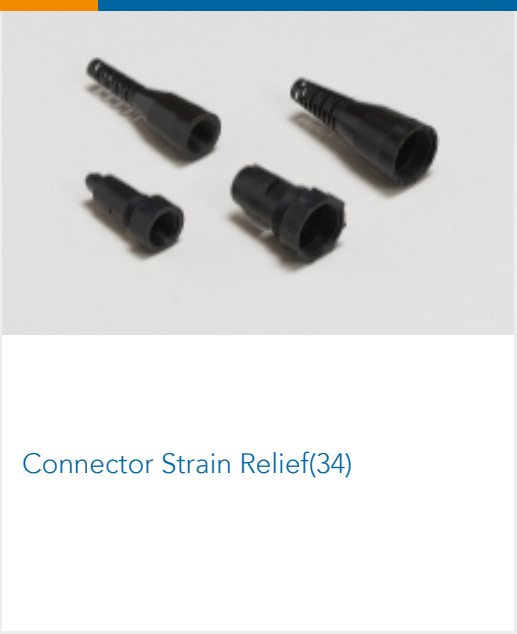
Compatible Parts

 TE Part # 1-350777-2 02P UMNL V0 PLUG HSG RED	 TE Part # 1-350778-9 02P UMNL V0 CAP HSG BLACK	 TE Part # 770024-1 02P UMNLI IN-LINE CAP HSG KIT	 TE Part # 1-480699-9 02P UMNL CAP HSG BLK
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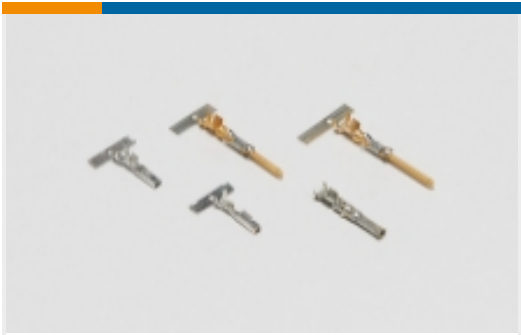
 TE Part # 770046-1 02P UMNL II CAP REAR 94VO	 TE Part # 770045-1 02P UMNL II CAP-FRONT 94VO	 TE Part # 1586852-1 04P UMNL PLUG HSG, GW	 TE Part # 1-480699-2 02P UMNL CAP HSG RED
 TE Part # 350778-1 02P UMNL CAP HSG	 TE Part # 794899-1 04P UMNL HI TEMP PLUG HSG	 TE Part # 794901-1 03P UMNL HI TEMP PLUG HSG	 TE Part # 794815-1 02P UMNL CAP HSG,HI TEMP
 TE Part # 1703062-1 CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK	 TE Part # 794096-1 06P UMNL PLUG	 TE Part # 1586847-1 03P UMNL PLUG HSG, GW	 TE Part # 1586851-1 02P UMNL PLUG HSG, GW
 TE Part # 1586856-1 02P UMNL CAP HSG, GW	 TE Part # 1-350778-2 02P UMNL V0 CAP HSG RED	 TE Part # 1-480699-1 02P UMNL CAP HSG BRN	 TE Part # 1-480699-8 02P UMNL CAP HSG GRY

Also in the Series | Universal MATE-N-LOK

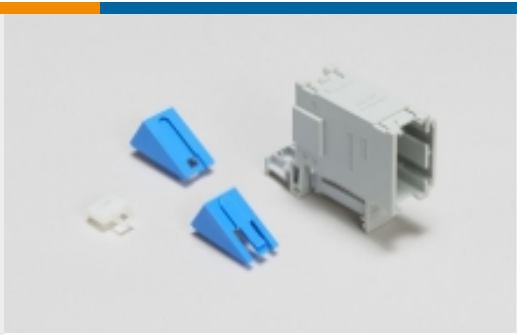
 Circular Power Connectors(2)	 Connector Contacts(2)	 Connector Seals & Cavity Plugs(27)	 Connector Strain Relief(34)
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Insertion & Extraction Tools(4)



Power Contacts(207)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(1)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(8)



Rectangular Power Connectors(672)

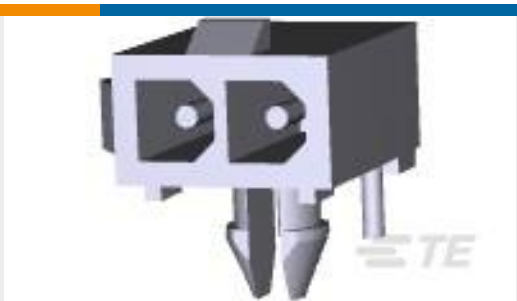
Customers Also Bought



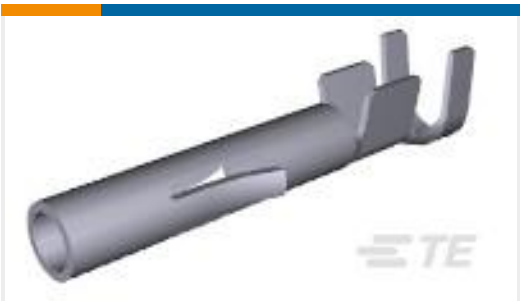
TE Part #1-2176230-0
3522 4R7 5% 3W



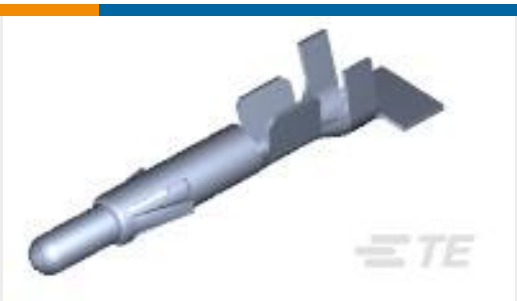
TE Part #1-770170-1
03P MINI UMNL ASSY VO SNAU LF



TE Part #1-770966-1
02P MINI UMNL R/A HDR ASSY AU



TE Part #350536-7
UMNL SOK 20-14 .0126 AUNI/BR



TE Part #350218-1
UMNL PIN 20-14 .0126PTPBR



TE Part #3-1879352-1
RR02 5% 5R6 AMMO



TE Part #NB16212001
RW-175-1/16-X-STK



TE Part #770672-6
UMNL PIN 30-26 AUNI/PHBZ L/P



TE Part #ZPF000000000008526
983-6S 08-03 SN



TE Part #690472-2
STRIPPER

Documents



Product Drawings

02P UMNL PLUG HSG NATL LEAD IN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1586702-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1586702-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1586702-1_B.3d_stp.zip

English

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Product Specifications

Application Specification

English