



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Board, Wire-to-Wire**
Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product 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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Body Features

Primary Product Color	Natural
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Contact Features

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Multiple Contact Types	Without
Contact Layout	Inline
Contact Type	Socket
Contact Retention Within Housing	Without

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

Housing Material	Nylon
Centerline (Pitch)	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-2

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: JAN 2025
(247)
Candidate List Declared Against: JAN 2025
(247)
Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

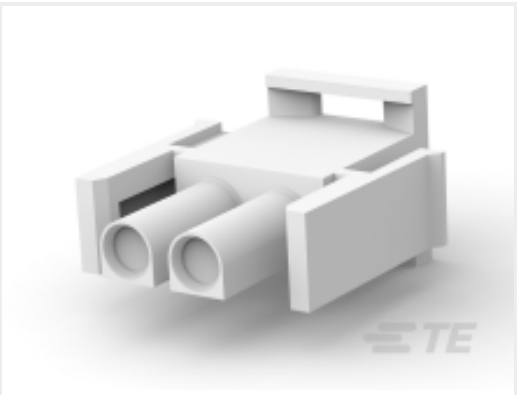
Solder Process Capability

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 # 2178649-3 2P UMNL CAP HSG, GW	 TE Part # 2178649-1 2P UMNL CAP HSG, GW	 TE Part # 1703062-2 CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK	 TE Part # 1-480699-9 02P UMNL CAP HSG BLK
 TE Part # 1703062-3 CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK	 TE Part # 1-350778-3 02P UMNL V0 CAP HSG ORANGE	 TE Part # 1586856-1 02P UMNL CAP HSG, GW	 TE Part # 350777-1 02P UMNL PLUG HSG





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



TE Part # 1586702-1
02P UMNL PLUG HSG NATL LEAD IN



TE Part # 1586847-1
03P UMNL PLUG HSG, GW



TE Part # 1-480699-1
02P UMNL CAP HSG BRN



TE Part # 1-480699-2
02P UMNL CAP HSG RED



TE Part # 770045-1
02P UMNL II CAP-FRONT 94VO



TE Part # 350778-1
02P UMNL CAP HSG



TE Part # 1-480699-0
02P UMNL CAP HSG NATL



TE Part # 1586852-1
04P UMNL PLUG HSG, GW



TE Part # 1-480699-5
02P UMNL CAP HSG GRN



TE Part # 1-480699-8
02P UMNL CAP HSG GRY



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

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(208)



Connector Hardware(12)



Power Contacts(208)



Rectangular Power Connectors(651)

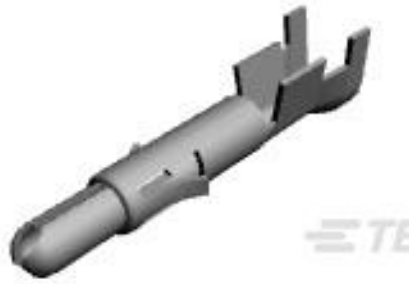


Standard Circular Connectors(1)

Customers Also Bought



TE Part #350866-1
01P UMNL CAP HSG



TE Part #350687-1
UMNL SPLIT PIN PTPBR



TE Part #1-1863003-2
UMNL 9WAY PLUG HOUSING



TE Part #5-177909-1
POWER DBL LOCK CAP HSG P/M 6P (GWT)



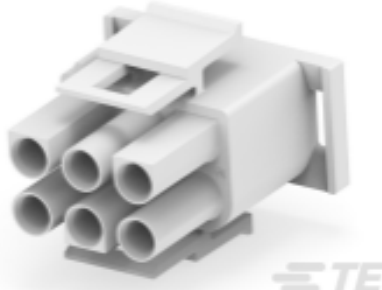
TE Part #350865-1
01P UMNL PLUG HSG



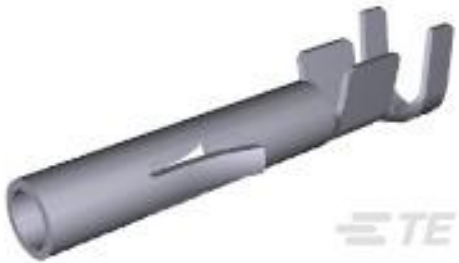
TE Part #1-1703062-2
CAP, 2 CIRCUIT, UNIVERSAL MATE-N-LOK



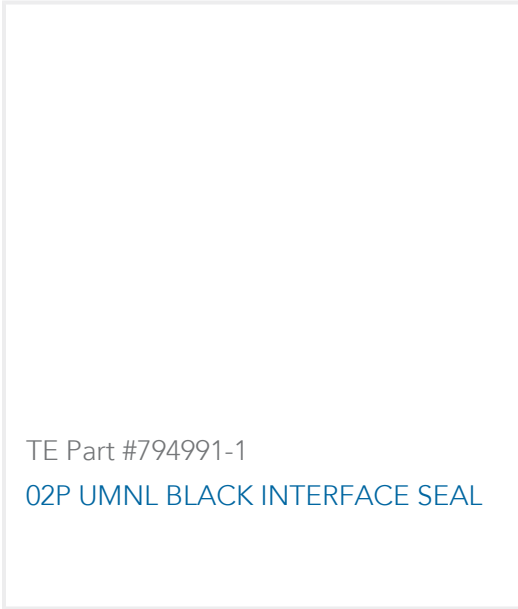
TE Part #1703062-1
CAP, 2 CIRCUIT, UNIVERSAL MATE-N-LOK



TE Part #1-1644055-3
06P UMNL PLUG HSG GWEPT-V0 WINDOW LATCH



TE Part #350536-1
UMNL SOK 20-14 .0126 PTPBR



TE Part #794991-1
02P 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 Specifications



Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English