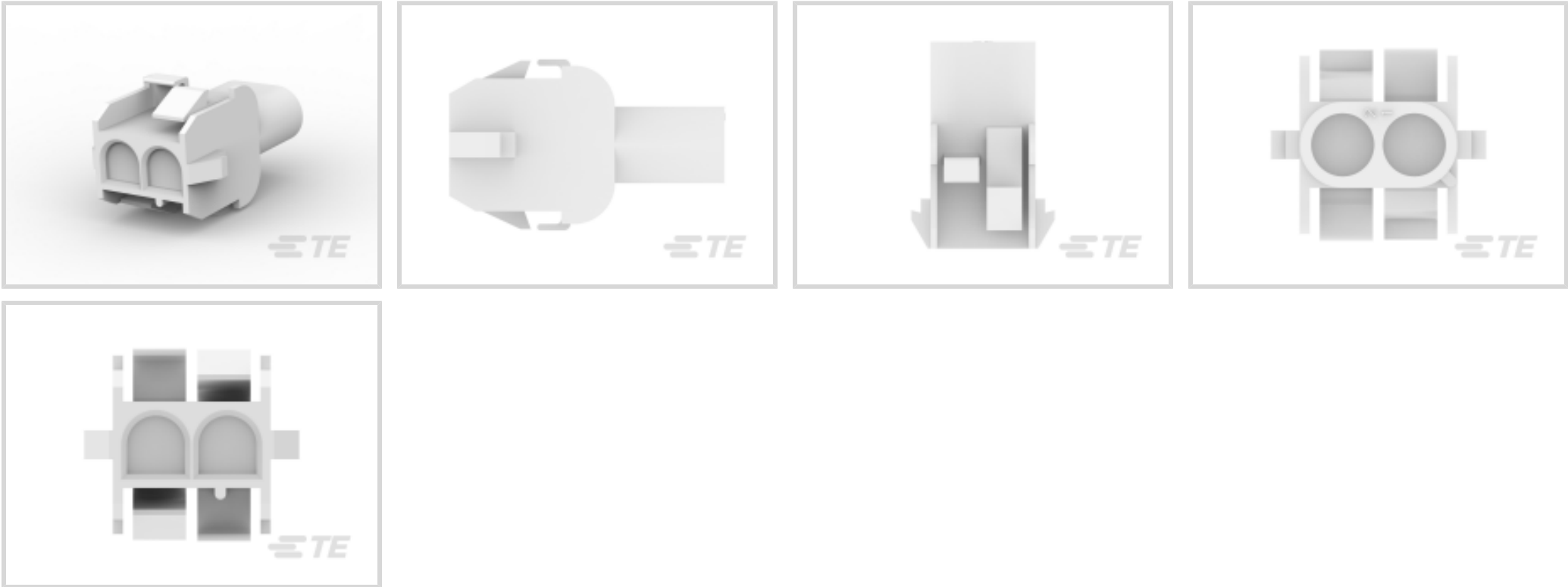




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Panel, 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	Receptacle
Connector System	Wire-to-Panel, 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	Pin
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount
Housing Features	
Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Natural
Housing Material	Nylon
Dimensions	
Panel Thickness	.76 – 2.29 mm[.03 – .09 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Assembly Integration Feature	Without
Circuit Application	Power & Signal
Industry Standards	
UL Flammability Rating	UL 94V-2
Glow Wire Rating	GWT 750°C (Without Flame)
UL Rating	Recognized
Agency/Standard Number	E28476
VDE Tested	Yes
Agency/Standard	UL
Packaging Features	
Packaging Method	Bag
Packaging Quantity	4000
Other	
For Use With	Appropriate Universal MATE-N-LOK Plug



Product Compliance

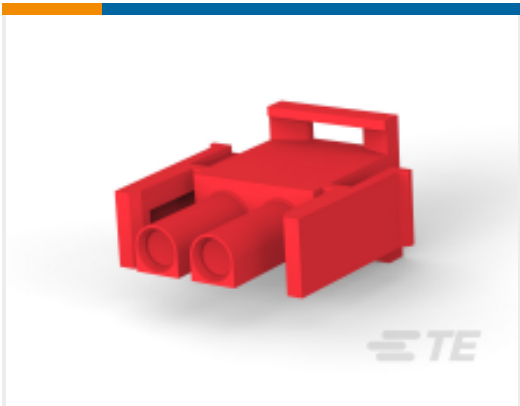
For compliance documentation, visit the product page on TE.com>

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 # 1-350777-2
02P UMNL V0 PLUG HSG RED



TE Part # 3-350942-0
02P UMNL HDR ASSY R/A 94VO LF

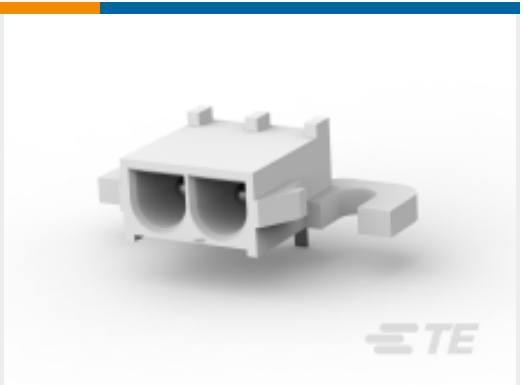


TE Part # 350787-1
02P UMNL PIN HDR ASSY 94VO

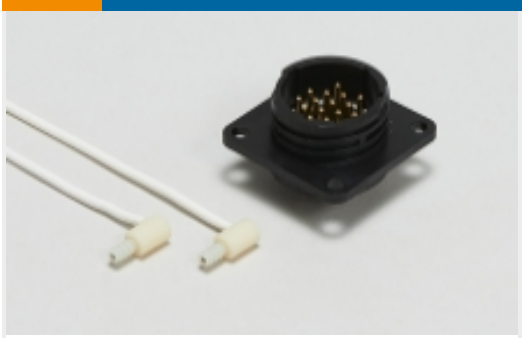
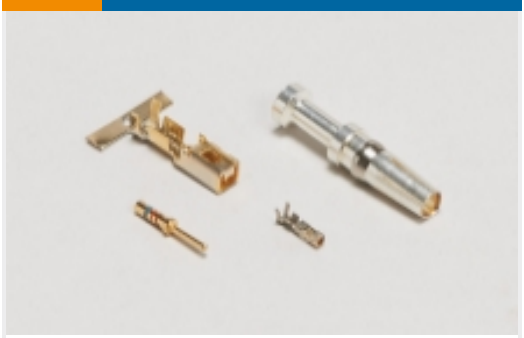
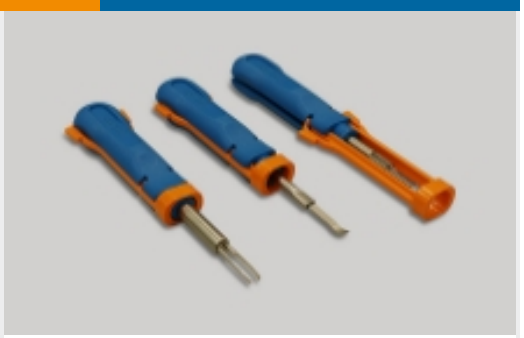
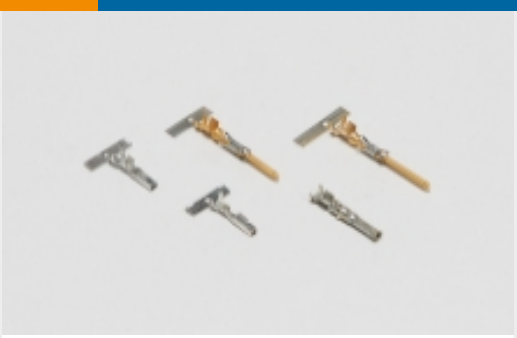


TE Part # 350428-4
02P UMNL PIN HDR ASSY NATL AU



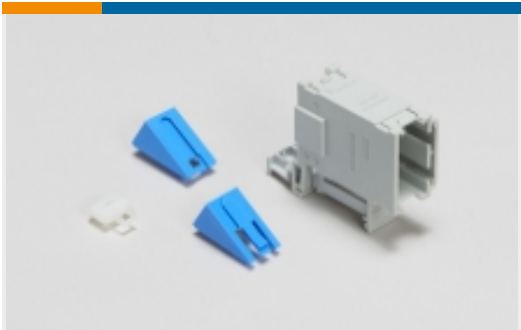
 TE Part # 350759-5 02P UMNL HDR ASSY PC V2 LF	 TE Part # 926307-1 6P UNIV.M-N-L.CAP	 TE Part # 1-350942-0 02P UMNL HDR ASSY R/A 94VO	 TE Part # 350786-3 02P UMNL HDR ASSY AU 94VO
 TE Part # 173924-1 2 P ACTION PIN UMNL	 TE Part # 350824-1 02P UMNL HDR ASSY PC 94VO	 TE Part # 1-480698-9 02P UMNL PLUG HSG BLK	 TE Part # 643226-1 02P UMNL HDR ASSY R/A 94VO
 TE Part # 641964-1 02P UMNL PIN HDR ASSY POL 94VO	 TE Part # 350824-4 02P UMNL HDR ASSY PC LF	 TE Part # 350777-1 02P UMNL PLUG HSG	 TE Part # 350428-1 02P UMNL PIN HDR ASSY NATL
 TE Part # 641964-3 02P UMNL PIN HDR ASSY POL LF	 TE Part # 770017-1 02P UMNLII IN-LNE PLUG HSG KIT	 TE Part # 350786-1 02P UMNL HDR ASSY 94VO	 TE Part # 1586845-1 04P UMNL CAP HSG NATL, GW

Also in the Series | Universal MATE-N-LOK

 Circular Power Connectors(2)	 Connector Contacts(11)	 Insertion & Extraction Tools(4)	 Power Contacts(207)
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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)

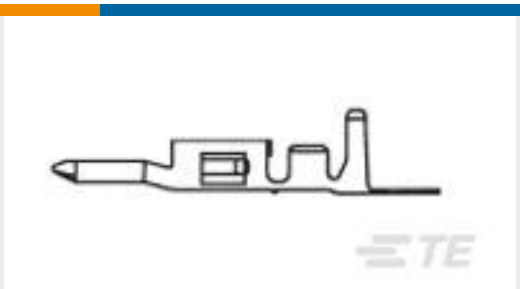
Customers Also Bought



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



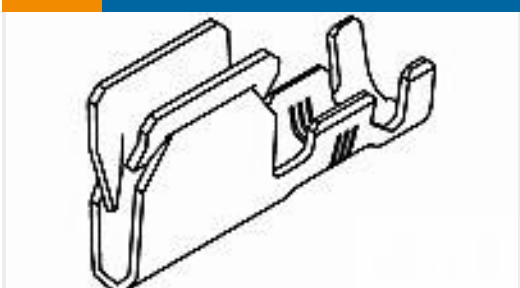
TE Part #926299-5
UNML PLUG 5WAY



TE Part #794955-4
VAL-U-LOK PIN PHBZ AU 22-18AWG



TE Part #1586851-1
02P UMNL PLUG HSG, GW



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

Documents

Product Drawings
02P UMNL CAP HSG, GW

English

CAD Files
Customer View Model
ENG_CVM_1586856-1_A.3d_igs.zip

English

Customer View Model



[ENG_CVM_1586856-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1586856-1_A.2d_dxf.zip](#)

English

3D PDF

English

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Product Environmental Compliance

[MD_1586856-1_061220181036_dmtec](#)

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Agency Approvals

[VDE Certificate](#)

English