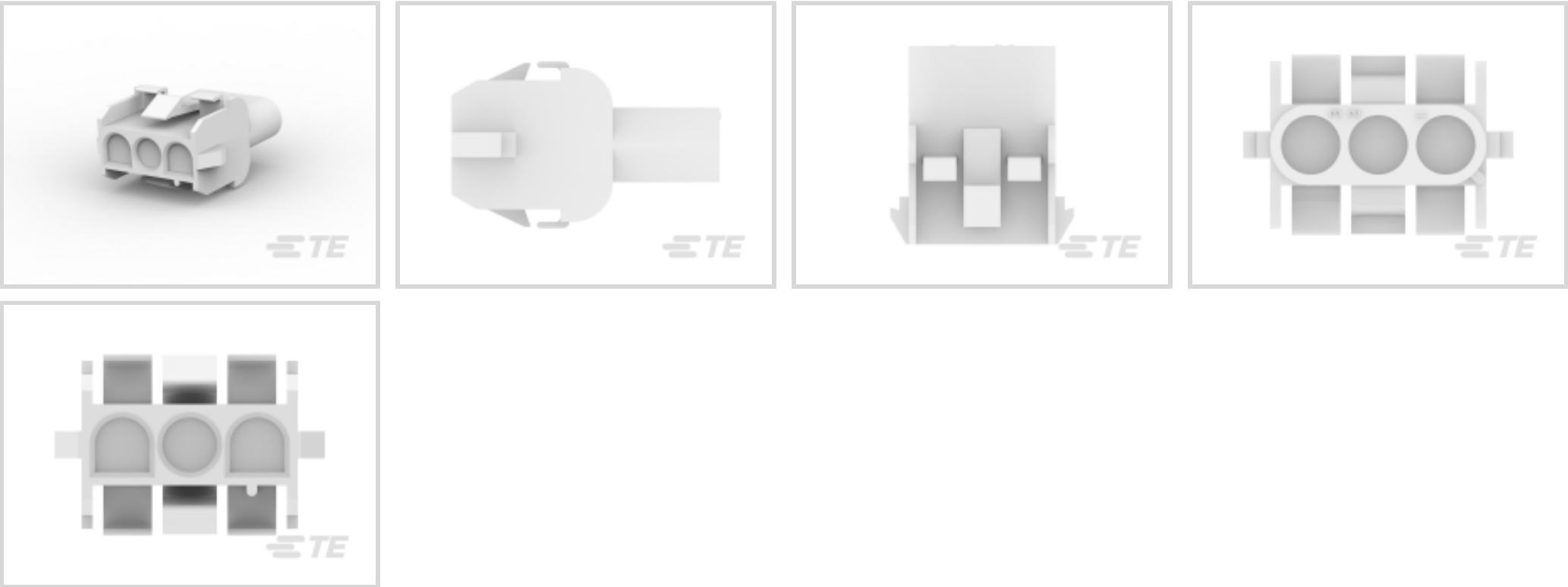




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Panel, Wire-to-Wire**
Number of Positions: **3**
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	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	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[.76 – 2.29 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	Package
Packaging Quantity	1
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 # 3-643228-0
03P UMNL HDR ASSY R/A 94VO LF

TE Part # 643228-1
03P UMNL HDR ASSY R/A 94VO

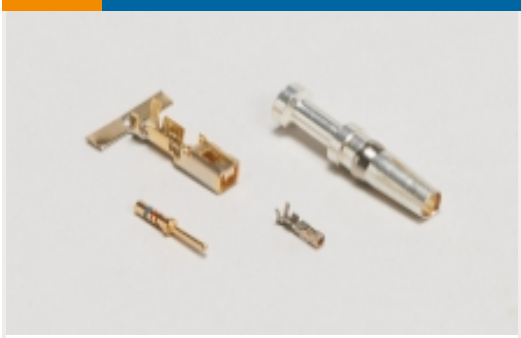
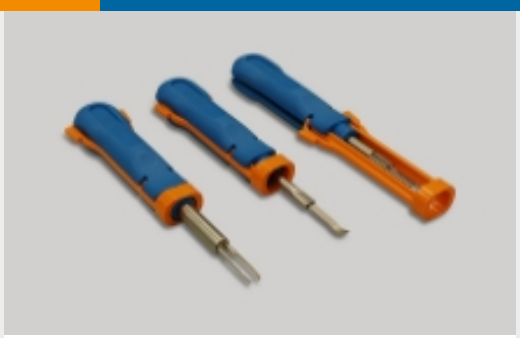
TE Part # 3-350943-0
03P UMNL HDR ASSY R/A 94VO LF

TE Part # 350790-1
03P UMNL PIN HDR ASSY 94VO



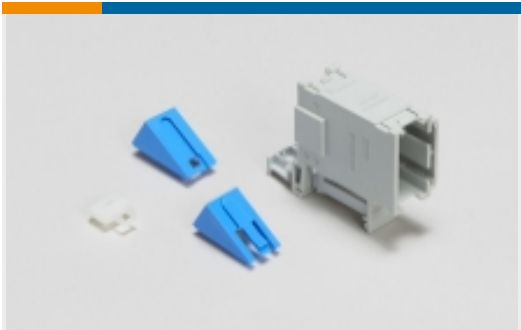
 TE Part # 350789-3 03P UMNL PIN HDR ASSY 94VO	 TE Part # 173925-1 3 P ACTION PIN UMNL	 TE Part # 1-350943-0 03P UMNL HDR ASSY R/A 94VO	 TE Part # 1-480700-2 03P UMNL PLUG HSG RED
 TE Part # 641965-1 03P UMNL PIN HDR ASSY V2 NATL	 TE Part # 770018-1 03P UMNLII IN-LNE PLUG HSG KIT	 TE Part # 1586860-1 06P UMNL CAP HSG, GW	 TE Part # 1-480700-6 03P UMNL PLUG HSG BLU
 TE Part # 350760-4 03P UMNL HDR ASSY PC	 TE Part # 350767-1 03P UMNL CAP HSG V0	 TE Part # 2-480700-0 03P UMNL PLUG HSG	 TE Part # 350429-1 03P UMNL PIN HDR ASSY NATL
 TE Part # 1586077-1 03P UMNL PIN HDR ASSY W/O DRNS	 TE Part # 641966-1 03P UMNL PIN HDR ASSY 94VO	 TE Part # 350766-1 03P UMNL PLUG HSG	 TE Part # 350825-1 03P UMNL HDR ASSY PC 94VO

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 #1586845-1
04P UMNL CAP HSG NATL, GW



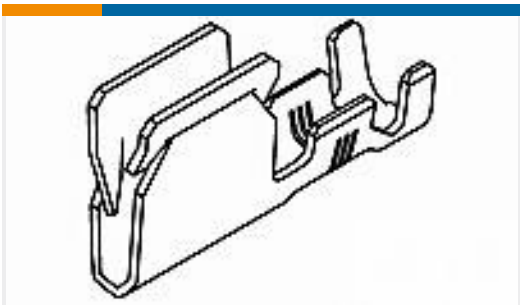
TE Part #1586852-1
04P UMNL PLUG HSG, GW



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



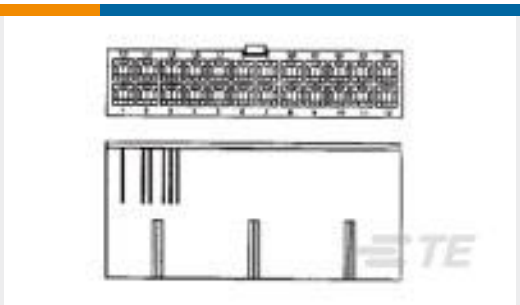
TE Part #2178474-2
3POS UMNL CAP HSG V0 GW



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



TE Part #63482-1
RING 18-14 AWG TPSTL



TE Part #1586862-8
8P FH PLUG VAL-U-LOK FH GW



TE Part #40868
SPLICE 2500-4700 CMA TPBR



TE Part #41974
SPLICE 1000-3200 CMA BR



TE Part #282762-5
JPT SPLASH-PROOF FEM.CONN2
POS

Documents



Product Drawings

03P UMNLCAP HSG NATL, GW

English

CAD Files

Customer View Model

ENG_CVM_1586849-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1586849-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1586849-1_A.2d_dxf.zip

English

3D PDF

English

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Product Environmental Compliance

MD_1586849-1_062520181340_dmtec

English

MD_1586849-1_062520181340_dmtec

English

Agency Approvals

VDE Certificate

English