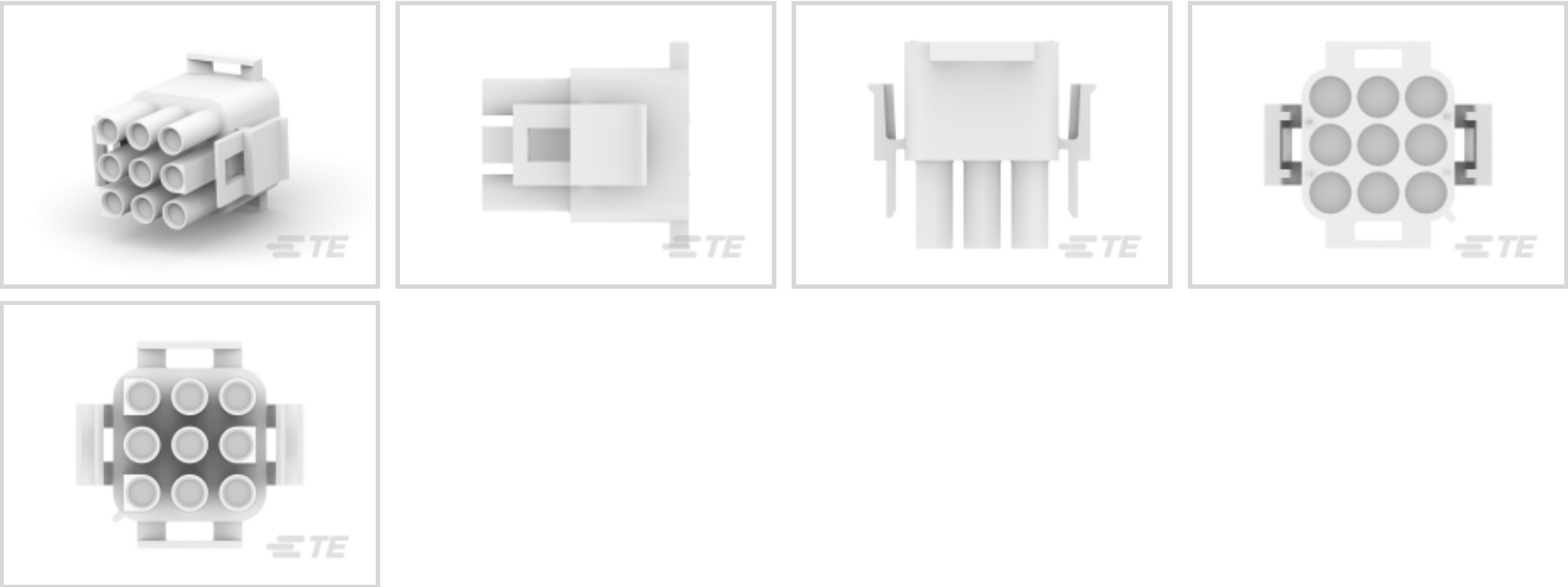




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **9**

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
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
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	PA 6
Dimensions	
Row-to-Row Spacing	6.35 mm[.25 in]
Usage Conditions	
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Operation/Application	
Assembly Integration Feature	Without
Circuit Application	Power & Signal
Identification Marking	
Circuit Identification Feature	With
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	1300



Other

For Use With	Appropriate Universal MATE-N-LOK Cap or Header
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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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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>

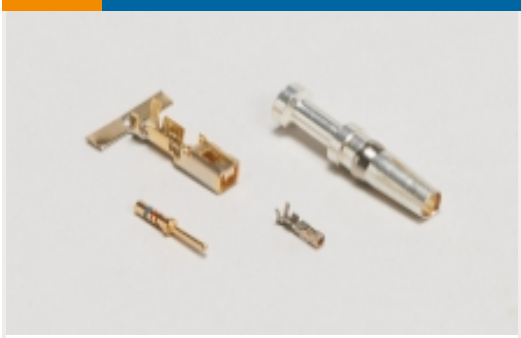
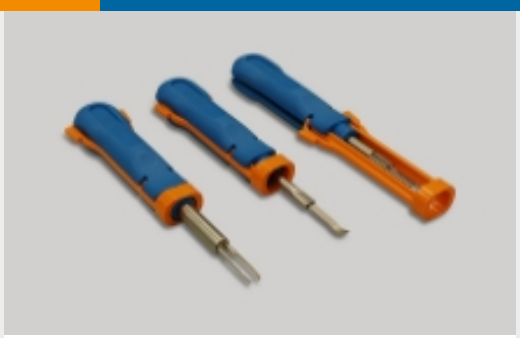
Compatible Parts

 TE Part # 350720-1 09P UMNL PLUG HSG	 TE Part # 770028-1 09P UMNLI IN-LINE CAP HSG KIT	 TE Part # 1-1863005-2 UMNL 12 WAY PLUG HOUSING	 TE Part # 350782-1 09P UMNL CAP HSG
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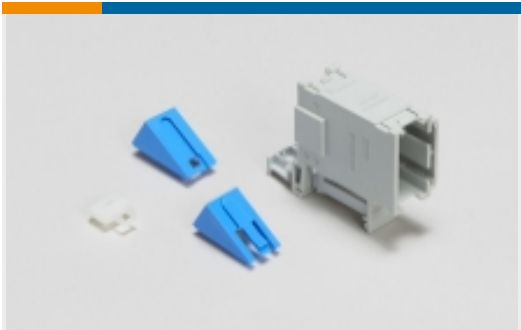
 TE Part # 770053-1 09P UMNL II CAP-FRONT 94VO	 TE Part # 1-480707-2 09P UMNL CAP HSG RED	 TE Part # 770054-1 09P UMNL II CAP REAR 94VO	 TE Part # 927231-5 UNML CAP HSG 9WAY
 TE Part # 1-480707-9 09P UMNL CAP HSG BLK	 TE Part # 1-480707-0 09P UMNL CAP HSG NATL	 TE Part # 927231-7 UMNL 9 WAY CAP HOUSING	 TE Part # 1-1863003-2 UMNL 9WAY PLUG HOUSING
 TE Part # 794715-1 09P UMNL CAP HSG NATL,PAN MNT	 TE Part # 2-480706-0 09P UMNL PLUG HSG NATL	 TE Part # 794761-1 09P UMNL CAP HSG WHITE,P/MT,V0	 TE Part # 1586844-1 09P UMNL PLUG HSG NATL, GW
 TE Part # 1-480707-1 09P UMNL CAP HSG BRN	 TE Part # 1-350782-9 09P UMNL V0 CAP HSG BLACK	 TE Part # 1863005-1 12P UMNL PLUG HSG	 TE Part # 927231-3 HONHUS UMNL V0 9-P

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(721)

Customers Also Bought



TE Part #66506-4
HD 20 DF PIN PLTD



TE Part #927231-5
UNML CAP HSG 9WAY



TE Part #926299-5
UNML PLUG 5WAY



TE Part #63038-2
250 FASTON TAB BR



TE Part #770902-1
MINI UMNL SOCK 26-22 AWG SN



TE Part #1703061-1
PLUG, 2 CIRCUIT, UNIVERSAL MATE-N-LOK



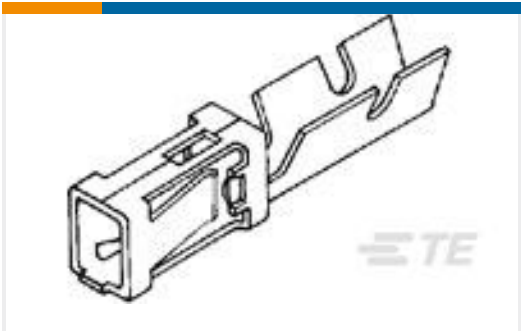
TE Part #926884-1
UNIV.M-N-L.SOCKET



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



TE Part #181953-1
250 FASTON,TAB,BR



TE Part #280702-1
AMPMODU CONT.

Documents



Product Drawings

09P UMNL PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1863003-1_A_c-1863003-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1863003-1_A_c-1863003-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1863003-1_A_c-1863003-1-a.3d_stp.zip

English

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Agency Approvals

VDE Certificate

English