

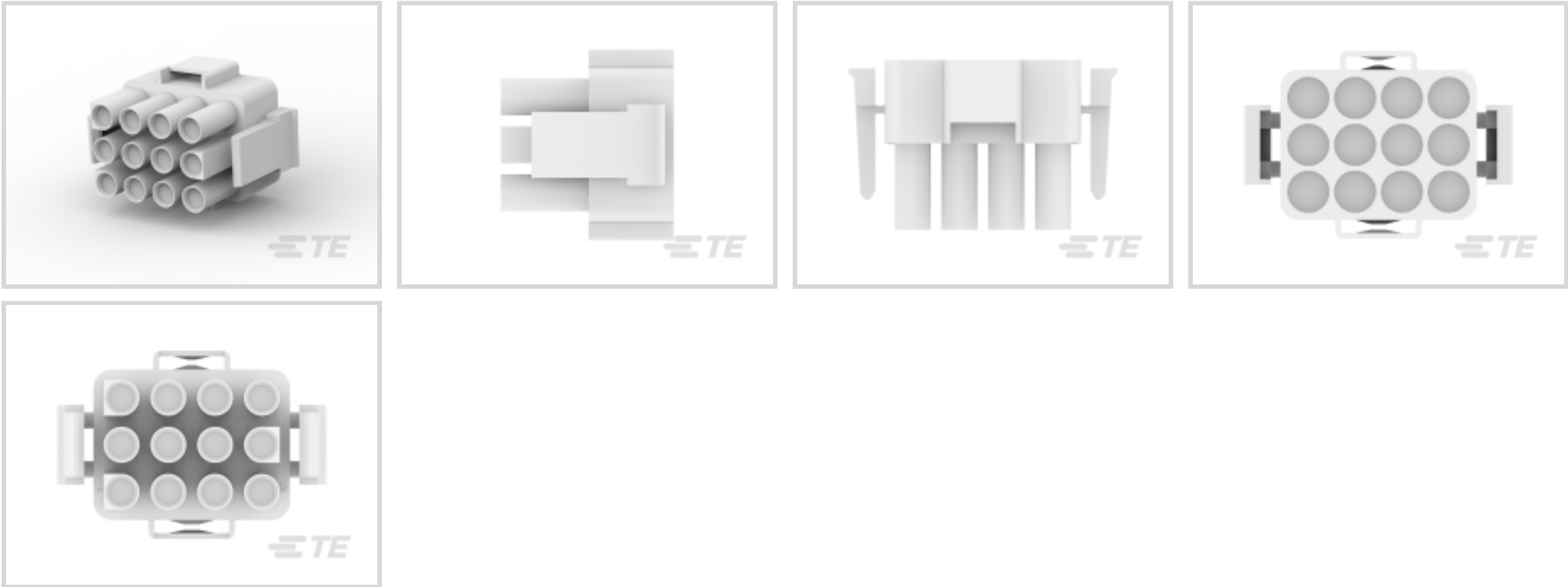


MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 770041-1
Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 12
Position, 6.35 mm [.25 in] Centerline, Wire & Cable, UL 94V-0,
Universal MATE-N-LOK

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Wire**
Number of Positions: **12**
Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
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	
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Natural
Housing Material	Nylon GF
Dimensions	
	1.05 in
Row-to-Row Spacing	6.35 mm[.25 in]
Usage Conditions	
Operating Temperature Range	-55 - 120 °C[-67 - 248 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL, VDE
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
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

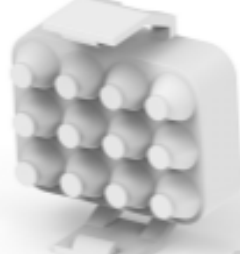


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

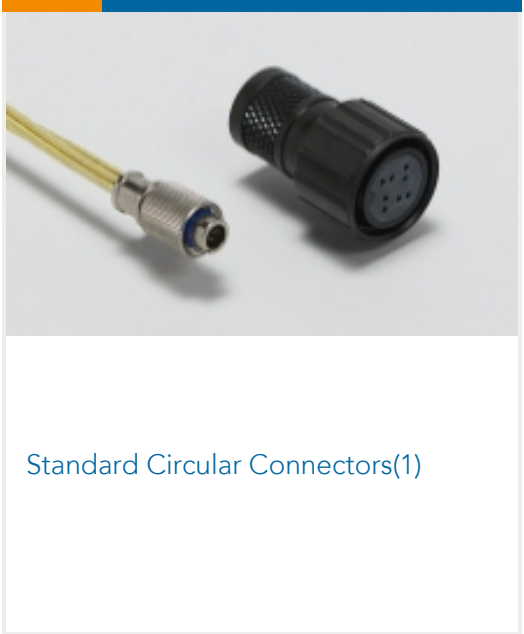
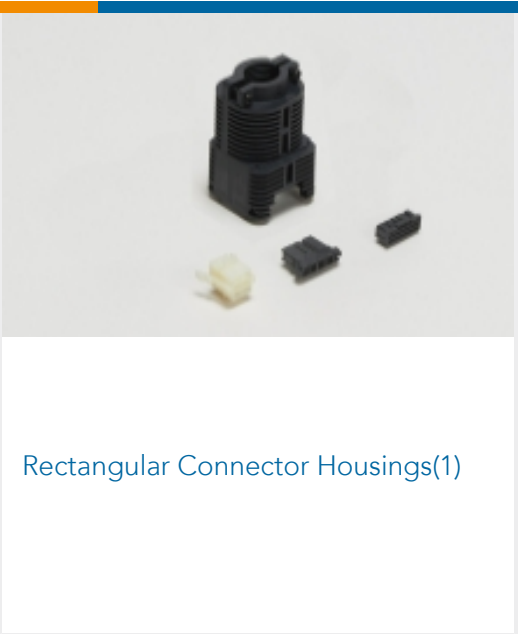
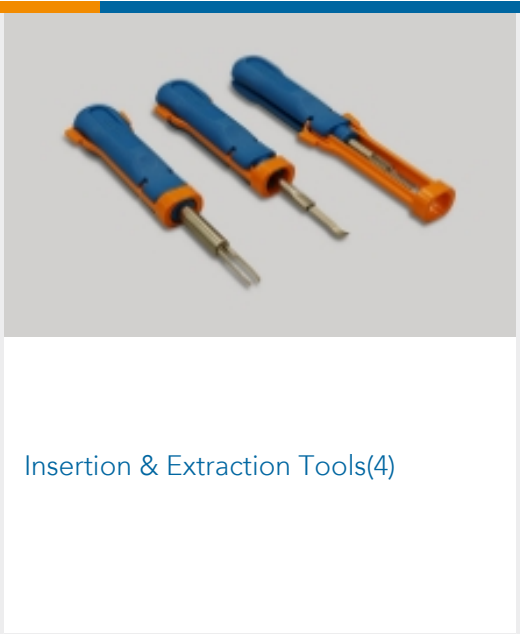
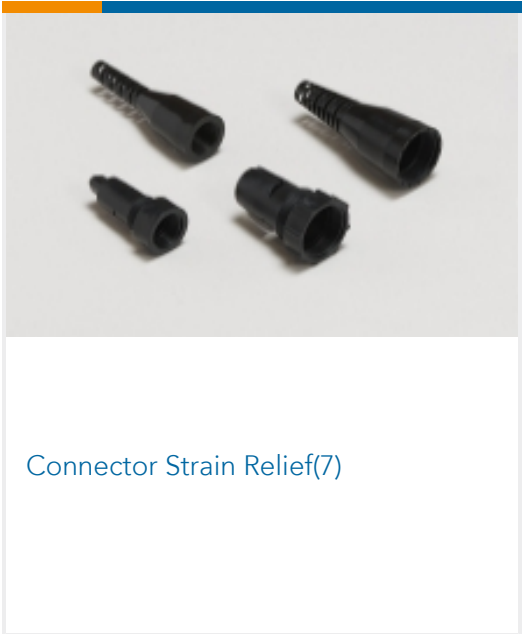
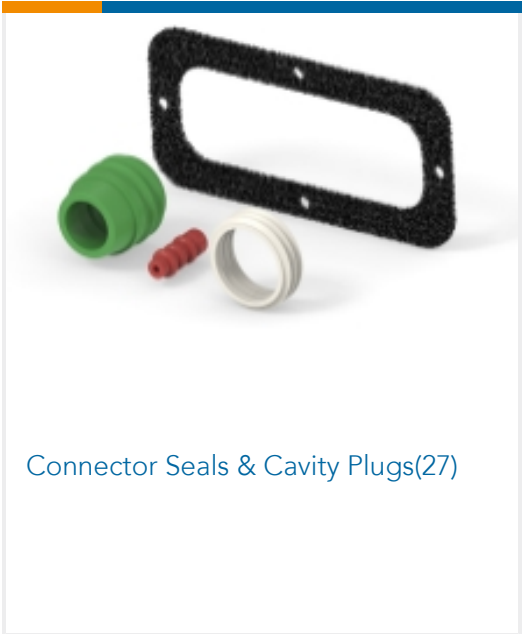
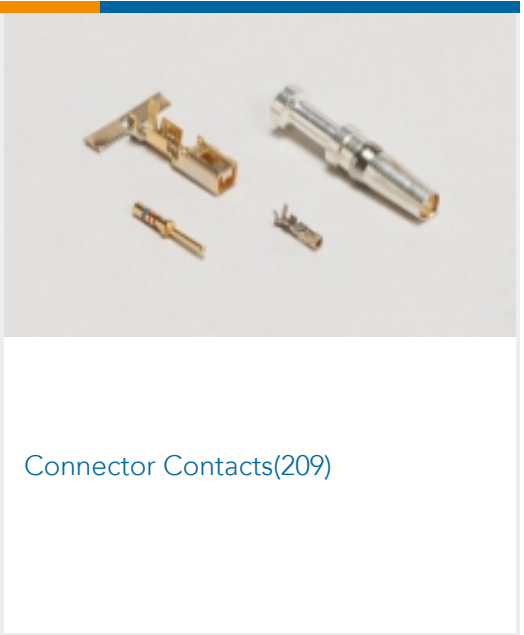
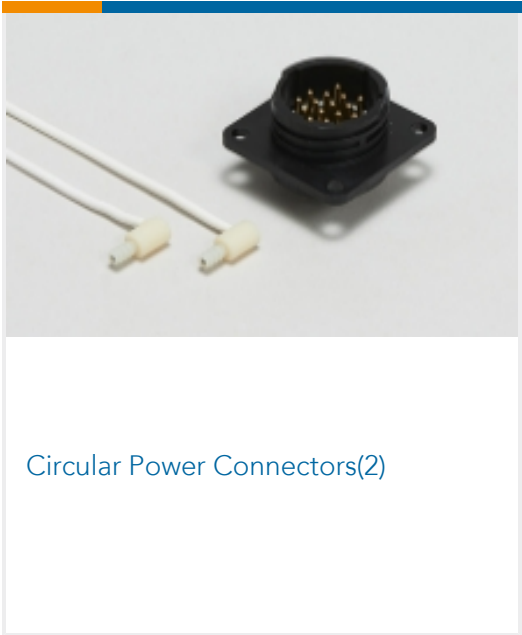
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 926681-3 12P UNIV.CAP HSG.	 TE Part # 770029-1 12P UMNLI IN-LINE CAP HSG KIT	 TE Part # 926681-1 UNIV.M-N-L.CAP HSG.	 TE Part # 1586854-1 12P UMNL CAP HSG, GW
 TE Part # 770042-1 12P UMNL II PLUG REAR 94VO	 TE Part # 1863006-1 12P UMNL CAP HSG	 TE Part # 643255-1 12P UMNL ASSY MOD HSG VO	 TE Part # 794727-1 12P UMNL CAP HSG NATL,BLACK



Also in the Series | Universal MATE-N-LOK



Customers Also Bought





TE Part # 770007-1
UMNL II PIN PTPBR



TE Part # 770249-3
UMNL II SOK PTPPHBZ LP 12-14



TE Part # 1-1633860-8
CRIMPER, WIRE F



TE Part # 770039-1
09P UMNL II PLUG-FRONT 94VO



TE Part # 770040-1
09P UMNL II PLUG REAR 94VO



TE Part # 193842-1
SKT ASSY., 2MM, 12-14 AWG

Documents

Product Drawings

12P UMNL II PLUG-FRONT 94VO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770041-1_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770041-1_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770041-1_W.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_770041-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_770041-1_G.3d_stp.zip

English

Customer View Model

ENG_CVM_770041-1_G.2d_dxf.zip

English



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Datasheets & Catalog Pages
SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY
English

Product Specifications
Application Specification
English