

1703061-2 ✓ ACTIVE

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

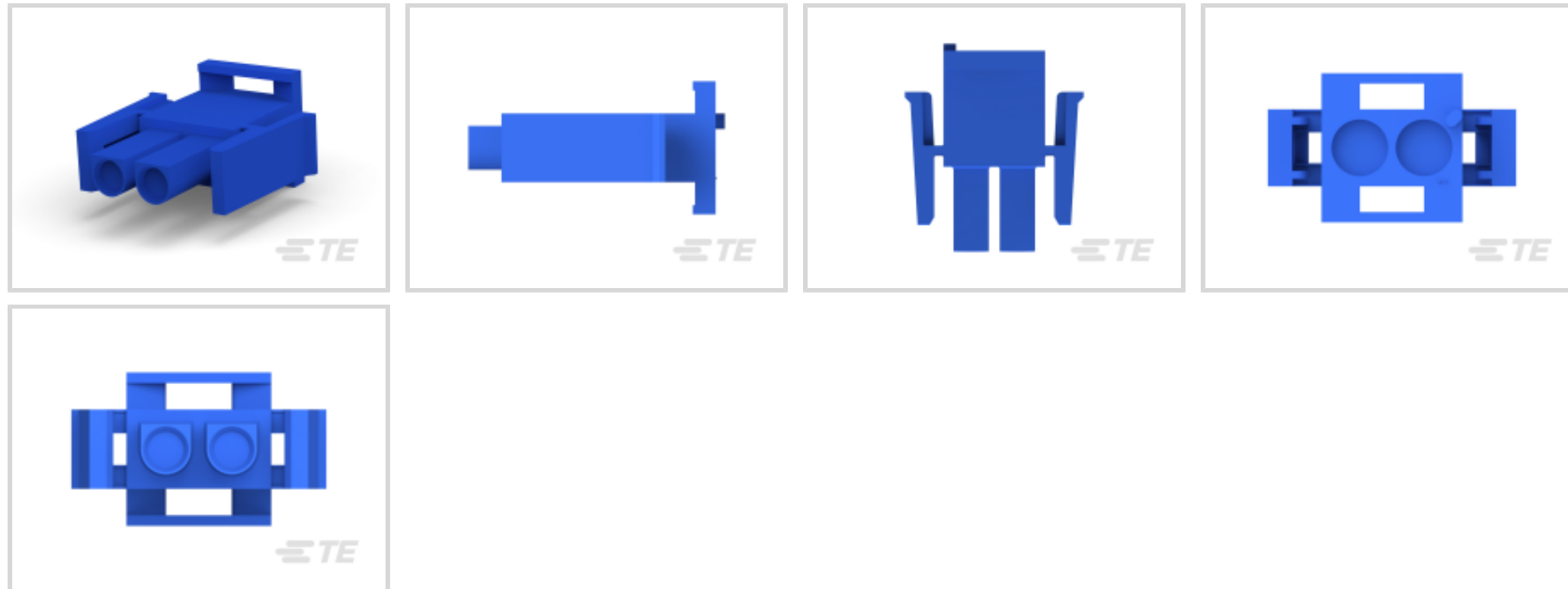
TE Internal #: 1703061-2

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 2
Position, .25 in [6.35 mm] Centerline, Wire & Cable, UL 94V-2,
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: **2**

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	2
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
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Multiple Contact Types	Without
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	Blue
Housing Material	PA 6
Dimensions	
Width	7.62 mm[.3 in]
Height	27.43 mm[1.08 in]
Length	13.97 mm[.549 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Assembly Integration Feature	Without
Circuit Application	Power & Signal
Identification Marking	
Circuit Identification Feature	Without
Industry Standards	
CSA Rating	Certified
UL Flammability Rating	UL 94V-2
Glow Wire Rating	GWT 750°C (Without Flame)
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189



VDE Tested	No
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Packaging Features

Packaging Method	Bag
Packaging Quantity	2000

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: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 1-350778-9
02P UMNL V0 CAP HSG BLACK



TE Part # 770024-1
02P UMNLII IN-LINE CAP HSG KIT



TE Part # 1-480699-9
02P UMNL CAP HSG BLK



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



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



TE Part # 350777-4
02P UMNL PLUG HSG UL94V0



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



TE Part # 350778-1
02P UMNL CAP HSG



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



TE Part # 794815-1
02P UMNL CAP HSG,HI TEMP



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



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



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



TE Part # 1586856-1
02P UMNL CAP HSG, GW



TE Part # 1-350777-1
02P UMNL V0 PLUG HSG BROWN



TE Part # 1-350778-2
02P UMNL V0 CAP HSG RED



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



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

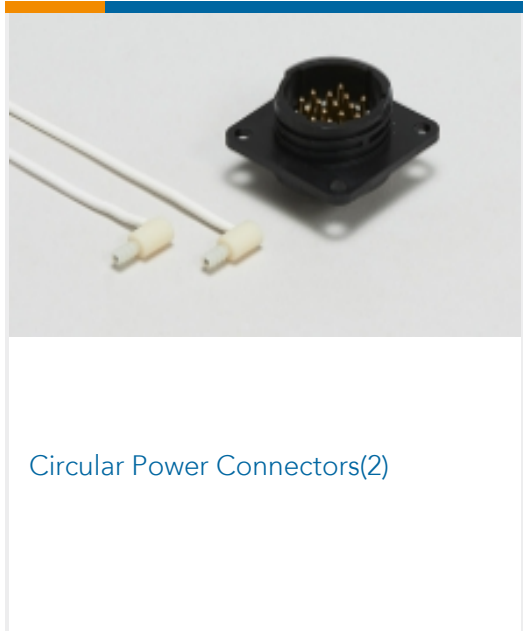


TE Part # 1-350778-1
02P UMNL V0 CAP HSG BROWN

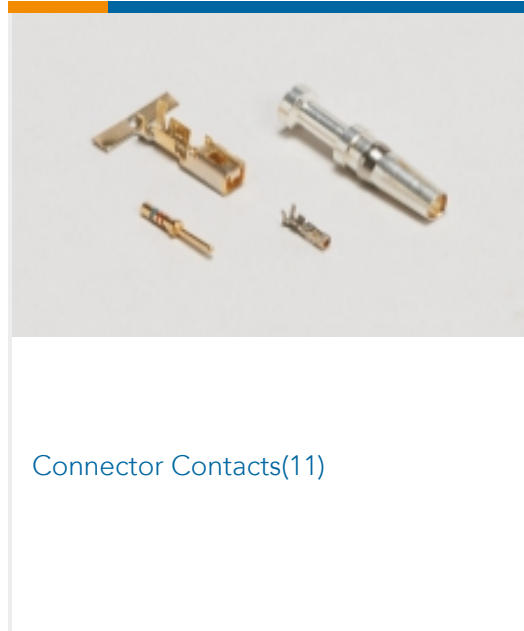


TE Part # 1-350778-3
02P UMNL V0 CAP HSG ORANGE

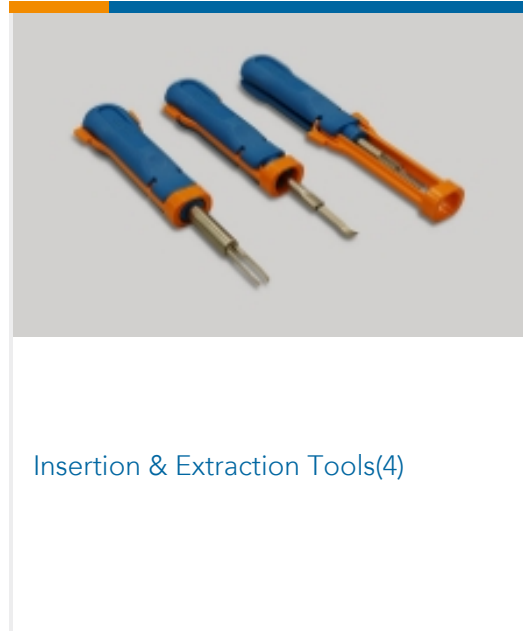
Also in the Series | **Universal MATE-N-LOK**



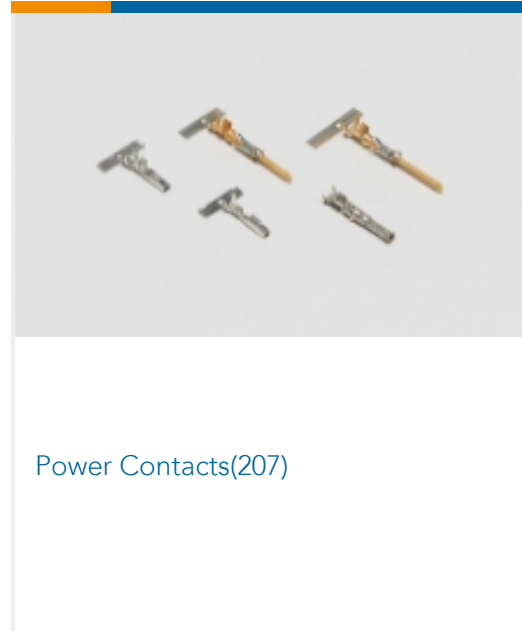
Circular Power Connectors(2)



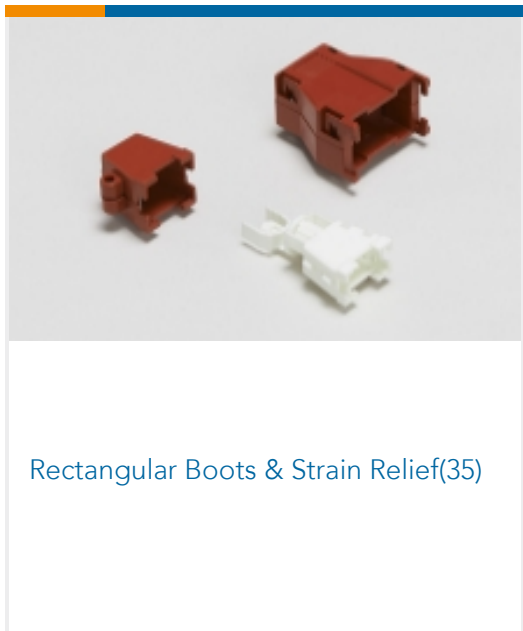
Connector Contacts(11)



Insertion & Extraction Tools(4)



Power Contacts(207)



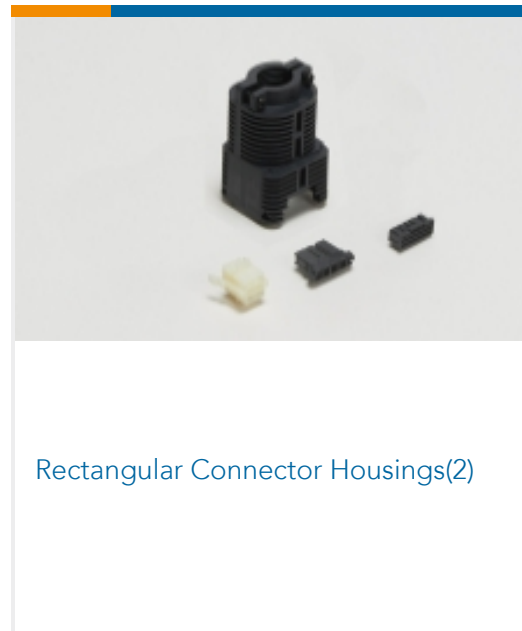
Rectangular Boots & Strain Relief(35)



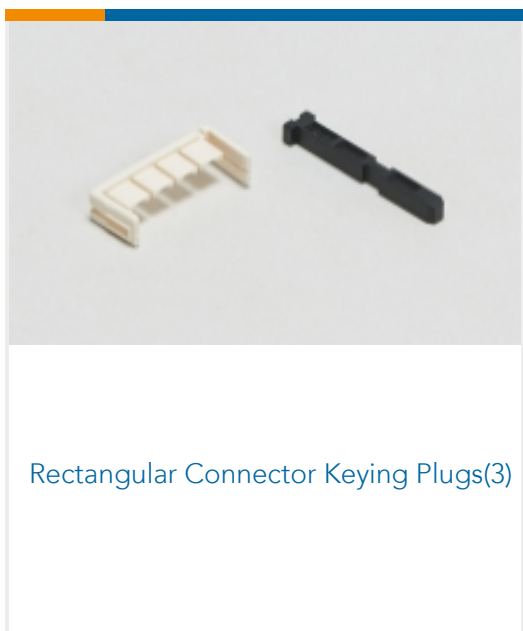
Rectangular Connector Adapters(7)



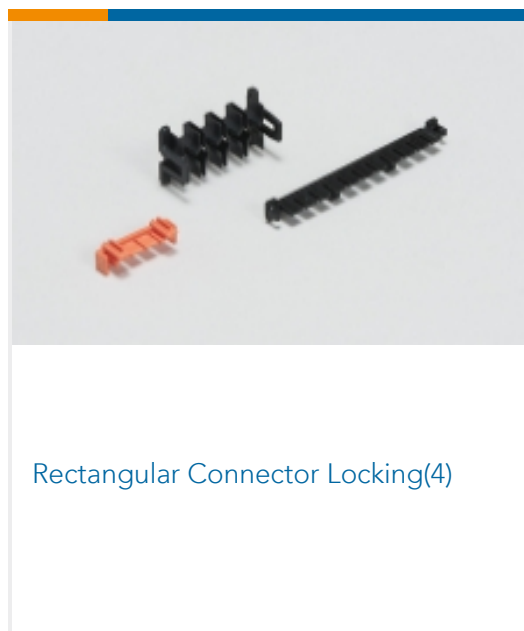
Rectangular Connector Hardware(1)



Rectangular Connector Housings(2)



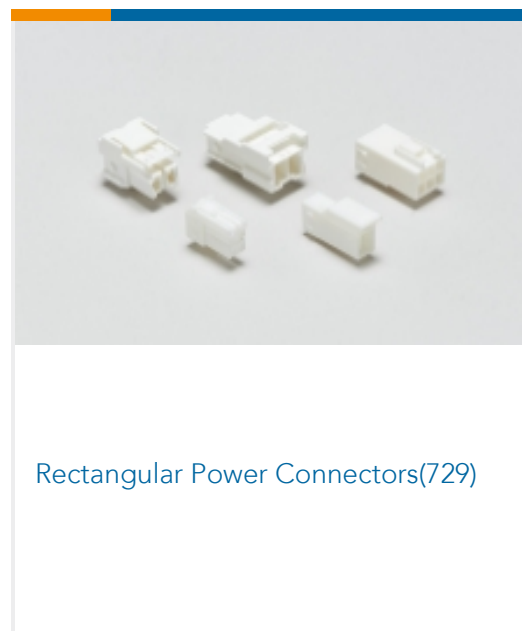
Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(729)

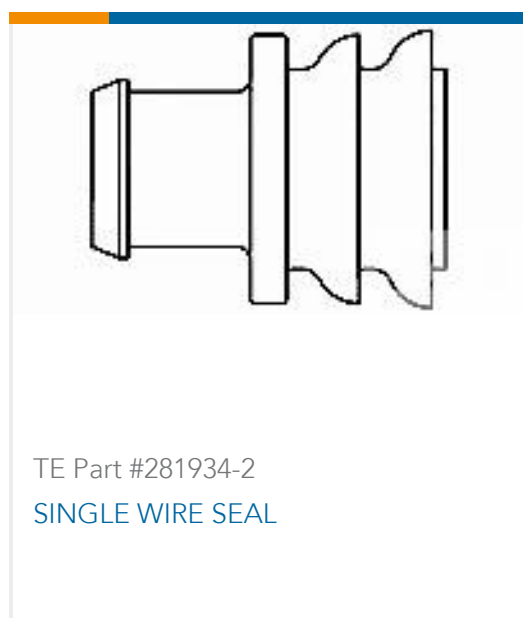
Customers Also Bought



TE Part #DT04-2P
DEUTSCH DT Series Housings & Connectors



TE Part #W2S
DEUTSCH DT WEDGELOCKS



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #0460-202-16141
DEUTSCH SOLID CONTACTS



Documents

Product Drawings

[PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1703061-2_A_c-1703061-2-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1703061-2_A_c-1703061-2-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1703061-2_A_c-1703061-2-a.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English