

1863016-1 ✓ ACTIVE

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

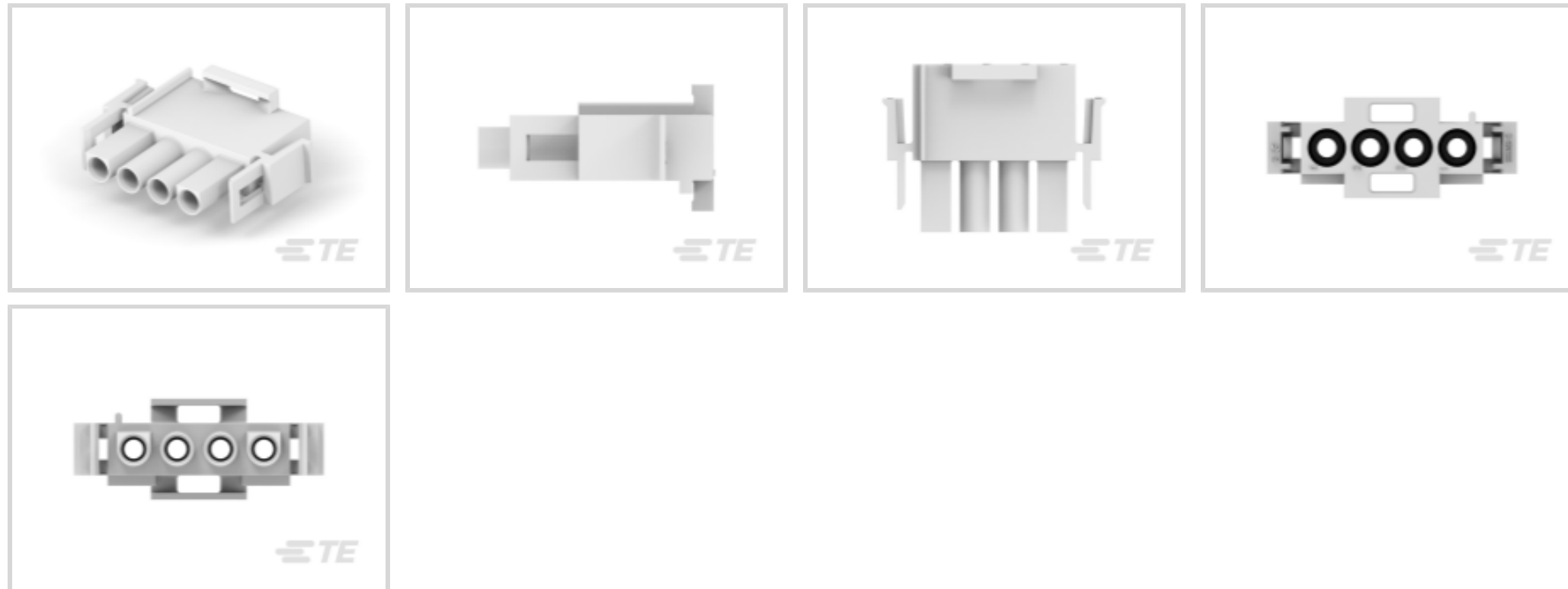
TE Internal #: 1863016-1

Universal MATE-N-LOK, Rectangular Power Connectors, Housing,
Plug, Wire-to-Board / Wire-to-Wire, 4 Position, 6.35mm [.25in]
Centerline, Wire & Cable

[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-Board, Wire-to-Wire**

Number of Positions: **4**

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, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
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	Socket
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	6.35 mm [.25 in]
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Housing Color	Natural
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Housing Material	PA 6
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Assembly Integration Feature	Without
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Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-2
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Glow Wire Rating	GWT 750°C (Without Flame)
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UL Rating	Recognized
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Agency/Standard Number	E28476
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VDE Tested	Yes
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Packaging Features

Packaging Method	Bag
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Packaging Quantity	1000
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Other

For Use With	Appropriate Universal MATE-N-LOK Cap or Header
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Comment	Glow Wire Test 750°C (Without Flame)
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 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

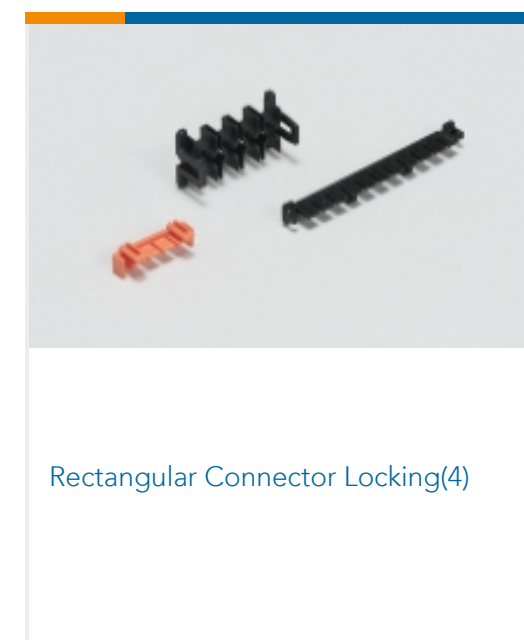
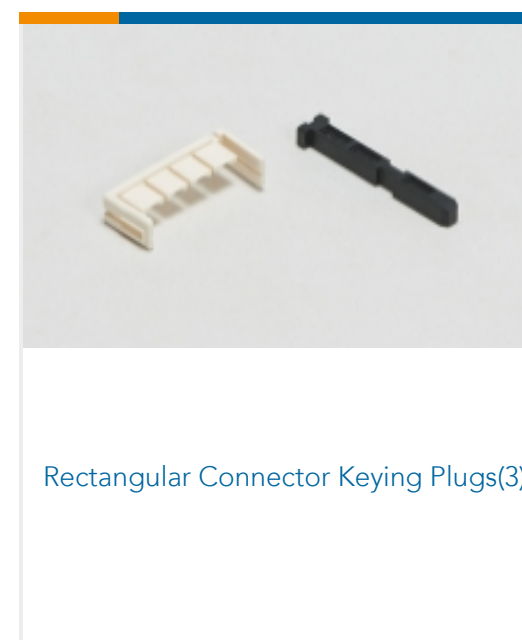
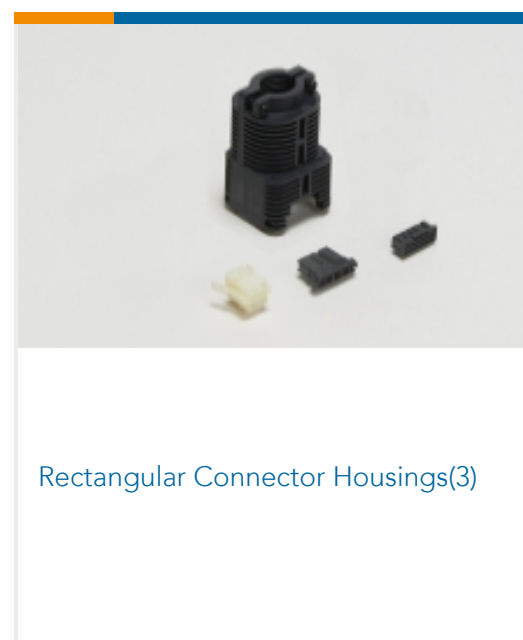
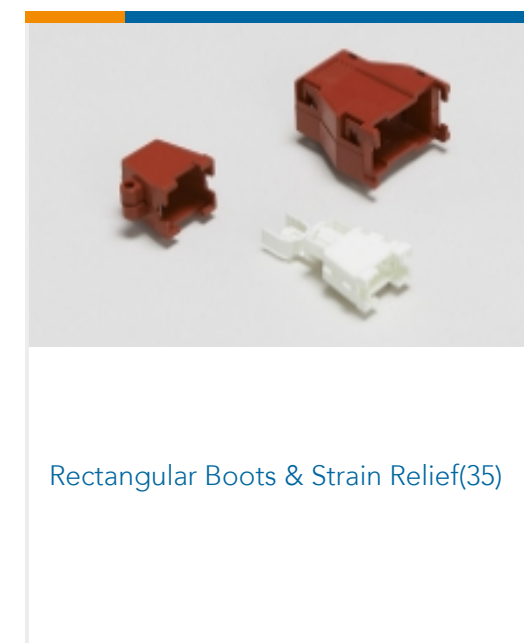
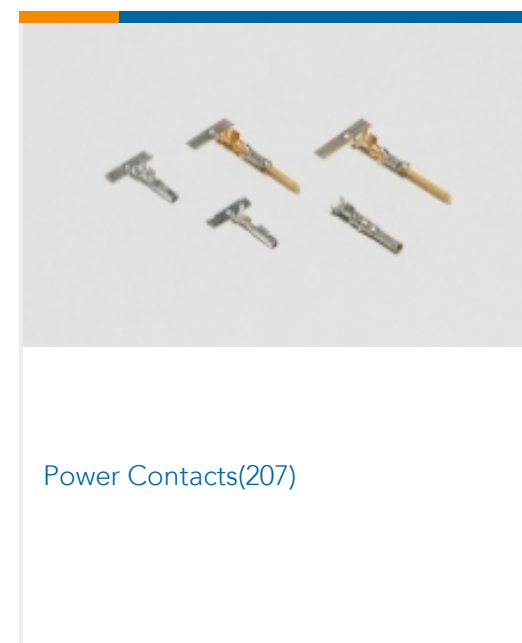
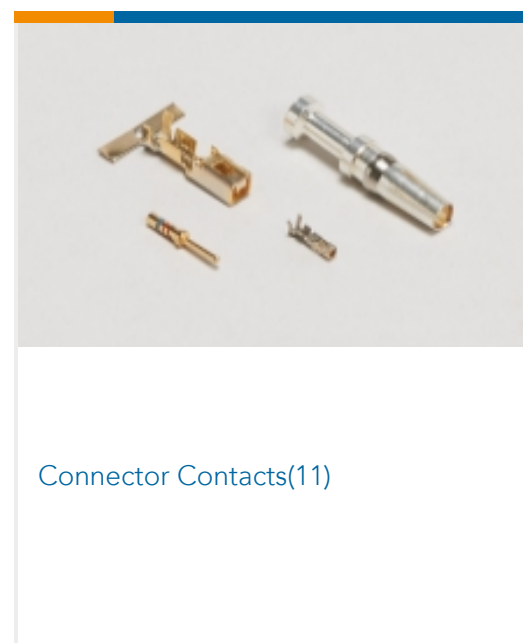
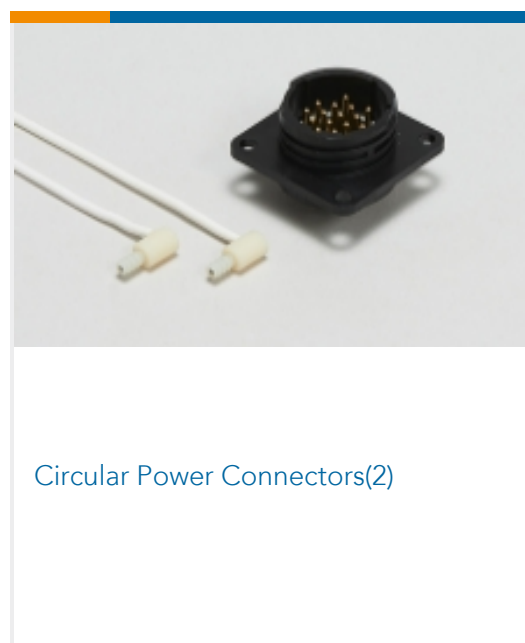
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Model / Part # 2-480703-0 04P UMNL CAP HSG NATL</p>	 <p>TE Model / Part # 1-480703-1 04P UMNL CAP HSG BRN</p>	 <p>TE Model / Part # 794707-1 04P UMNL CAP HSG, BLACK</p>	 <p>TE Model / Part # 1604256-1 UMNL BULKHEAD CONN, 4 POS</p>
 <p>TE Model / Part # 926305-6 UNML4WAY CAP</p>	 <p>TE Model / Part # 1-480703-9 04P UMNL CAP HSG BLK</p>	 <p>TE Model / Part # 926305-7 4P UNIV M-N-L CAP</p>	 <p>TE Model / Part # 770026-1 04P UMNLII IN-LINE CAP HSG KIT</p>



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

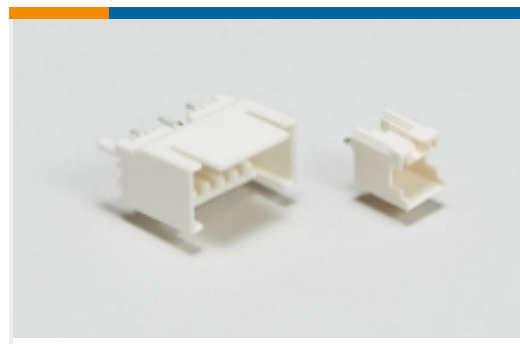




Rectangular Connector Seals(26)

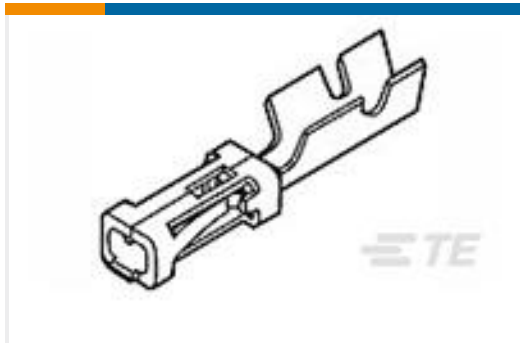


Rectangular Power Connectors(716)

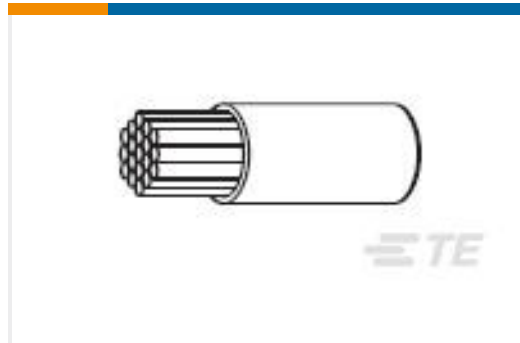


Wire-to-Board Headers & Receptacles (3)

Customers Also Bought



TE Model / Part #7-87522-2
MOD IV RECP PLTD 30 DPLX LF



TE Model / Part #939515-000
FLHTC0311-26-1



TE Model / Part #964976-7
MODU2MM BU-GEH 2X7P



TE Model / Part #215882-6
AMP-LATCH MIL TYPE RCPT
CONNECTOR



TE Model / Part #1803180-1
ANVIL, COMBINATION



TE Model / Part #1855129-3
HDM w/FA EMHBPR140TAB1400 G



TE Model / Part #2266162-1
OCEAN-2.0-APPLICATOR-S-042F055F



TE Model / Part #2266406-2
OC-AT-S-FA-042F070F-001-0127



TE Model / Part #4-1633932-7
ANVIL, COMBINATION



TE Model / Part #926298-5
UN-MNL STECK-GEH 4P

Documents

Product Drawings

[4P UMNL PLUG HSG GWT 750C](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1863016-1_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1863016-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1863016-1_A.3d_stp.zip](#)

English

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

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English