



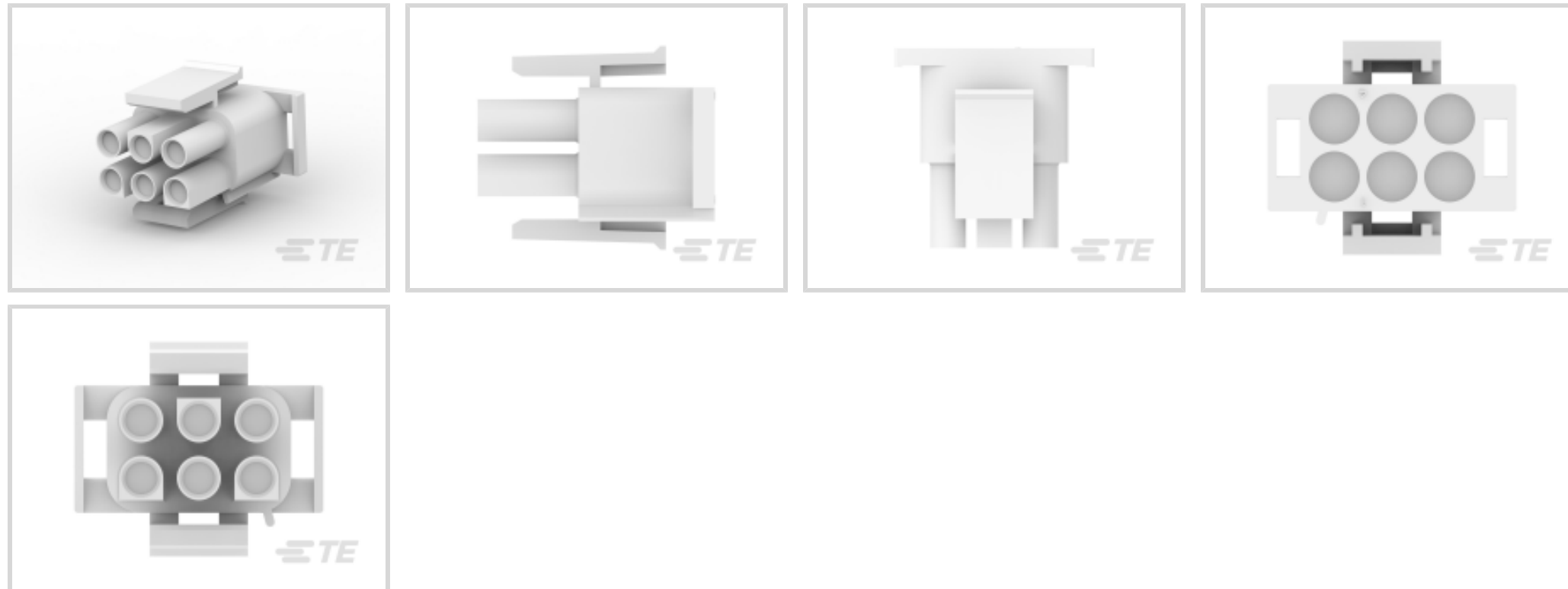
MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 1644055-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 6 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: **6**

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	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

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	Panel Mount
-------------------------	-------------

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	-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	Bag
------------------	-----

Packaging Quantity	500
--------------------	-----

Other

For Use With	Appropriate Universal MATE-N-LOK Cap or Header
--------------	--

Product Compliance

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

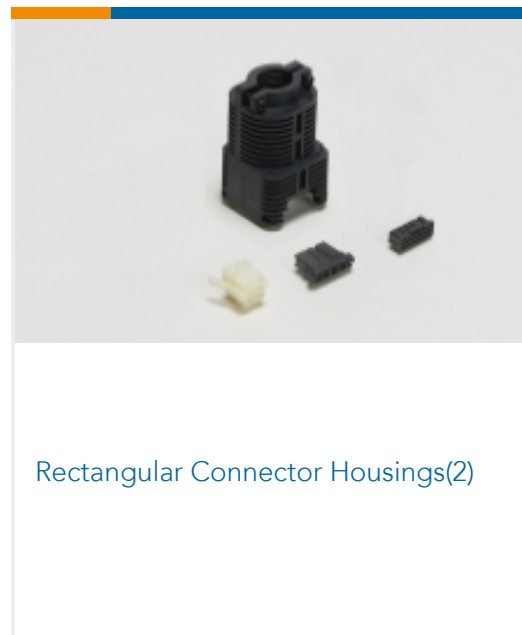
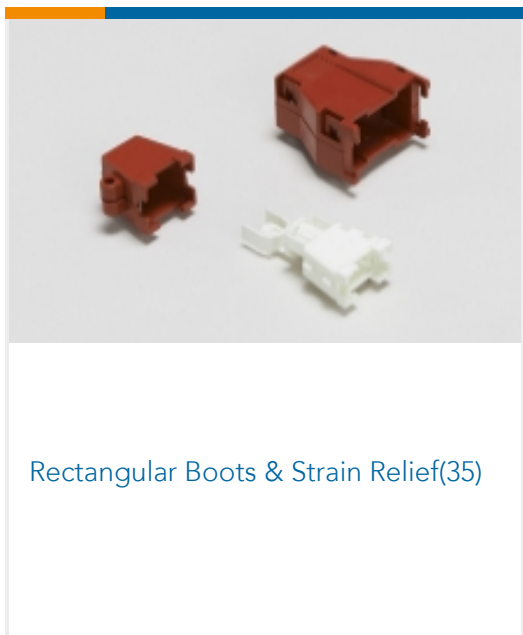
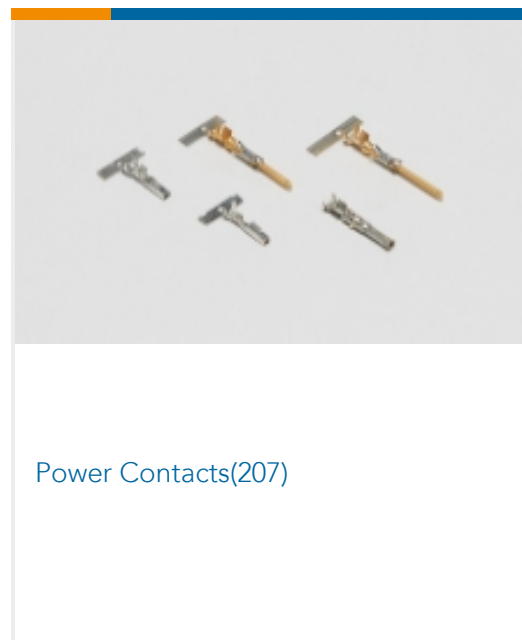
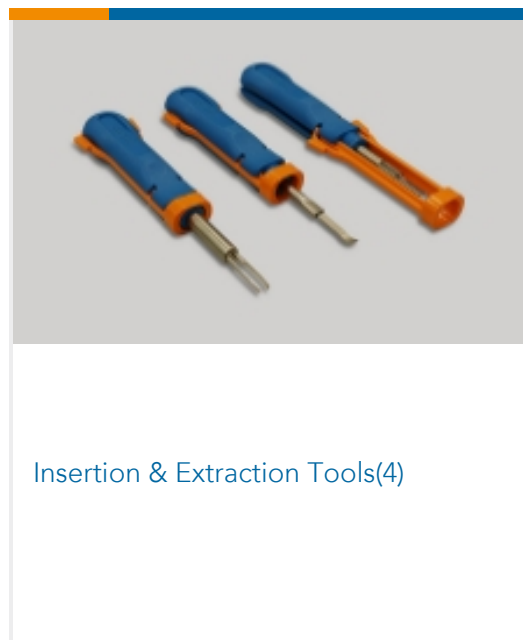
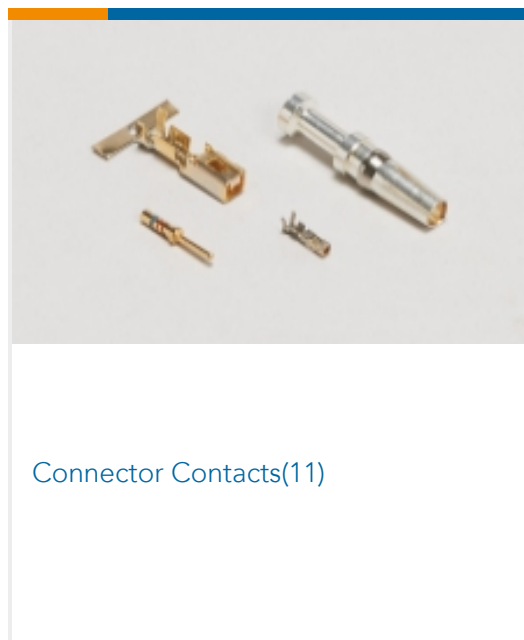
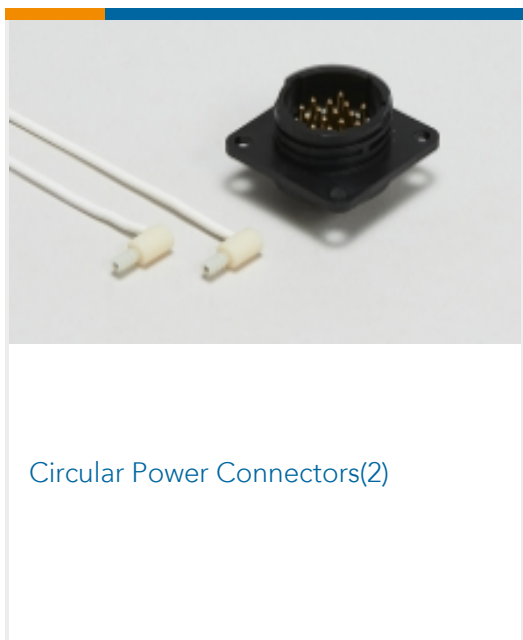
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

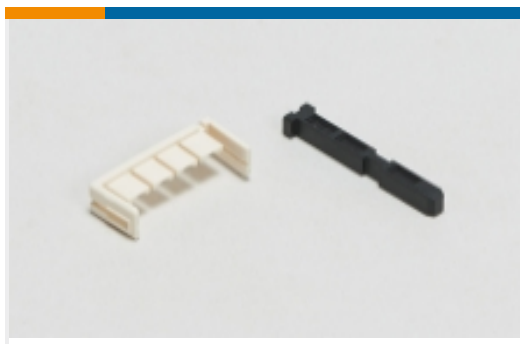
Compatible Parts

 <p>TE Part # 1-480705-2 06P UMNL CAP HSG RED</p>	 <p>TE Part # 1586860-1 06P UMNL CAP HSG, GW</p>	 <p>TE Part # 770027-1 06P UMNLII IN-LINE CAP HSG KIT</p>	 <p>TE Part # 926682-3 06P UNIV.M-N-L.HSG.</p>
 <p>TE Part # 1586846-1 06P UMNL PLUG HSG NATL, GW</p>	 <p>TE Part # 350781-1 06P UMNL CAP HSG</p>	 <p>TE Part # 1-480705-0 06P UMNL CAP HSG NATL</p>	 <p>TE Part # 1-1644055-2 UMNL 6 WAY PLUG HOUSING</p>



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

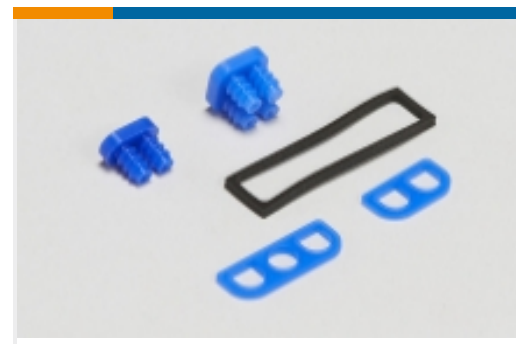




Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)

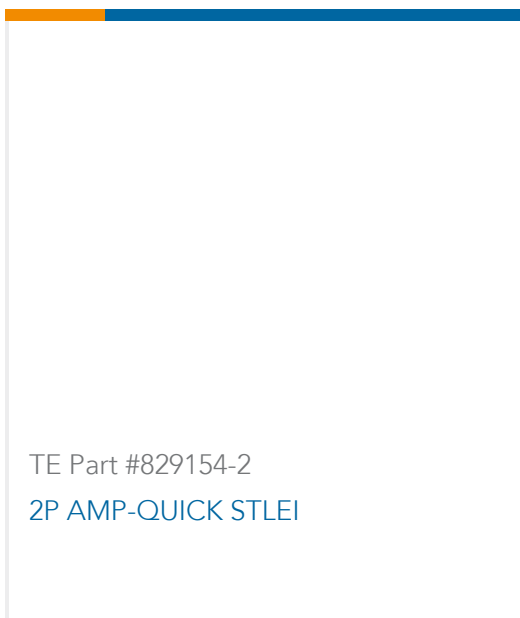


Rectangular Connector Seals(26)



Rectangular Power Connectors(729)

Customers Also Bought

TE Part #5-1879233-1
SMW5 12R 5%TE Part #1586860-1
06P UMNL CAP HSG, GWTE Part #1-172167-2
4 POS DR MINI UNIVTE Part #1-1969540-0
HOUSING, PLUG, 10P,DUAL ROW,
EP2.5TE Part #829154-2
2P AMP-QUICK STLEI

Documents

Product Drawings

UNIV MATE-N-LOK HOUSING 6W

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1644055-1_A2.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1644055-1_A2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1644055-1_A2.3d_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

[Product Specification](#)

English

Product Environmental Compliance

[MD_1644055-1_0419201828_dmtec](#)

English

[MD_1644055-1_0419201828_dmtec](#)

English

Agency Approvals

[VDE Certificate](#)

English