

1-640405-0 ✓ ACTIVE

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

TE Internal #: 1-640405-0

Housing, Receptacle, Wire-to-Wire, 5 Position, Wire & Cable, UL 94V-2, Universal MATE-N-LOK, Rectangular Power Connectors

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **5**

Sealable: **No**

Features

Identification Marking

Circuit Identification Feature	Without
--------------------------------	---------

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Dimensions

Product Width	12.4 mm[.488 in]
Product Length	17.9 mm[.704 in]
Connector Height	28.7 mm[1.129 in]
Row-to-Row Spacing	5.65 mm[.222 in]

Contact Features

Multiple Contact Types	Without
Contact Retention Within Housing	Without
Contact Type	Pin

Mechanical Attachment



Panel Mount Feature	Without
---------------------	---------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Industry Standards

Compatible With Agency/Standards Products	UL, CSA
---	---------

UL Rating	Recognized
-----------	------------

Compatible With Approved Standards Products	UL E28476
---	-----------

CSA Rating	LR 7189, Certified
------------	--------------------

UL Flammability Rating	UL 94V-2
------------------------	----------

Glow Wire Rating	Standard Part - Not Glow Wire
------------------	-------------------------------

Product Type Features

Rectangular Power Connector Type	Housing
----------------------------------	---------

Connector & Housing Type	Receptacle
--------------------------	------------

Connector System	Wire-to-Wire
------------------	--------------

Sealable	No
----------	----

Connector & Contact Terminates To	Wire & Cable
-----------------------------------	--------------

Configuration Features

Number of Positions	5
---------------------	---

Number of Rows	3
----------------	---

Electrical Characteristics

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

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Housing Features

Housing Color	Natural
---------------	---------

Housing Material	Nylon
------------------	-------

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Other

EU RoHS Compliance	Compliant
--------------------	-----------



EU ELV Compliance

Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

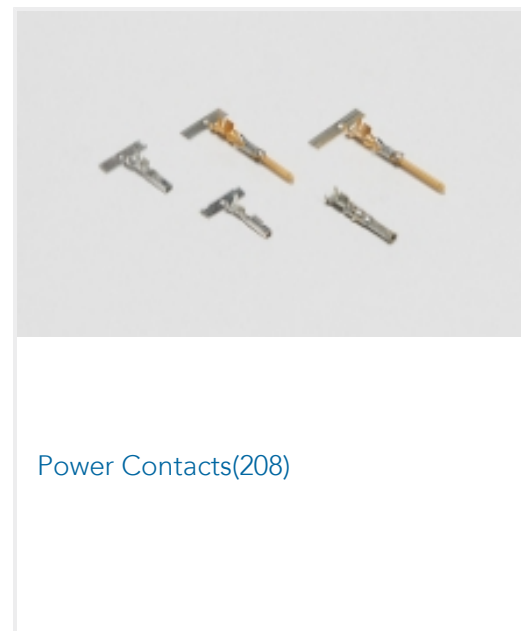
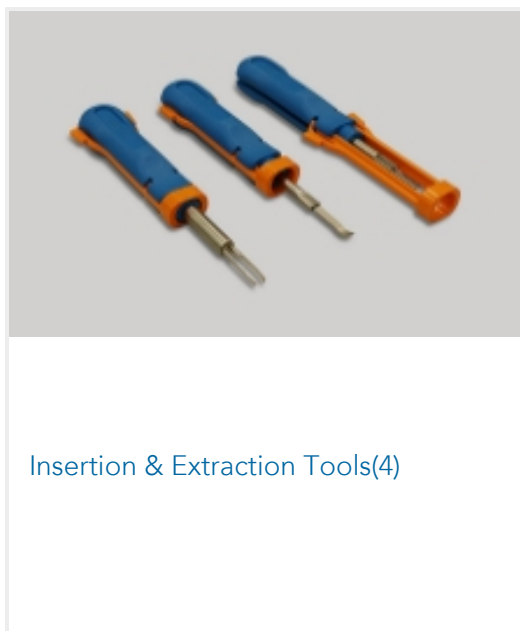
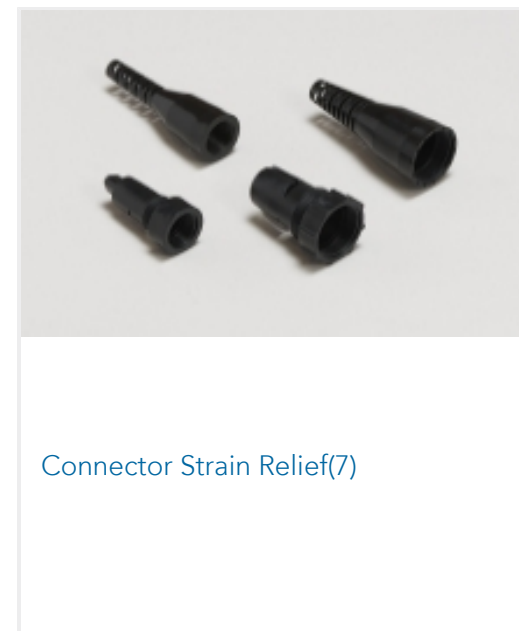
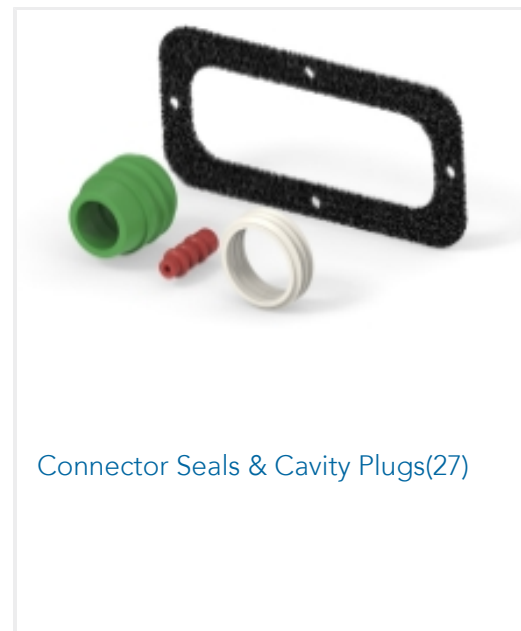
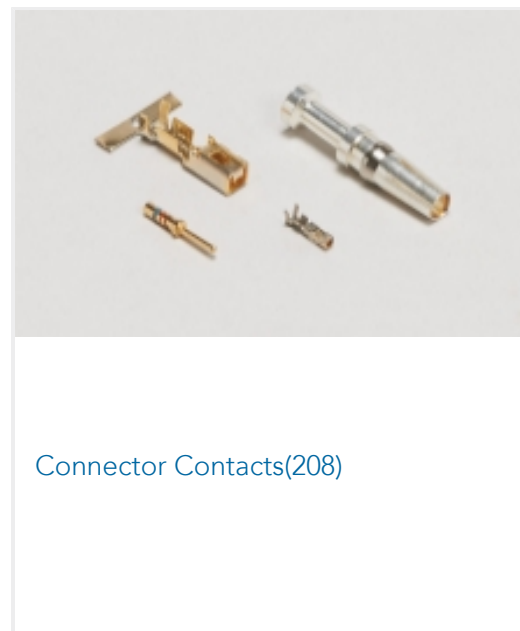
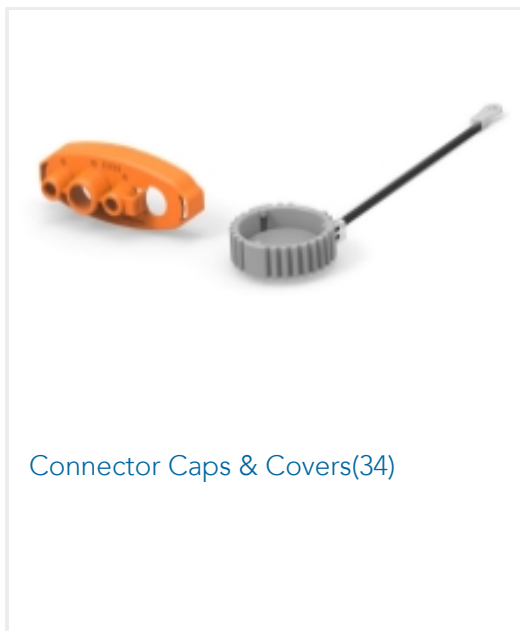
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



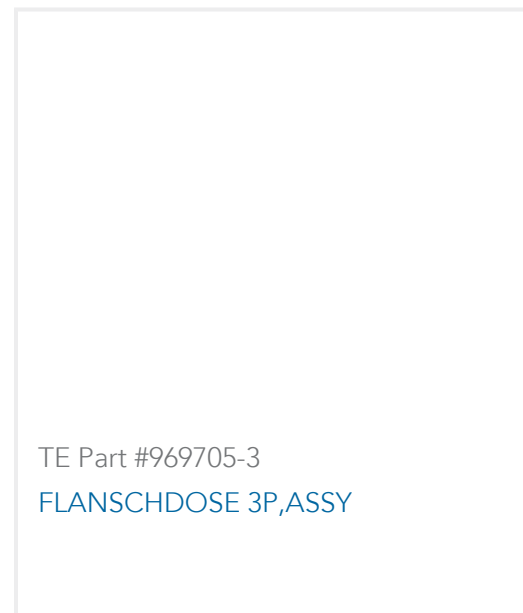
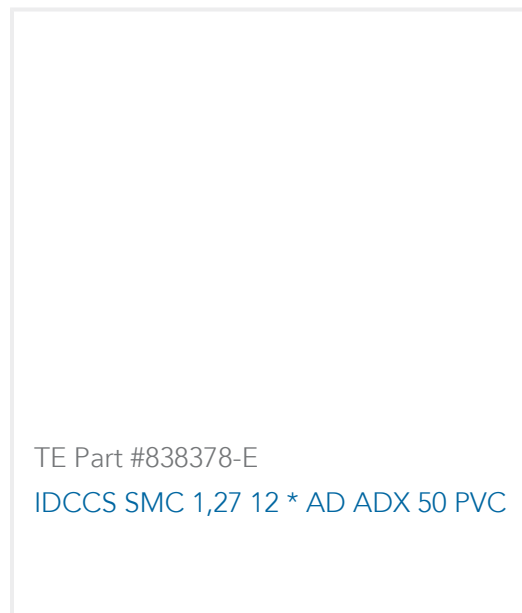


Also in the Series | Universal MATE-N-LOK



Customers Also Bought





Documents

Product Drawings

05P UMNL VALVE CONN HSG NATL

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-640405-0_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-640405-0_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-640405-0_N.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

English

Agency Approvals

UL

English