

1586847-1 ✓ ACTIVE

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

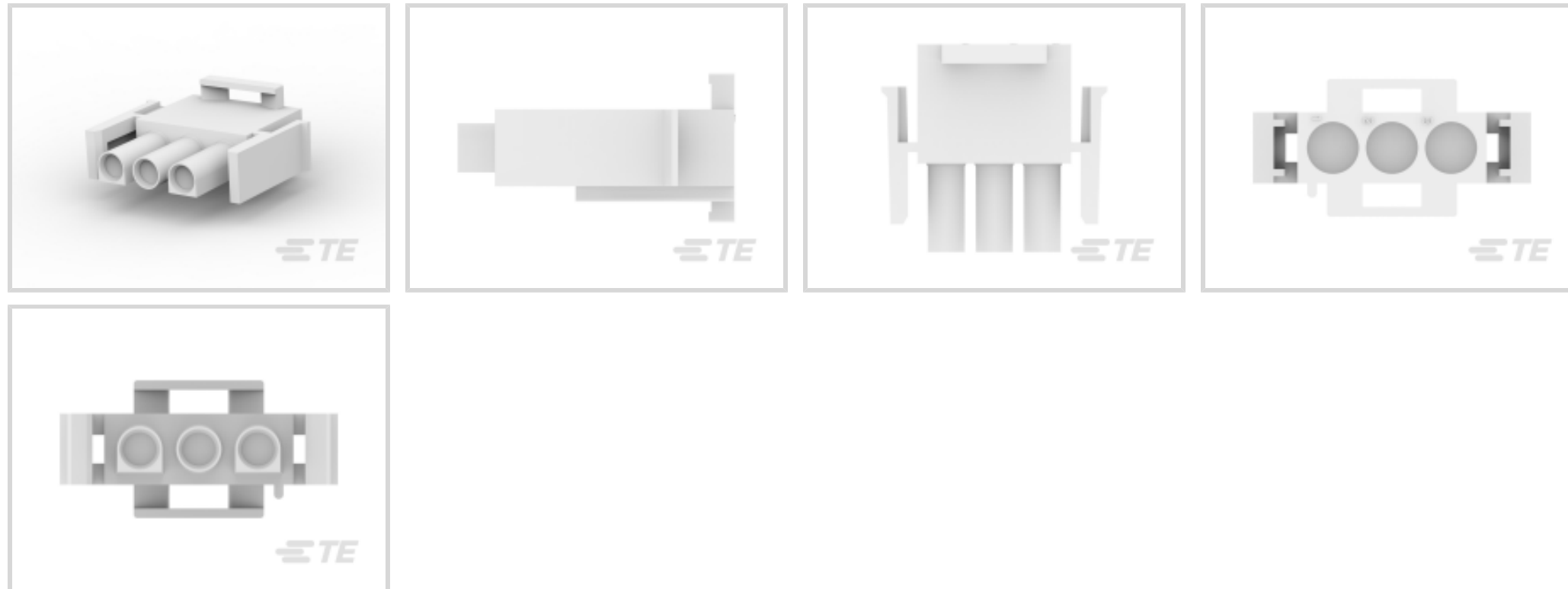
TE Internal #: 1586847-1

3 Position, Plug, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-2, 6.35 mm [.25 in] Centerline, 1 Row, 600 VAC, Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Wire**

Contact Retention Within Housing: **Without**

UL Flammability Rating: **UL 94V-2**

Features

Product Type Features

Connector Product 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	3
Number of Rows	1

Electrical Characteristics

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

Body Features

Primary Product Color	Natural
-----------------------	---------

Contact Features

--	--



Multiple Contact Types	Without
Contact Layout	Inline
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 Material	Nylon

Usage Conditions

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

Operation/Application

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

Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
UL Flammability Rating	UL 94V-2
Glow Wire Rating	GWT 750°C (Without Flame)

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)

Candidate List Declared Against: JUNE 2025 (250)

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



TE Part # 1-480701-2
03P UMNL CAP HSG RED



TE Part # 1-480701-5
03P UMNL CAP HSG GRN



TE Part # 1-480701-6
03P UMNL CAP HSG BLU



TE Part # 1-480700-6
03P UMNL PLUG HSG BLU



TE Part # 1586852-1
04P UMNL PLUG HSG, GW



TE Part # 1586377-1
03P UMNL PLUG HSG NATL



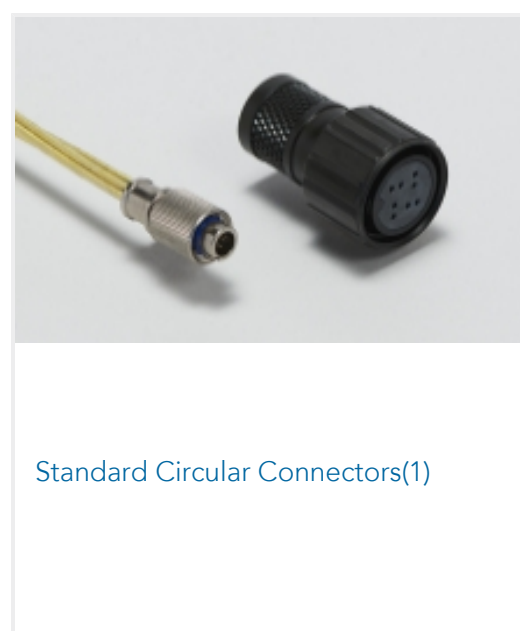
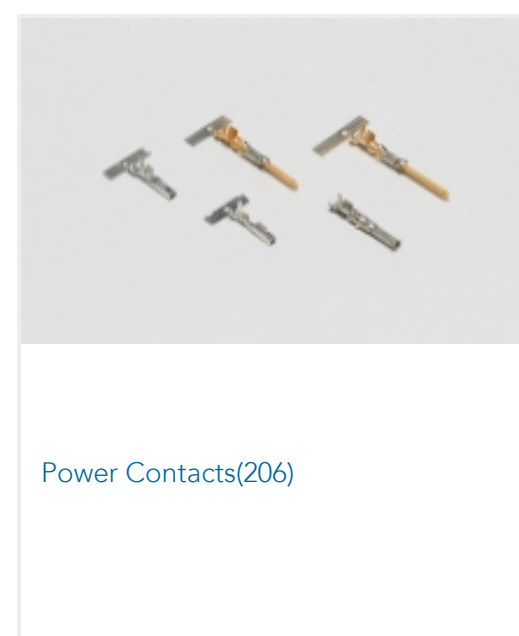
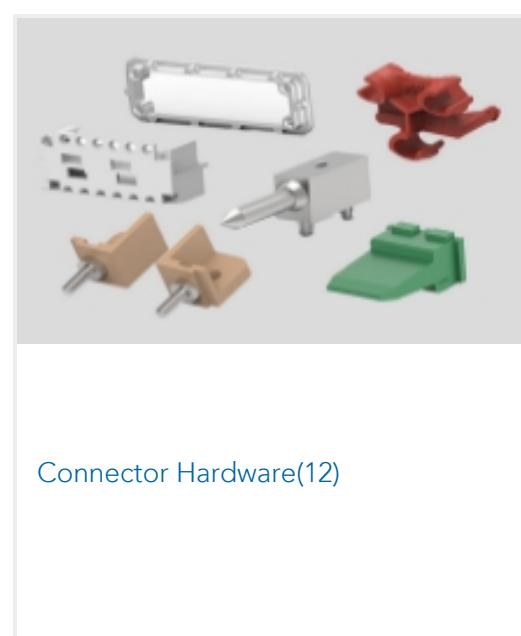
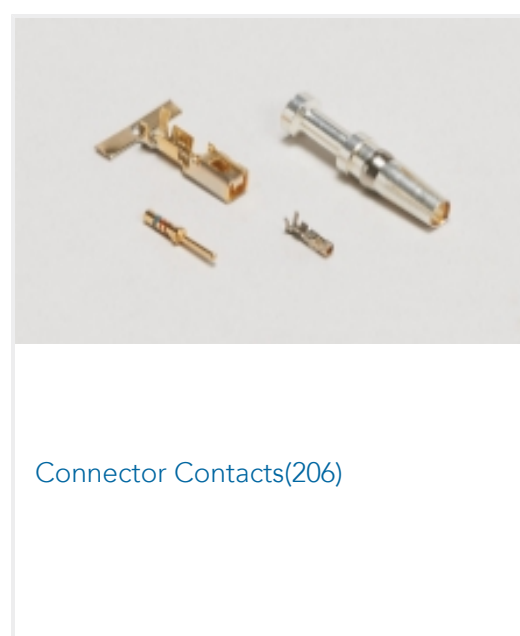
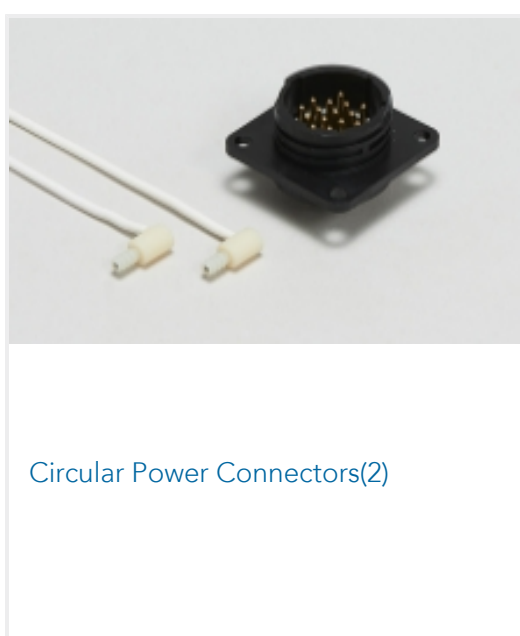
TE Part # 1-350767-9
03P UMNL V0 CAP HSG BLACK



TE Part # 640586-1
08P UMNL PLUG HSG V2 NATL



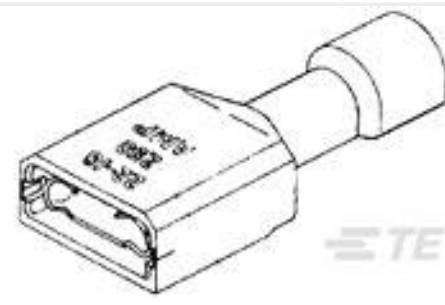
Also in the Series | **Universal MATE-N-LOK**



Customers Also Bought



TE Part #063725P021
ES2000-NO.2-B9-0-27MM



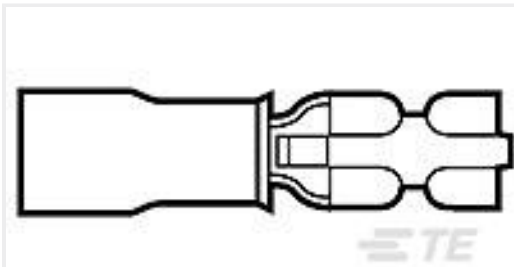
TE Part #9-520181-2
ULTRA-FAST 187 ASSEMBLY REC 22-18 TPBR



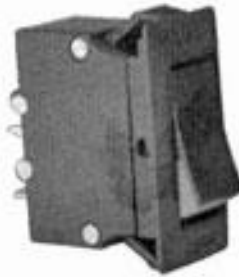
TE Part #521210-1
POSI-LOK HSG.250-8 POS RAST5



TE Part #521366-2
ULTRA-POD 250 ASSY REC 14-10 AWG TPBR



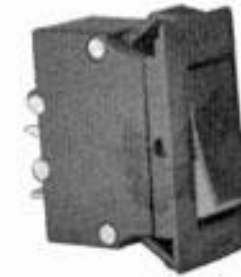
TE Part #640921-1
RECEPT, PIDG FASTON 22-18 110



TE Part #1423673-1
W51-A121B1-5=CKTBKR,THERM,ROCK



TE Part #1423673-5
W51-A121B1-10=CKTBKR,THERM,ROC



TE Part #1423673-7
W51-A121B1-20=CKTBKR,THERM,ROC



TE Part #4-1609134-7
20ESRM-3=F8277



TE Part #2-1625886-9
1W SM M/OX 5% 5K6

Documents

Product Drawings

[03P UMNL PLUG HSG, GW](#)

English

CAD Files

Customer View Model

[ENG_CVM_1586847-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1586847-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1586847-1_A.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D



Customer View Model

[ENG_CVM_CVM_1586847-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1586847-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1586847-1_B.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

[VDE Certificate](#)

English

[VDE Certificate](#)

English