

1586379-1 ✓ ACTIVE

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

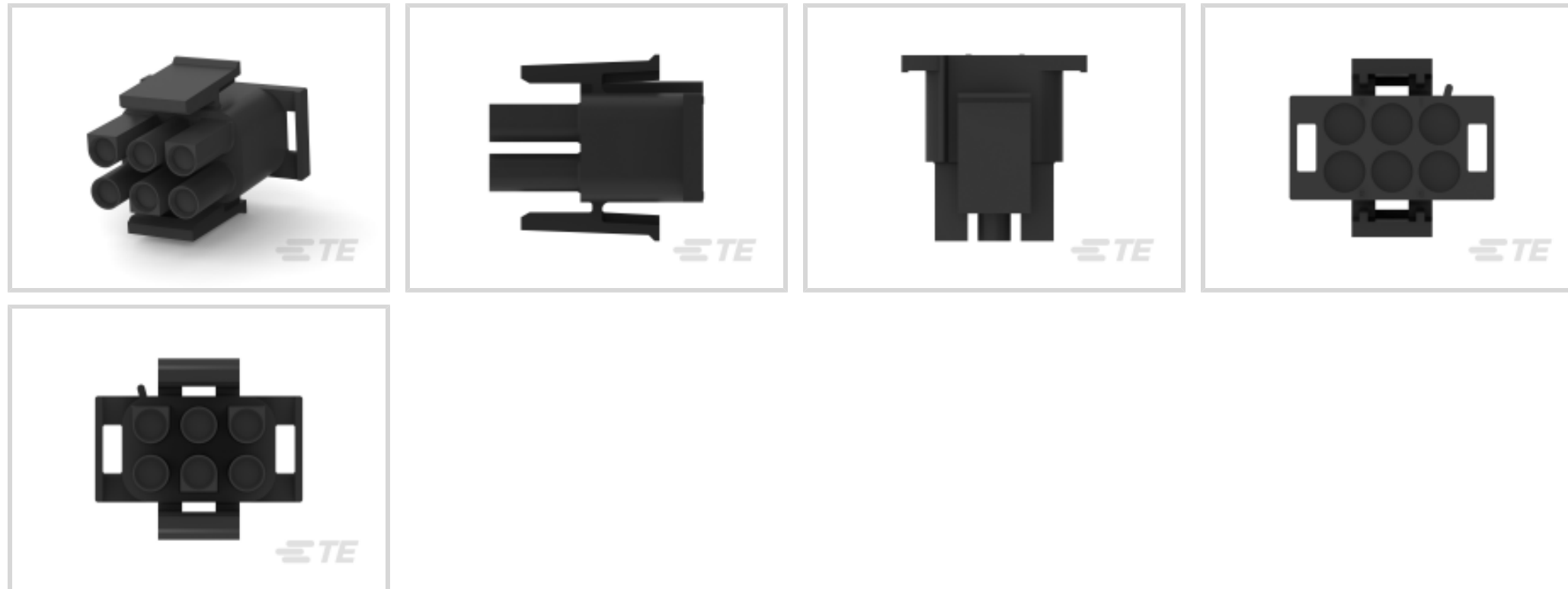
TE Internal #: 1586379-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Board /
Wire-to-Wire, 6 Position, 6.35 mm [.25 in] Centerline, Wire & Cable,
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-Board, 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-Board, 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
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Contact Features

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



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	6.35 mm [.25 in]
Housing Color	Black
Housing Material	Nylon

Dimensions

Connector Height	27.43 mm [1.08 in]
Product Width	13.97 mm [.549 in]
Product Length	27.43 mm [1.07 in]
Row-to-Row Spacing	6.35 mm [.25 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Identification Marking

Circuit Identification Feature	Without
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Industry Standards

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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

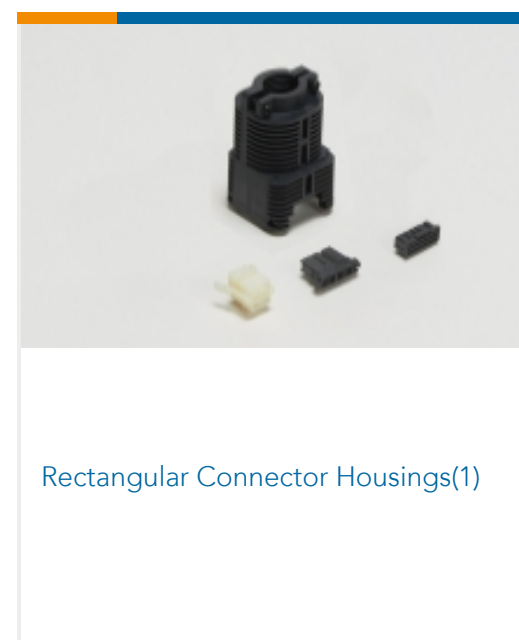
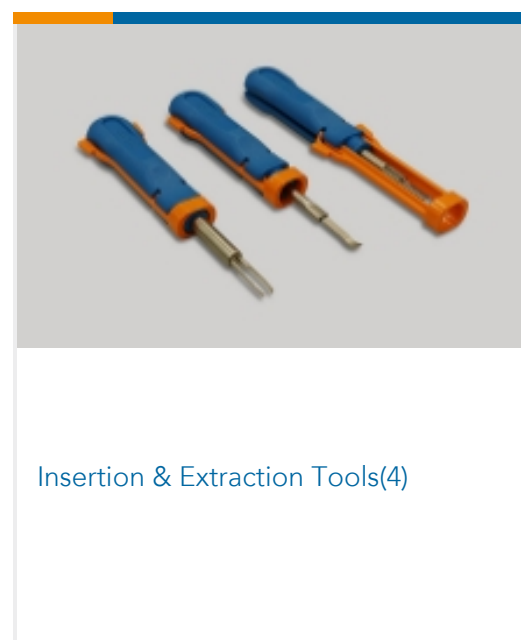
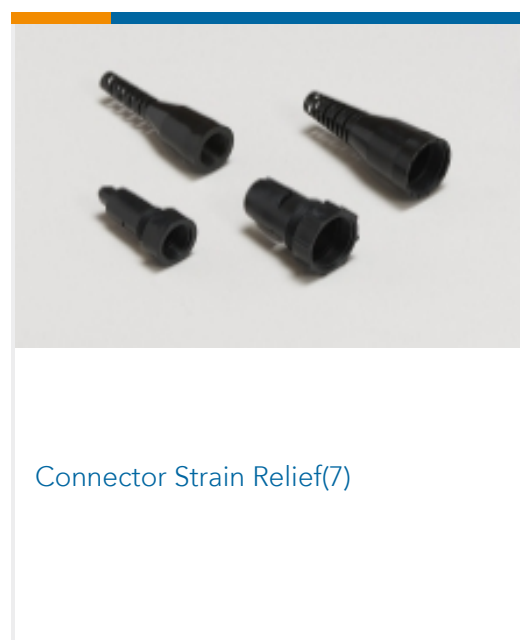
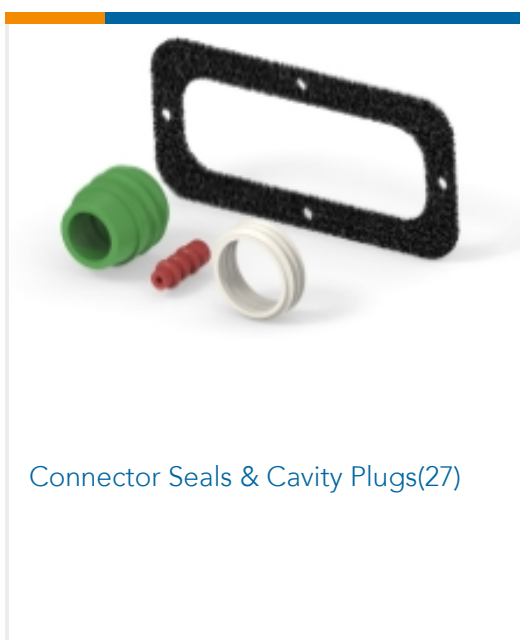
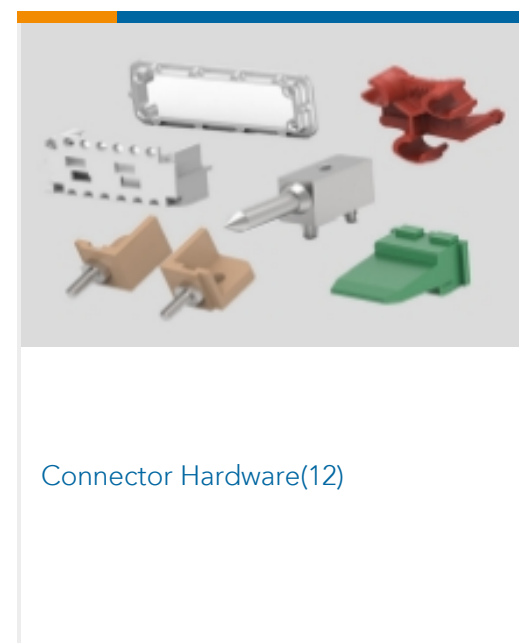
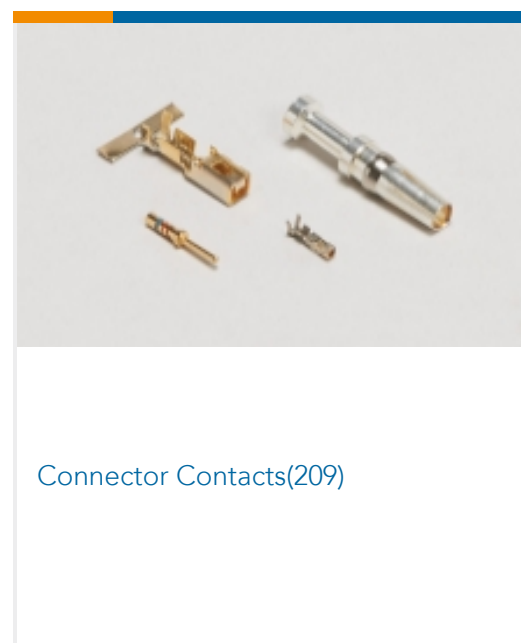
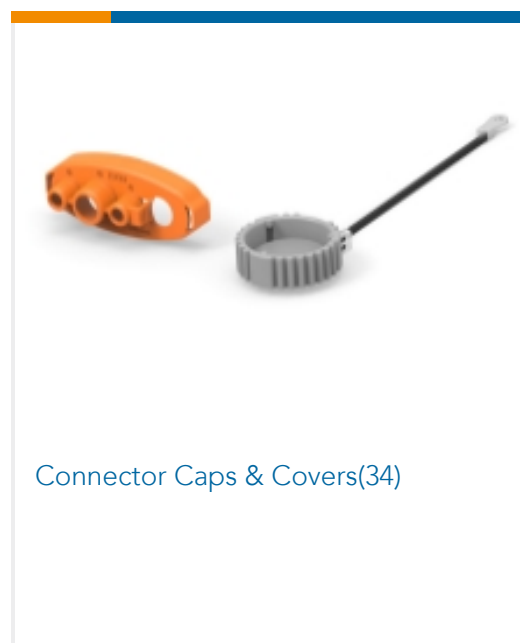
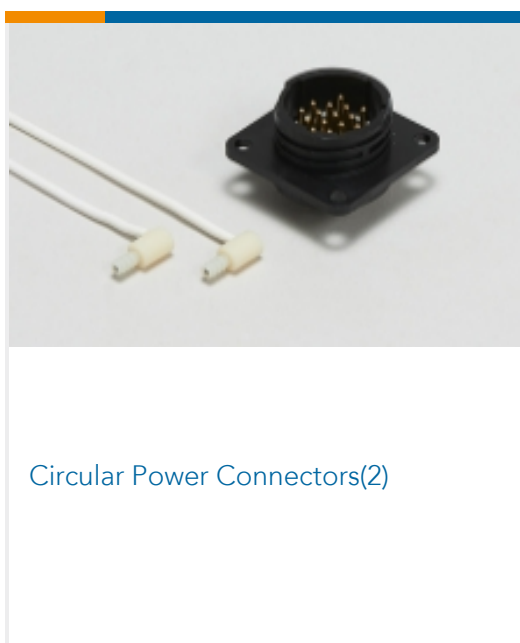
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 1586846-1 06P UMNL PLUG HSG NATL, GW</p>	 <p>TE Part # 1-480704-9 06P UMNL PLUG HSG BLK</p>	 <p>TE Part # 8-794535-1 06P UMNL PLUG HSG 150C BLK, SP</p>	 <p>TE Part # 794535-1 06P UMNL PLUG HSG 150C BLK</p>
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Also in the Series | **Universal MATE-N-LOK**



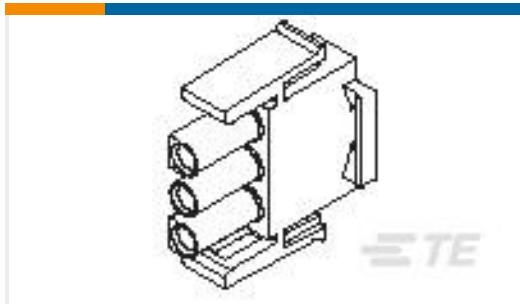


Rectangular Power Connectors(672)



Standard Circular Connectors(1)

Customers Also Bought



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



TE Part #2213263-1
NECTOR M SKT HSG ASSY, PM, 7P
CODE A



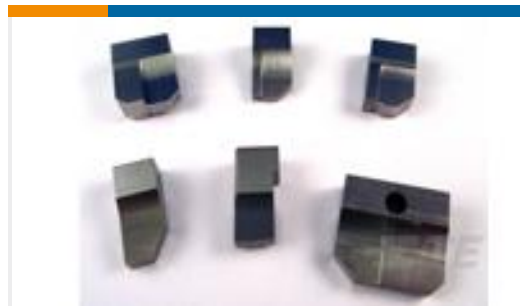
TE Part #2266019-1
OCEAN_2.0_APPLICATOR-S-.080F-
RSM



TE Part #2836287-1
OCEAN_2.0_Applicator-S-062F-RSM



TE Part #293653-5
NECTOR S PCB CONN. ASSY.
STRAIGHT PLUG



TE Part #3-1633621-1
ANVIL, COMBINATION



ANVIL REPRESENTATION ONLY

TE Part #4-1803257-3
ANVIL, COMBINATION END FEED



TE Part #2213240-1
NECTOR M SKT HSG ASSY, FH, 7P,
CODE A



TE Part #2213242-1
NECTOR M HSG, PIN, FH, 7P CODE A



TE Part #1586378-1
03P UMNL CAP HSG NATL

Documents

Product Drawings

[06P UMNL PLUG HSG NATL](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1586379-1_B.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1586379-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1586379-1_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English