

2178473-3 ✓ ACTIVE

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

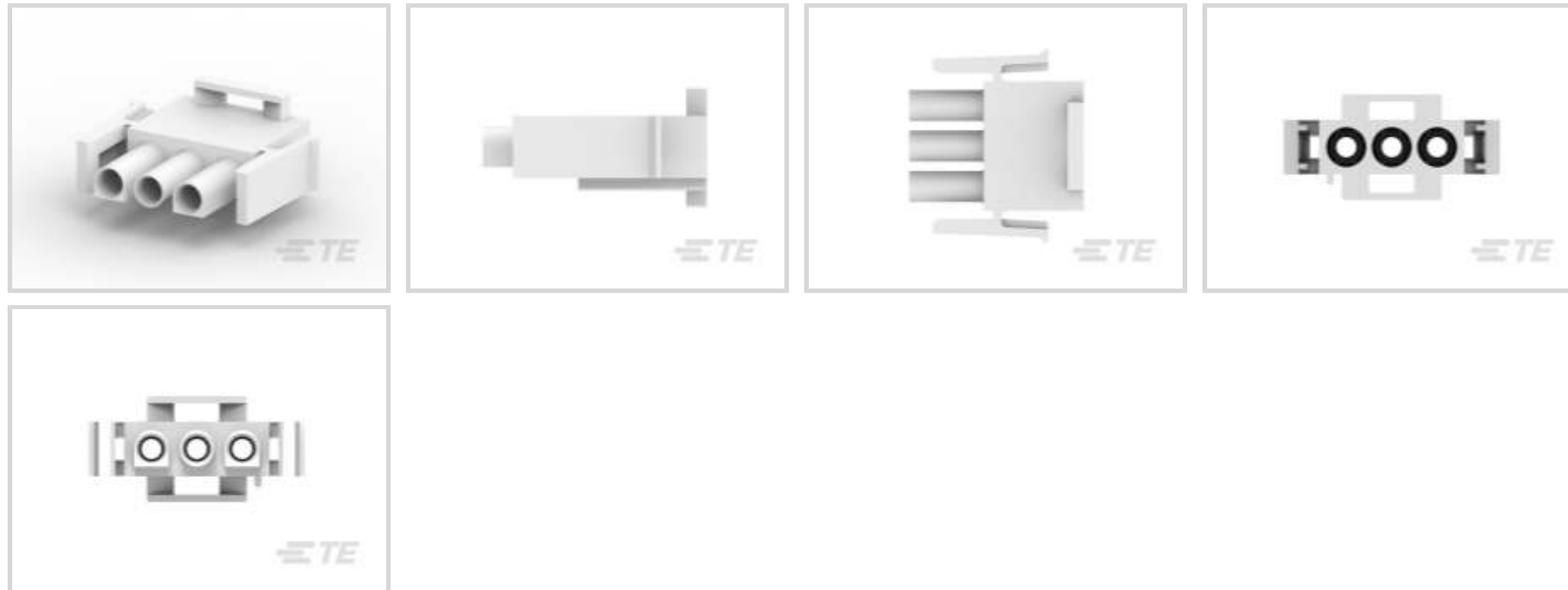
TE Internal #: 2178473-3

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Board, 3 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: **3**

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	3
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

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 66
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Usage Conditions

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Approved Standards	UL E28476
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UL Flammability Rating	UL 94V-0
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Glow Wire Rating	GWT 750°C (Without Flame)
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Packaging Features

Packaging Method	Package
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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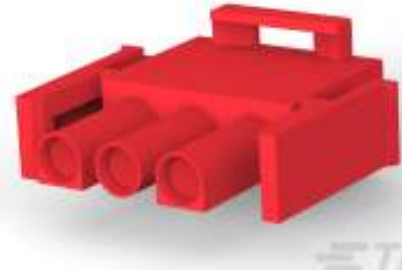





Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

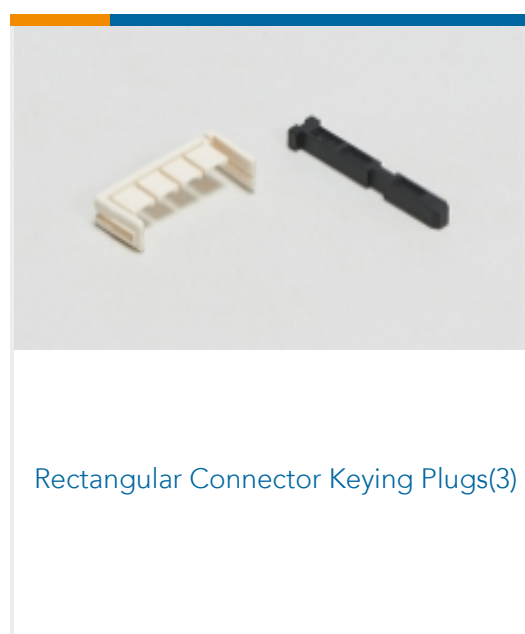
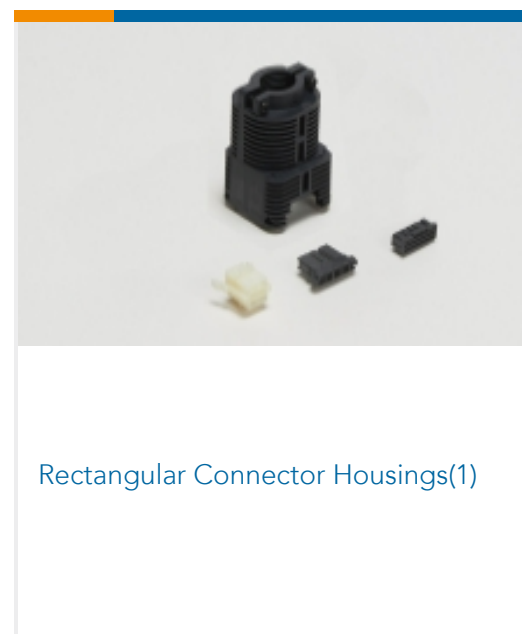
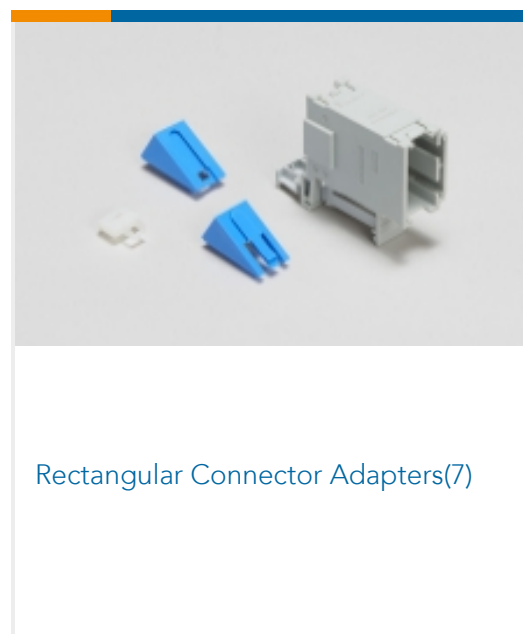
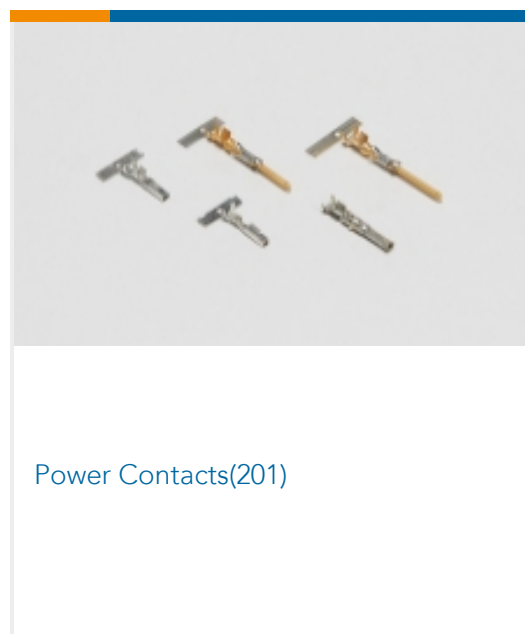
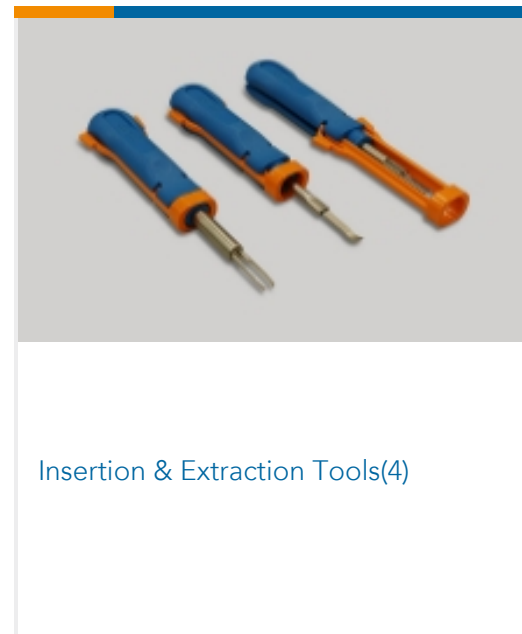
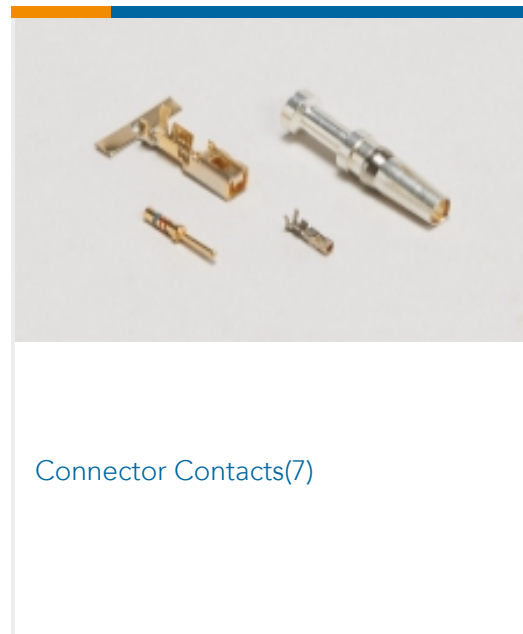
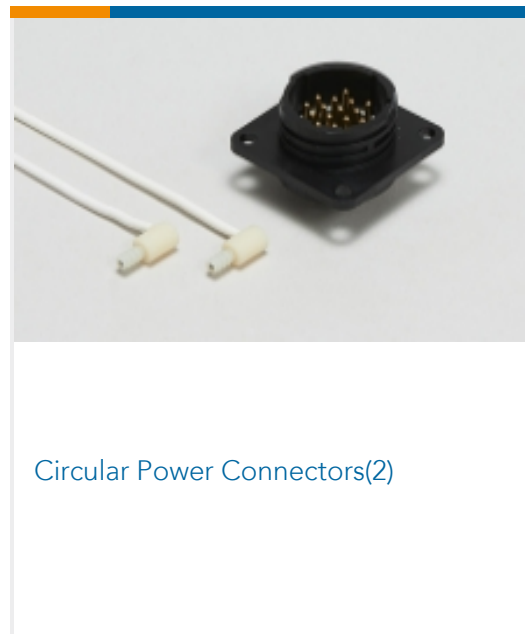
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

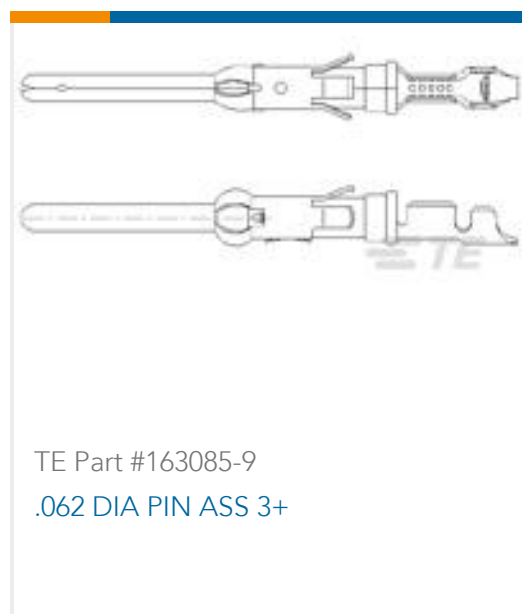
 <p>TE Part # 1-350766-2 03P UMNL V0 PLUG HSG RED</p>	 <p>TE Part # 1-480701-4 03P UMNL CAP HSG YELL</p>	 <p>TE Part # 350779-4 04P UMNL PLUG HSG UL94VO</p>	 <p>TE Part # 1-350767-9 03P UMNL V0 CAP HSG BLACK</p>
 <p>TE Part # 1-480701-2 03P UMNL CAP HSG RED</p>	 <p>TE Part # 2-480702-0 04P UMNL PLUG HSG NATL</p>	 <p>TE Part # 770025-1 03P UMNLI IN-LINE CAP HSG KIT</p>	 <p>TE Part # 350767-1 03P UMNL CAP HSG V0</p>
 <p>TE Part # 350779-1 04P UMNL PLUG HSG</p>	 <p>TE Part # 350766-1 03P UMNL PLUG HSG</p>	 <p>TE Part # 1-480701-0 03P UMNL CAP HSG NATL</p>	 <p>TE Part # 2178473-2 3POS UMNL PLUG HSG V0 GW</p>



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



Customers Also Bought



TE Part #163085-9
.062 DIA PIN ASS 3+



TE Part #215297-7
7P HV100 REC CON. TE, 7.0MM



TE Part #641776-1
04P UMNL STR/REL



TE Part #1-1863003-2
UMNL 9WAY PLUG HOUSING



TE Part #770210-1
UMNL GRND PIN PTPBR



TE Part #1-1703061-2
PLUG, 2 CIRCUIT, UNIVERSAL MATE-N-LOK



TE Part #925075-7
4W CIRCULAR MATE-N-LOK PIN HSG NAT



TE Part #1-2120864-1
VARIANT 14; METAL PLUG, RJ45, CAT6A, 8POS.



TE Part #964310-1
TAB A 5.8x0.8 CONTACT CF SWS Sn



TE Part #215447-4
2X 4P MOD2 STIFTLI

Documents

Product Drawings

3POS UMNL PLUG HSG GW

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2178473-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2178473-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2178473-3_A.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

Product Environmental Compliance

[MD_2178473-3_071820171024_dmtec](#)

English

[MD_2178473-3_071820171024_dmtec](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[VDE Certificate](#)

English