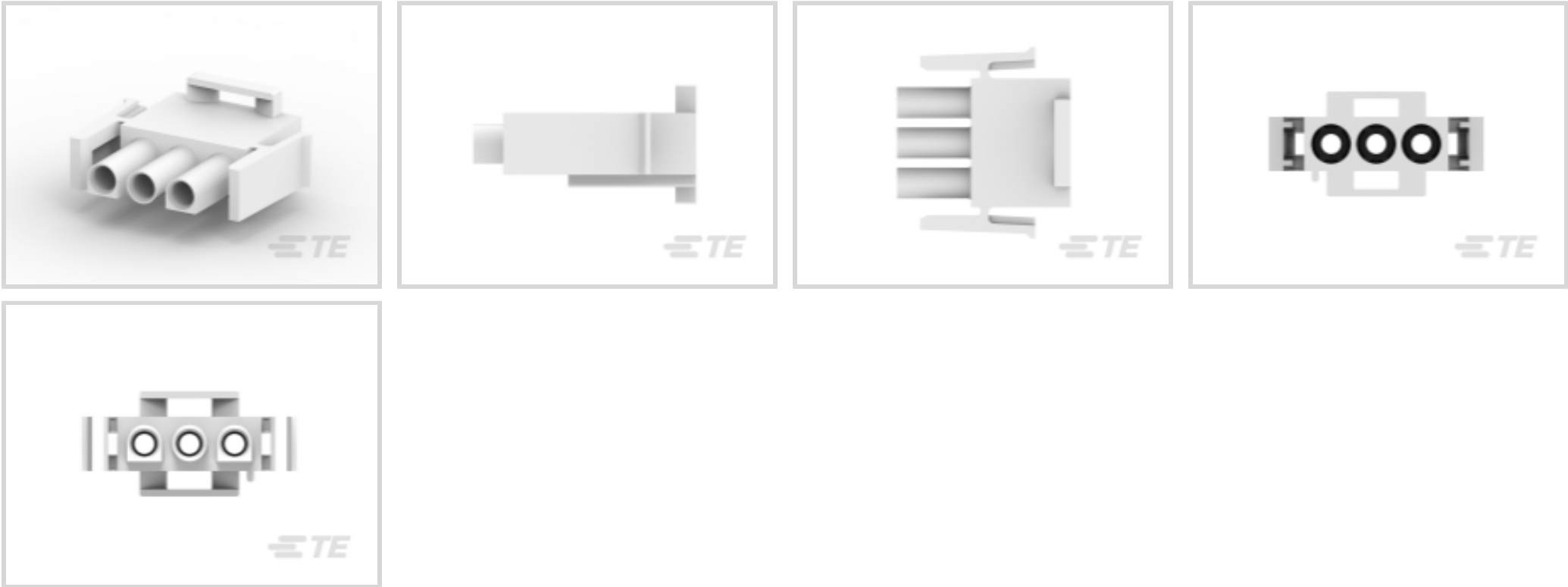




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Board, Wire-to-Wire**
Contact Retention Within Housing: **Without**

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
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Body Features

Primary Product Color	Natural
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Contact Features

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

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

Housing Material	PA 66
Centerline (Pitch)	6.35 mm[.25 in]

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

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

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
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.



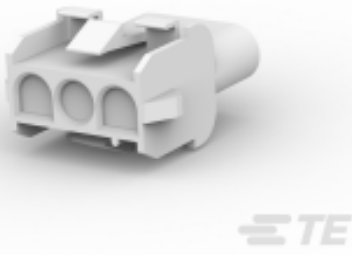
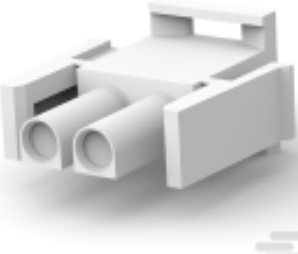
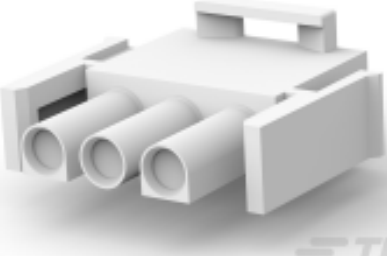
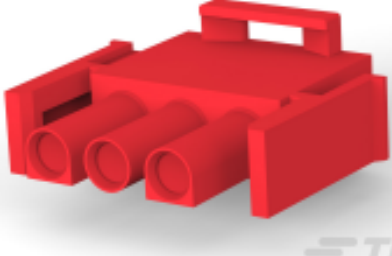
Solder Process Capability

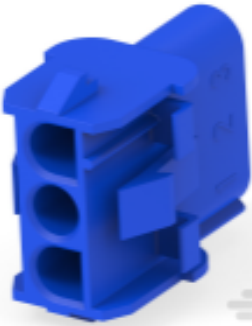
Not reviewed for solder process capability

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 # 1-350766-3 03P UMNL V0 PLUG HSG ORANGE	 TE Part # 1586849-1 03P UMNL CAP HSG NATL, GW	 TE Part # 1-480701-0 03P UMNL CAP HSG NATL	 TE Part # 1-480701-9 03P UMNL CAP HSG BLK
 TE Part # 350767-1 03P UMNL CAP HSG V0	 TE Part # 794900-1 03P UMNL HI TEMP CAP HSG	 TE Part # 1-350766-8 03P UMNL V0 PLUG HSG GRAY	 TE Part # 1-1703061-2 PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK
 TE Part # 1-480701-1 03P UMNL CAP HSG BRN	 TE Part # 350766-1 03P UMNL PLUG HSG	 TE Part # 770047-1 03P UMNL II CAP-FRONT 94V0	 TE Part # 1-350766-2 03P UMNL V0 PLUG HSG RED



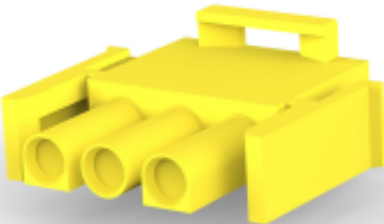
TE Part # 1-480701-6
03P UMNL CAP HSG BLU



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



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



TE Part # 1-350766-4
03P UMNL V0 PLUG HSG YELLOW



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



TE Part # 350779-4
04P UMNL PLUG HSG UL94VO



TE Part # 2178473-2
3POS UMNL PLUG HSG V0 GW



TE Part # 1-480701-4
03P UMNL CAP HSG YELL

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



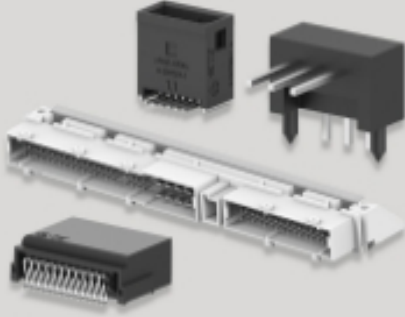
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



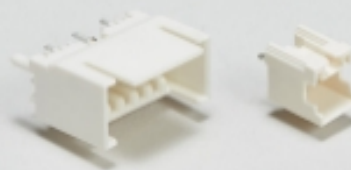
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(286)



Rectangular Power Connectors(651)



Wire-to-Board Headers & Receptacles (286)

Customers Also Bought



TE Part #42098-2
FF 250 TAB 18-14 AWG PTPB



TE Part #ZPF000000000207202
DMC-M 00-00



TE Part #62274-1
250 FASTON REC 22-18 AWG TPBR



TE Part #YDIV46E13-98PNC009
PLUG ASSY

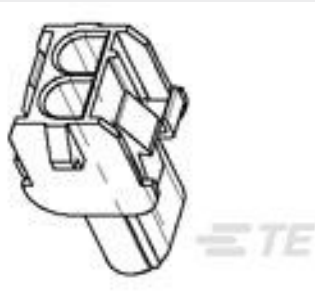




TE Part #60878-2
250 FASTON REC 22-18 AWG TPBR



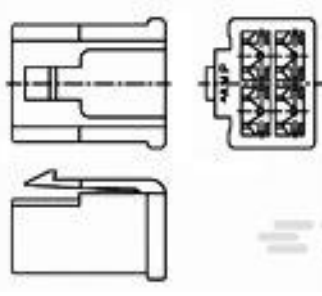
TE Part #CX2093-000
TXR64AB90-3616AI



TE Part #1-1703062-2
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



TE Part #3-640599-2
02P MTA156 CONN ASSY 18AWG ORA



TE Part #174202-1
250 FASTON HSG.,REC.,4 POS, NATRUAL



TE Part #85092-1
PL 187 HOUSING 2P REC NYLON66 NATURAL

Documents

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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English

2178473-3

Housing, Plug, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-0, 3 Position, Universal
MATE-N-LOK, Rectangular Wire & Cable Connectors & Housings

