2178474-2 ✔ ACTIVE

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

TE Internal #: 2178474-2

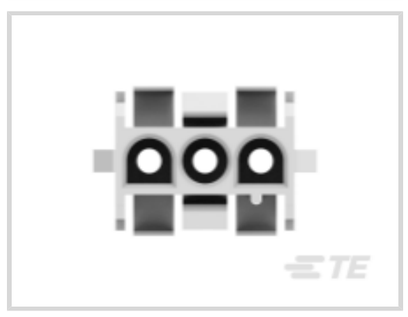
3 Position, Cap, Housing, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-0, 6.35 mm [.25 in] Centerline, 1 Row, 600 VAC, Universal MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Cap**

Termination Method to Wire & Cable: **Crimp**

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

Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Panel, 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	Pin

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Patch & Tabs
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
Housing Material	GWT, Nylon 6/6, PA 66

Dimensions

Panel Thickness (Recommended)	.76 – 2.29 mm[.03 – .09 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °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-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

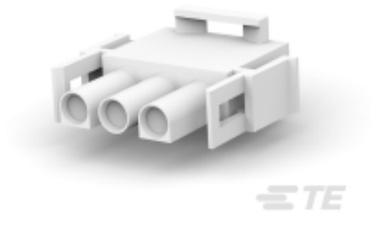
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials 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 reviewed for solder process capability

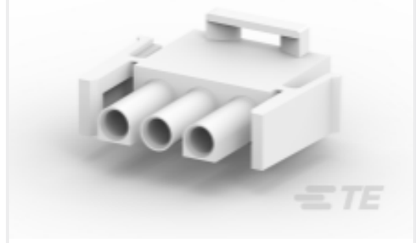
Product Compliance Disclaimer

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

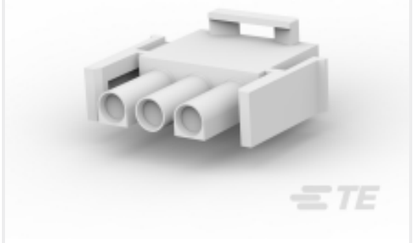
Compatible Parts



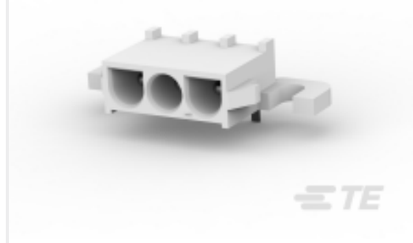
TE Part # 1241809-2
UMNL ST-SOCK,A-P 3P



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



TE Part # 1586847-1
03P UMNL PLUG HSG, GW



TE Part # 1586892-1
03P UMNL HDR ASSY R/A, GW



TE Part # 969326-1
UMNL BU-GEH 3P



TE Part # 794901-1
03P UMNL HI TEMP PLUG HSG

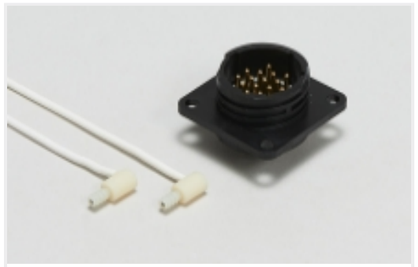


TE Part # 1586377-1
03P UMNL PLUG HSG NATL



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

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



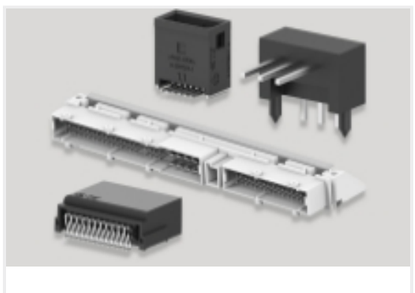
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



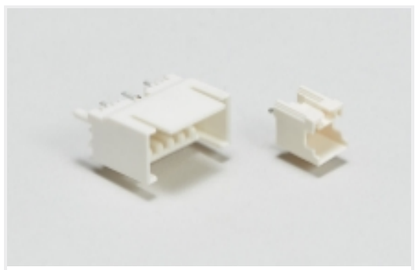
PCB Headers & Receptacles(285)



Rectangular Power Connectors(642)

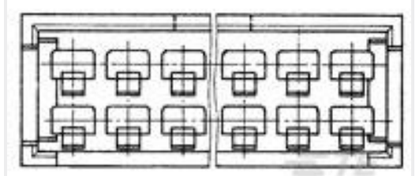


Standard Circular Connectors(1)



Wire-to-Board Headers & Receptacles (285)

Customers Also Bought



TE Part #280640
MOD II HSG



TE Part #293008-5
3 POS. FASTIN-FASTON CONN. TAB HOUSING R



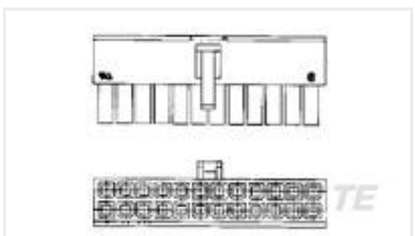
TE Part #293041-1
FF 250 TAB 0.35-1.0MM2 BR



TE Part #293350-1
AMPMODU MOD I REC HOUSING-PA66-black



TE Part #926885-1
UNIV.M-N-L.PIN



TE Part #1586765-2
2P RCPT VAL-U-LOK GW



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



TE Part #1-1863005-2
UMNL 12 WAY PLUG HOUSING



TE Part #2005250-2
PDL 3P CAP 3.96 P/M(GWT) RED



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

Documents

Product Drawings

3POS UMNL CAP HSG V0 GW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2178474-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2178474-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2178474-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Glow Wire, V-0 Universal MATE-N-LOK Connector Housings Flyer

English

Product Specifications

Product Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English