1586849-1 ✔ ACTIVE

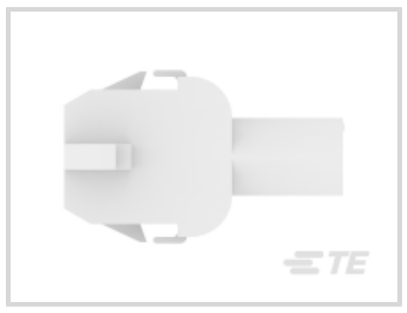
MATE-N-LOK | Universal MATE-N-LOK

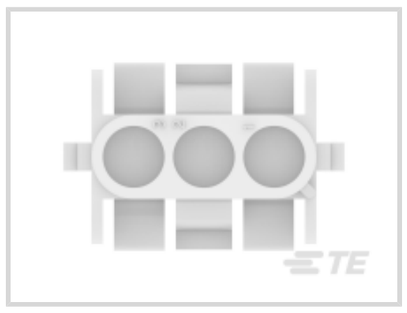
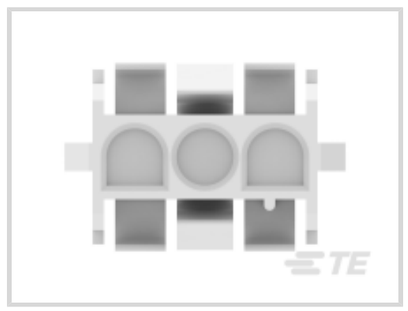
TE Internal #: 1586849-1

3 Position, Cap, Housing, Crimp, Wire-to-Panel / 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: **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	Latches
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
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 # 770018-1
03P UMNLII IN-LNE PLUG HSG KIT



TE Part # 1586843-1
01P UMNL CAP HSG NATL, GW



TE Part # 1-350766-8
03P UMNL V0 PLUG HSG GRAY



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



TE Part # 2029397-1
03P UMNL PIN HDR ASY 94VO NODH



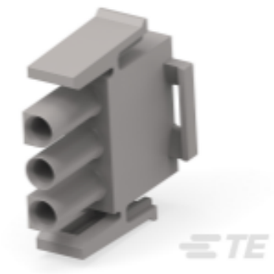
TE Part # 350789-3
03P UMNL PIN HDR ASSY 94VO



TE Part # 1586892-3
03P UMNL HDR ASSY R/A, GW V0



TE Part # 1-480700-0
03P UMNL PLUG HSG NATL



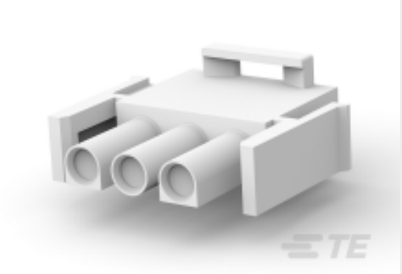
TE Part # 1-480700-8
03P UMNL PLUG HSG GRY



TE Part # 1-480700-9
03P UMNL PLUG HSG BLK



TE Part # 1-480700-5
03P UMNL PLUG HSG GRN



TE Part # 350766-1
03P UMNL PLUG HSG



TE Part # 350790-1
03P UMNL PIN HDR ASSY 94VO



TE Part # 350832-4
03P UMNL HDR ASSY PC 94VO LF



TE Part # 3-350943-0
03P UMNL HDR ASSY R/A 94VO LF



TE Part # 1586845-1
04P UMNL CAP HSG NATL, GW



TE Part # 643414-1
03P UMNL HDR ASSY POL 94VO



TE Part # 1-480700-3
03P UMNL PLUG HSG ORNG

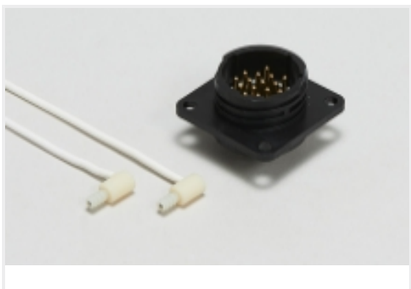


TE Part # 2178473-3
3POS UMNL PLUG HSG GW



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

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



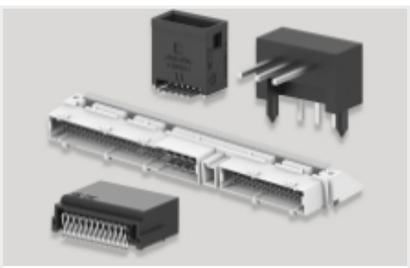
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



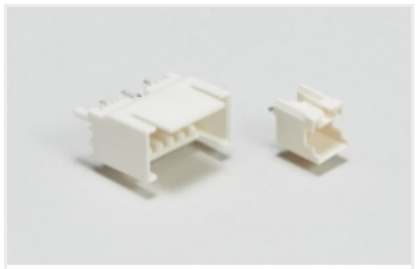
PCB Headers & Receptacles(285)



Rectangular Power Connectors(644)

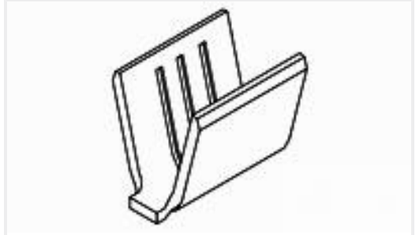


Standard Circular Connectors(1)



Wire-to-Board Headers & Receptacles (285)

Customers Also Bought



TE Part #40868
SPLICE 2500-4700 CMA TPBR



TE Part #521225-2
ULTRA-POD 187 ASSY REC 20-16 AWG TPBR

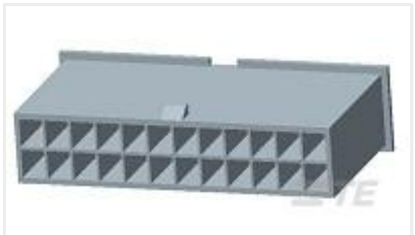


TE Part #CAT-104MTA-NGPMR
Nylon Gold Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100

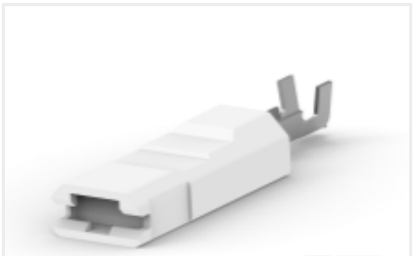
TE Part #794992-1
03P UMNL BLACK INTERFACE SEAL



TE Part #1586856-1
02P UMNL CAP HSG, GW



TE Part #2296206-8
8P FH PLUG VAL-U-LOK FH GWT/V0



TE Part #520988-3
ULTRA-POD 250 ASSY REC 22-18 AWG TPBR

Documents

Product Drawings

03P UMNL CAP HSG NATL, GW

English

CAD Files

Customer View Model

ENG_CVM_1586849-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1586849-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1586849-1_A.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English