1586856-1 ✔ ACTIVE

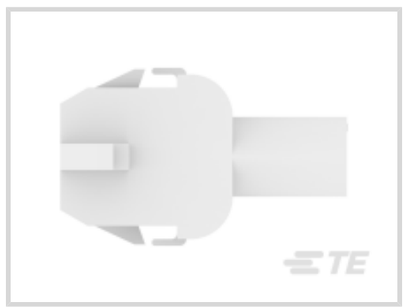
MATE-N-LOK | Universal MATE-N-LOK

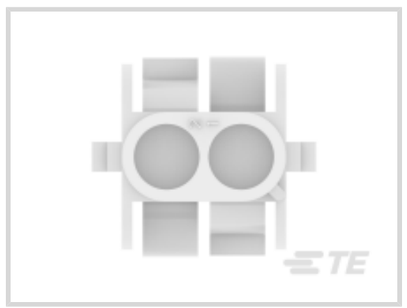
TE Internal #: 1586856-1

2 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	2
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[.03 – .09 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	4000
Packaging Method	Bag

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



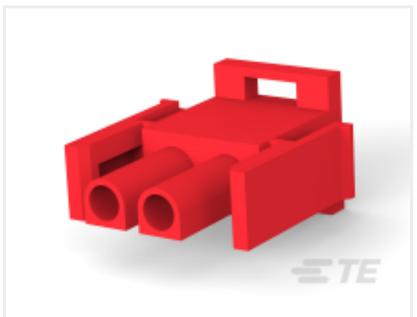
TE Part # 1-1703062-2
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



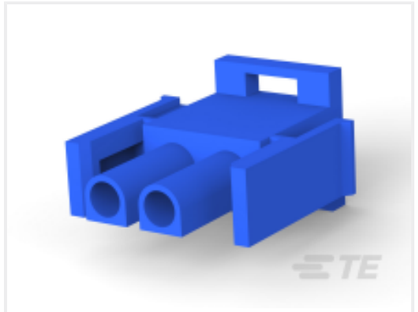
TE Part # 1-1703061-2
PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



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



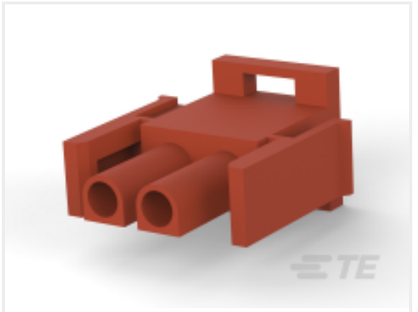
TE Part # 1-480698-2
02P UMNL PLUG HSG RED



TE Part # 1-480698-6
02P UMNL PLUG HSG BLU



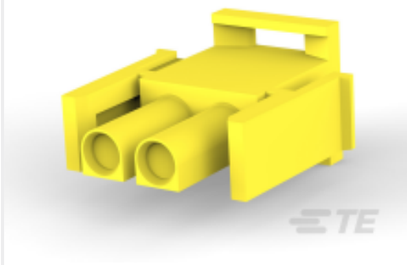
TE Part # 1-350777-8
02P UMNL V0 PLUG HSG GRAY



TE Part # 1-480698-1
02P UMNL PLUG HSG BRN



TE Part # 1-350777-3
02P UMNL V0 PLUG HSG ORANGE



TE Part # 1-350777-4
02P UMNL V0 PLUG HSG YELLOW



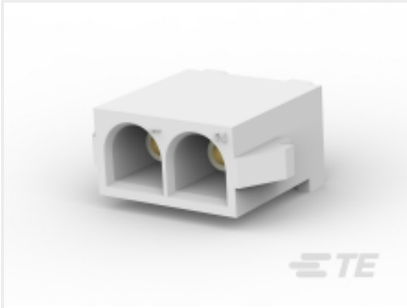
TE Part # 643226-1
02P UMNL HDR ASSY R/A 94VO



TE Part # 641964-1
02P UMNL PIN HDR ASSY POL 94VO



TE Part # 350582-1
02P UMNL PIN HDR ASSY V2 NATL



TE Part # 350759-5
02P UMNL HDR ASSY PC V2 LF



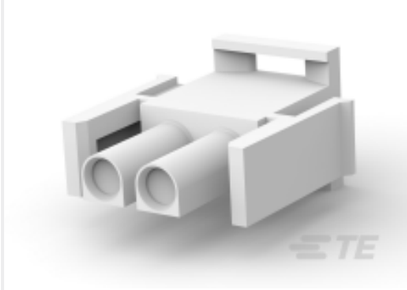
TE Part # 350786-3
02P UMNL HDR ASSY AU 94VO



TE Part # 350824-1
02P UMNL HDR ASSY PC 94VO



TE Part # 794814-1
02P UMNL PLUG HSG,HI TEMP



TE Part # 350777-4
02P UMNL PLUG HSG UL94V0



TE Part # 350986-4
02P UMNL HDR ASSY LNG/TL

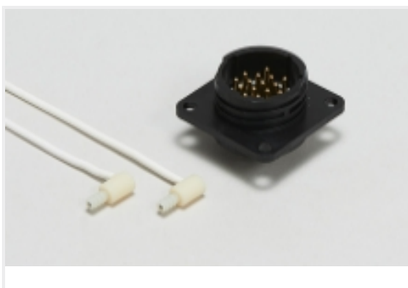


TE Part # 350824-4
02P UMNL HDR ASSY PC LF



TE Part # 1586702-1
02P UMNL PLUG HSG NATL LEAD IN

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



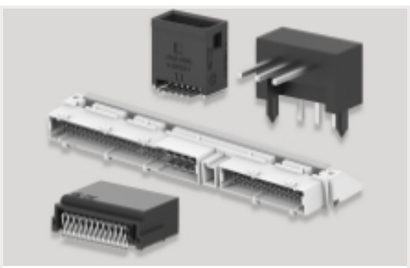
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



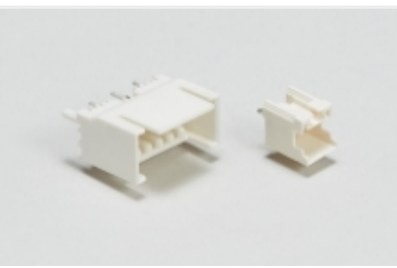
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(285)

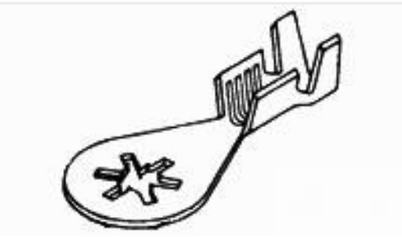


Rectangular Power Connectors(642)

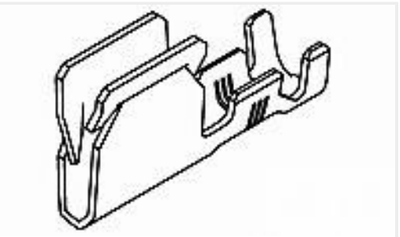


Wire-to-Board Headers & Receptacles (285)

Customers Also Bought



TE Part #63482-1
RING 18-14 AWG TPSTL



TE Part #63895-1
GROUND CLIP 14-18AWG ST



TE Part #3-177899-1
POWER DBL LOCK PLUG HSG 3P



TE Part #350851-1
UMNL SOK 24-18 PTPBR



TE Part #794272-1
03P UMNL WIRE SEAL

TE Part #794991-1
02P UMNL BLACK INTERFACE SEAL



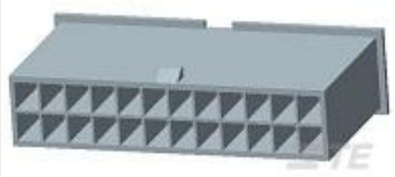
TE Part #1586849-1
03P UMNL CAP HSG NATL, GW



TE Part #1586851-1
02P UMNL PLUG HSG, GW



TE Part #5-1971773-3
PTL 1X3 PLUG HSG HIGH TEMP KEY A LGR



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

Documents

Product Drawings

02P UMNL CAP HSG, GW

English

CAD Files

Customer View Model

ENG_CVM_1586856-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1586856-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1586856-1_A.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English

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English

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