1863003-1 ✔ ACTIVE

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

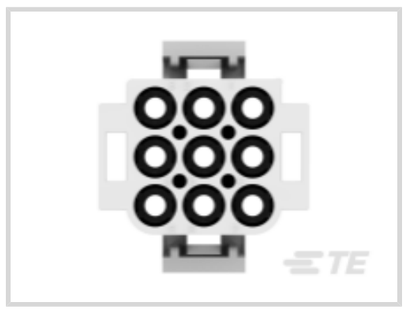
TE Internal #: 1863003-1

9 Position, Plug, Housing, Crimp, Wire-to-Board, UL 94V-2, 6.35 mm [.25 in] Centerline, 3 Row, 600 VAC, Wire & Cable, Universal MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors




Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Contact Retention Within Housing: **Without**

UL Flammability Rating: **UL 94V-2**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Natural

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
Housing Material	PA 6

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	With

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-2
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Quantity	1300
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 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 # 1-794761-8
09P UMNL CAP HSG,P/MT,V0,GRAY



TE Part # 770028-1
09P UMNLII IN-LINE CAP HSG KIT



TE Part # 794715-1
09P UMNL CAP HSG NATL,PAN MNT



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



TE Part # 1-350782-9
09P UMNL V0 CAP HSG BLACK



TE Part # 1-480707-2
09P UMNL CAP HSG RED



TE Part # 1586853-1
09P UMNL CAP HSG, GW



TE Part # 1586844-1
09P UMNL PLUG HSG NATL, GW



TE Part # 350720-1
09P UMNL PLUG HSG



TE Part # 794761-1
09P UMNL CAP HSG WHTE,P/MT,V0



TE Part # 1-794761-9
09P UMNL CAP HSG,P/MT,V0,BLACK



TE Part # 1969882-1
09P UMNL CAP HSG, P/M, GW V0



TE Part # 1-794761-6
09P UMNL CAP HSG,P/MT,V0,BLUE



TE Part # 1863007-1
15P UMNL PLUG HSG



TE Part # 1-794761-2
09P UMNL CAP HSG,P/MT,V0,RED



TE Part # 1-480707-9
09P UMNL CAP HSG BLK



TE Part # 2029299-1
9 POS UMNL CAP W/LARGE FLANGE-V0



TE Part # 2029315-1
09P UMNL CAP HSG 150C-RED



TE Part # 1-350720-5
09P UMNL V0 PLUG HSG GREEN



TE Part # 1-480707-0
09P UMNL CAP HSG NATL

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



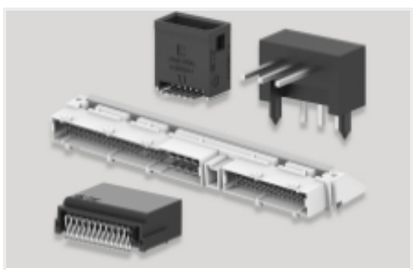
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



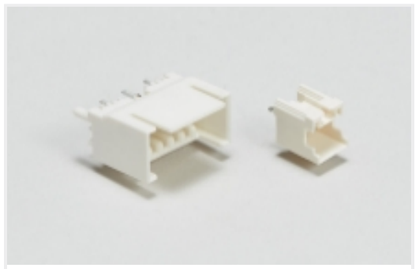
PCB Headers & Receptacles(285)



Rectangular Power Connectors(642)



Standard Circular Connectors(1)



Wire-to-Board Headers & Receptacles (285)

Customers Also Bought



TE Part #BSA880F0885055A000
917 PLUG, SPEEDTEC



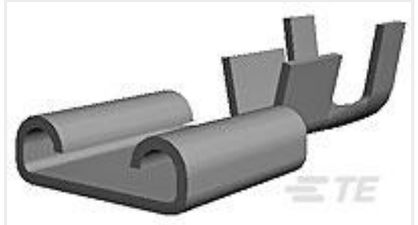
TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #177908-1
POWER DBL LOCK CAP HSG P/M 4P



TE Part #2-178288-3
DYNAMIC D3100 REC HSG 3P (SGL) Y



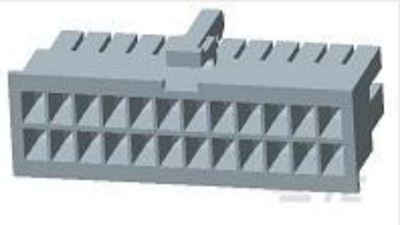
TE Part #280001-9
250 FASTON,REC.,14-17 AWG,TPBR



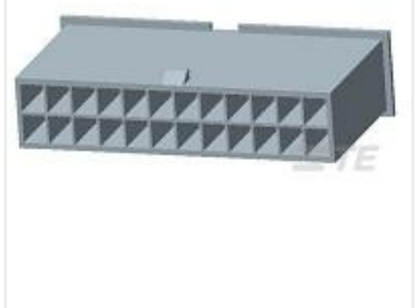
TE Part #1-1318117-3
DYNAMIC D-2100 TAB HSG 3P F/H



TE Part #1617148-4
JMGAPD-26M = M39016/18-030M



TE Part #1969603-4
4P RCPT VAL-U-LOK GW



TE Part #1969604-4
4P FH PLUG VAL-U-LOK FH GW

Documents

Product Drawings

09P UMNL PLUG HSG

English

CAD Files

Customer View Model

ENG_CVM_CVM_1863003-1_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1863003-1_B1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1863003-1_B1.3d_igs.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English