1969799-1 ✔ ACTIVE

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

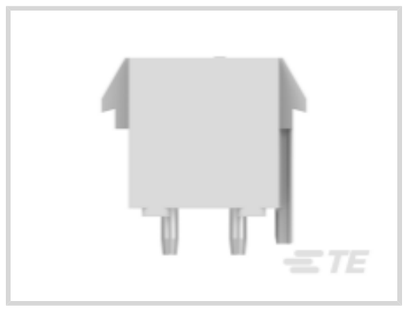
TE Internal #: 1969799-1

Universal MATE-N-LOK, Rectangular Power Connectors, Header, Plug, Wire-to-Board, 2 Position, 6.35mm [.25in] Centerline, Printed Circuit Board

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors




Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	2
PCB Mount Orientation	Vertical
Number of Power Positions	2
Number of Rows	1

Contact Features

Contact Current Rating (Max)	12 A
Contact Retention Within Housing	Without
Contact Type	Pin

PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

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

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power

Identification Marking

Circuit Identification Feature	With

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Method	Box

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 643412-1
02P UMNL HDR ASSY POL 94VO



TE Part # 1969803-1
03P UMNL PIN HDR ASSY NATL, PIN V0 GW



TE Part # 1969807-1
04P UMNL PIN HDR ASSY, PIN V0 GW



TE Part # 1969814-1
06P UMNL PIN HDR ASSY, PIN V0 GW



TE Part # 1969818-1
09P UMNL PIN HDR ASSY NATL, PIN V0 GW



TE Part # 1969798-1
02P UMNL PIN HDR ASSY NATL, PIN V0 GW



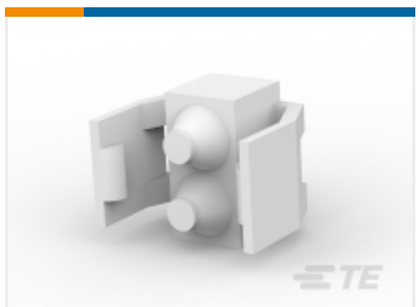
TE Part # 1969809-1
05P UMNL PIN HDR ASSY, PIN V0 GW



TE Part # 1969805-1
04P UMNL HDR ASSY R/A, PIN V0 GW



TE Part # 1969795-1
02P UMNL HDR ASSY SCKT V0 GW



TE Part # 643250-1
02P UMNL ASSY MOD HSG V0



TE Part # 1586137-1
02P UMNL PIN HDR POL NAT NDH



TE Part # 1969796-1
02P UMNL HDR ASSY R/A, PIN V0 GW

Also in the Series | Universal MATE-N-LOK



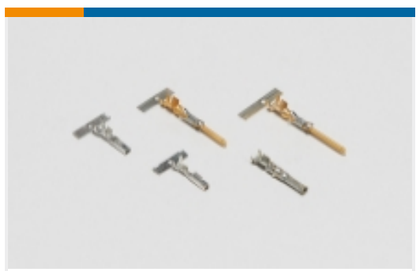
Circular Power Connectors(2)



Connector Contacts(11)



Insertion & Extraction Tools(4)



Power Contacts(207)



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(725)

Customers Also Bought



TE Part #1445336-1
LOOSE PC CONTACT TIN PLATED



TE Part #172167-1
4 CIR UNIV M-N-L PLUG



TE Part #1825423-1
TRD23N10QC04 rocker switch



TE Part #1969807-1
04P UMNL PIN HDR ASSY, PIN V0 GW



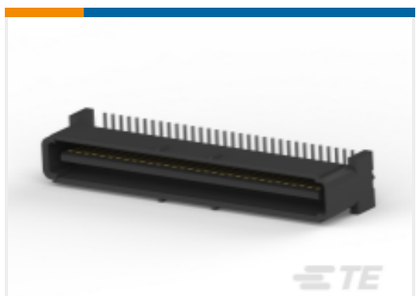
TE Part #1-499923-2
AMP-LATCH UNIVERSAL HEADERS



TE Part #WM-2SB
DEUTSCH DTM WEDGELOCKS



TE Part #1060-20-0144
DEUTSCH STAMPED & FORMED CONTACTS



TE Part #120525-1
Free Height Plug Connector: Board-Board, Vertical, 64, 1mm



TE Part #1734774-7
PCI EXP 3.1L 64 POS BLK G/F



TE Part #1735284-4
SATA BACKPLANE RECEPTACLE, VERTICAL, SMT

Documents

Product Drawings

02P UMNL PIN HDR ASSY POL, PIN V0 GW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969799-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969799-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969799-1_A.3d_stp.zip

English

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Agency Approvals

VDE Certificate

English