1903747-1 ✔ ACTIVE

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

TE Internal #: 1903747-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 2 Position, 4.14 mm [.162 in] Centerline, Wire & Cable, UL 94V-2, Mini-Universal MATE-N-LOK

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors







Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

Centerline (Pitch): **4.14 mm [.162 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	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

Contact Features

Multiple Contact Types	Without
Contact Layout	Inline
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)	4.14 mm[.162 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Dimensions

Connector Height	5.6 mm
Product Width	10.8 mm
Product Length	23.7 mm

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	CSA
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1000
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 170362-1
UNIV M-N-L SOC. 22-18 AWG



TE Part # 170359-1
UNIV M-N-L PIN 26-22 AWG



TE Part # 170361-1
UNIV M-N-L SOC. 26-22 AWG



TE Part # 170360-1
UNIV M-N-L PIN 22-18 AWG

Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(89)



Connector Hardware(4)



Connector Seals & Cavity Plugs(17)



Connector Strain Relief(2)



Insertion & Extraction Tools(1)



Rectangular Power Connectors(197)

Customers Also Bought



TE Part # 5088450-5
PULL LOOP, CUT LENGTH .88 IN



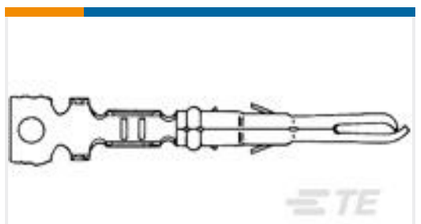
TE Part # 2199230-4
M.2 0.5PITCH 4.2H KEY E 15U'' AU



TE Part # 1586534-2
04P CMNL HDR ASSY SHORT LF



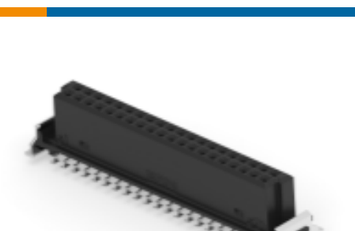
TE Part # 2-1445055-9
MICRO MNL HDR ASSY S/ROW LF



TE Part # 350036-1
.058 DIA PIN L/P



TE Part # 2029102-3
3P MICRO MNL RCPT SR SIDE WHT



TE Part # 204632-E
SMCB 40 F AB VV 7-13 CL * H007 137 E002



TE Part # 354081-E
SMCQ 40 F AB VV 7-03 CL * 0007 137 E002

TE Part # 166066-E
IDCCS SMC 1,27 26 * AU AUI 50 PVC

Documents

Product Drawings

MINI UMNL GWT 2P PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1903747-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1903747-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1903747-1_C.3d_stp.zip

English

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

Product Specifications

Application Specification

English