1-1644055-3 ✔ ACTIVE

Universal MATE-N-LOK

TE Internal #: 1-1644055-3

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 6 Position, 6.35 mm [.25 in] Centerline, Wire & Cable, UL 94V-0, 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: **6**

Centerline (Pitch): **6.35 mm [.25 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	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Natural
Housing Material	PA 66

Dimensions

Connector Height	13.97 mm[.55 in]
Product Width	27.43 mm[1.079 in]
Product Length	20.32 mm[.8 in]
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

Industry Standards

CSA Rating	LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, VDE
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1586846-1
06P UMNL PLUG HSG NATL, GW

TE Part # 1-480704-9
06P UMNL PLUG HSG BLK

TE Part # 350715-1
06P UMNL PLUG HSG

TE Part # 1-480704-0
06P UMNL PLUG HSG NATL

TE Part # 1-1644055-2
UMNL 6 WAY PLUG HOUSING

TE Part # 794096-1
06P UMNL PLUG

TE Part # 1969779-1
6POS UMNL W/ INTERFACE & WIRE SEAL

TE Part # 794816-1
06P UMNL PLUG,VO

TE Part # 927712-3
6P UN-MNL STECKGEH

TE Part # 493462-1
UMNL 14 POSN PIN

Also in the Series | Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Caps & Covers(34)

Connector Contacts(209)

Connector Hardware(12)

Connector Seals & Cavity Plugs(27)

Connector Strain Relief(7)

Insertion & Extraction Tools(4)

Rectangular Connector Housings(1)

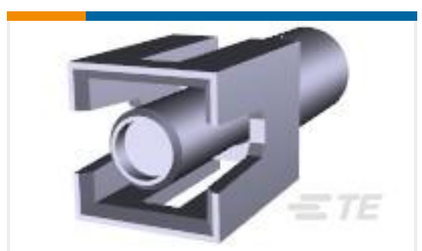
Rectangular Power Connectors(671)

Standard Circular Connectors(1)

Customers Also Bought

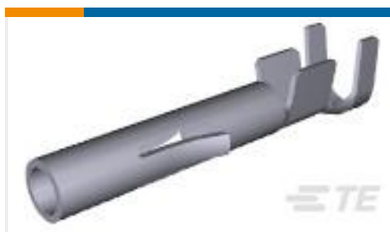
TE Part #1571999-6
ADP0404=PIANO DIP SWITCH

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



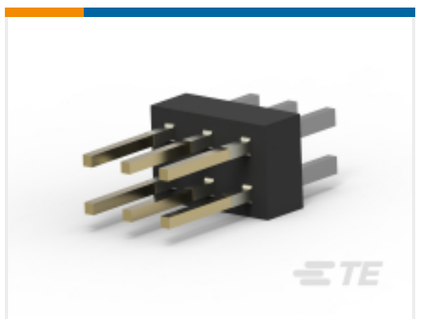
TE Part #350866-1
01P UMNL CAP HSG

TE Part #350865-1
01P UMNL PLUG HSG



TE Part #350536-1
UMNL SOK 20-14 .0126 PTPBR

TE Part #350566-3
MINI AMP-IN 22-18 PTPBR



TE Part #215447-3
2X 3P MOD2 STIFTLEI

TE Part #CP3289-000
FLDWC0311-24-3

TE Part #1-1372172-9
CURVE PLATE

TE Part #1372327-6
CUTTING PUNCH

Documents

Product Drawings

06P UMNL PLUG HSG GWEPT-V0 WINDOW LATCH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1644055-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1644055-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1644055-3_A.3d_stp.zip

English

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Product Specifications

Application Specification

English