1-1969614-2 ✔ ACTIVE

VAL-U-LOK

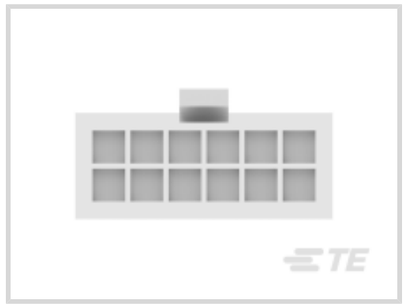
TE Internal #: 1-1969614-2

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire, 12 Position, 4.2 mm [.165 in] Centerline, Wire & Cable, UL 94V-0

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors




Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **12**

Centerline (Pitch): **4.2 mm [.165 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Contact Retention Within Housing	Without
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	4.2 mm[.165 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Dimensions

Connector Height	11.7 mm[.461 in]
Product Width	19.8 mm[.779 in]
Product Length	26.4 mm[1.039 in]
Row-to-Row Spacing	4.2 mm[.165 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

CSA Rating	208567
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	500
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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

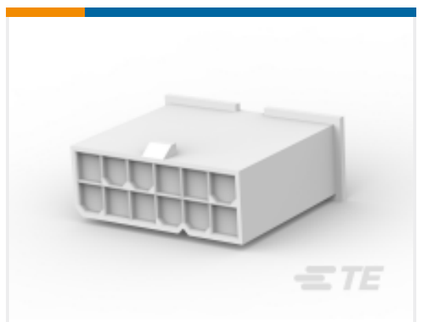
Product Compliance Disclaimer

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 # 1-1969613-2
12P PM PLUG VAL-U-LOK V0



TE Part # 1-1969612-2
12P FH PLUG VAL-U-LOK V0



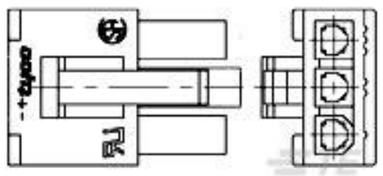
TE Part # 1-1586018-2
12P PM PLUG VAL-U-LOK V0



TE Part # 1-1586017-2
12P FH PLUG VAL-U-LOK V0

TE Part # 1-2029035-2
12P PLUG VAL-U-LOK PM V0 BLK

Customers Also Bought



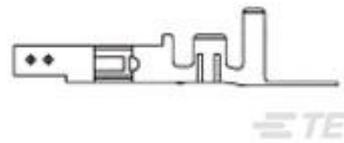
TE Part # 1586106-3
3P RCPT VAL-U-LOK SR V0



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



TE Part # 3-350566-1
MINI AMP-IN 22-18 PTLP/PHBZ



TE Part # 1586315-3
VAL-U-LOK SKT PHBZ SN 24-18 LP



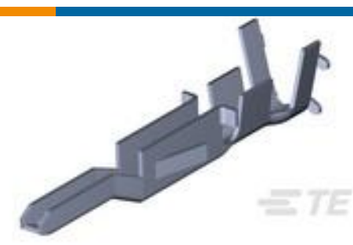
TE Part # 6-1879335-5
CPF 0603 100R 1% 50PPM 1K RL



TE Part # CJ4552-000
D-141-30-LF



TE Part # 2321924-6
RECEPTACLE HOUSING FREE HANGING 6PIN



TE Part # 2238020-1
VAL-U-LOK PIN BR TN 22-18 LP



TE Part # 2238021-1
VAL-U-LOK SKT BR SN 22-18 LP

Documents

Product Drawings

12P RCPT VAL-U-LOK V0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1969614-2_A_c-1-1969614-2-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1969614-2_A_c-1-1969614-2-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1969614-2_A_c-1-1969614-2-a.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773730-3 VAL-U-LOK Connectors with TPA Flyer

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English