

VAL-U-LOK

TE Internal #: 1969604-6

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 6 Position, 4.2 mm [.165 in] Centerline, Wire & Cable, UL 94V-2, GWT

750°C (Without Flame)

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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): 4.2 mm [.165 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	Pin



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	White
Housing Material	Polyamide
Dimensions	
Connector Height	9.6 mm[.378 in]
Product Width	23.8 mm[.937 in]
Product Length	13.8 mm[.543 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	
Industry Standards CSA Rating	208567
	208567 Recognized
CSA Rating	
CSA Rating UL Rating	Recognized
CSA Rating UL Rating Agency/Standard	Recognized CSA, UL
CSA Rating UL Rating Agency/Standard Approved Standards	Recognized CSA, UL UL E28476
CSA Rating UL Rating Agency/Standard Approved Standards UL Flammability Rating	Recognized CSA, UL UL E28476 UL 94V-2
CSA Rating UL Rating Agency/Standard Approved Standards UL Flammability Rating Glow Wire Rating	Recognized CSA, UL UL E28476 UL 94V-2

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





Customers Also Bought





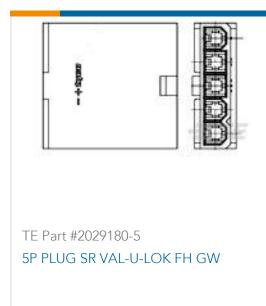
















Documents

Product Drawings

6P FH PLUG VAL-U-LOK FH GW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969604-6_A_c-1969604-6-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969604-6_A_c-1969604-6-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969604-6_A_c-1969604-6-a.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

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

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 6 Position, 4.2 mm [.165 in] Centerline, Wire & Cable, UL 94V-2, GWT 750°C (Without Flame)



English