1-1969604-6 - ACTIVE

VAL-U-LOK

TE Internal #: 1-1969604-6

Housing, Plug, Crimp, Wire-to-Wire, UL 94V-2, 16 Position, 4.2 mm [.

165 in] Centerline, 2 Row, 600 VAC, Rectangular Wire & Cable

Connectors & Housings

View on TE.com >



Connectors > Rectangular Connectors > Standard Rectangular Connectors











Connector Product Type: Housing
Connector & Housing Type: Plug

Termination Method to Wire & Cable: Crimp

Connector System: Wire-to-Wire

Contact Retention Within Housing: Without

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	16
Number of Rows	2
Electrical Characteristics	
Operating Voltage	600 VAC
Body Features	
Primary Product Color	White

Contact Features



Contact Type	Pin
Contact Potention Within Housing	Without
Contact Retention Within Housing	vvitriout
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Polyamide
Centerline (Pitch)	4.2 mm[.165 in]
Dimensions	
Row-to-Row Spacing	4.2 mm[.165 in]
Connector Width	23.8 mm[.937 in]
Connector Height	9.6 mm[.378 in]
Connector Length	34.8 mm[1.37 in]
Jsage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
ndustry Standards	
Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	208567
Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-2
Packaging Features	
Packaging Quantity	500
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>

Directive 2011/65/EU Compliant	
Directive 2011/03/EU	



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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

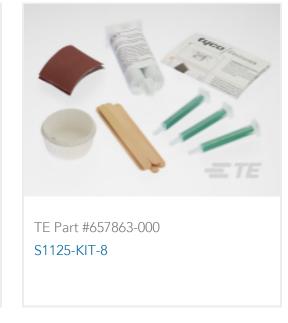
Compatible Parts





Customers Also Bought



















Documents

Product Drawings

16P FH PLUG VAL-U-LOK FH GW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1969604-6_A_c-1-1969604-6-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1969604-6_A_c-1-1969604-6-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1969604-6_A_c-1-1969604-6-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

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English