# 2-1969605-4 ACTIVE

#### VAL-U-LOK

TE Internal #: 2-1969605-4

Housing, Plug, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-2, 24 Position, 4.2 mm [.165 in] Centerline, 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-Panel, Wire-to-Wire

Contact Retention Within Housing: Without

## Features

### **Product Type Features**

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	24
Number of Rows	2
Electrical Characteristics	
Operating Voltage	600 VAC
Body Features	
Primary Product Color	White

**Contact Features** 



Contact Type	Pin
Contact Retention Within Housing	Without
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Connector Mounting Type	Panel Mount
Housing Features	
Housing Material	Polyamide
Centerline (Pitch)	4.2 mm[.165 in]
Dimensions	
Row-to-Row Spacing	4.2 mm[.165 in]
Connector Width	23.9 mm[.94 in]
Connector Height	11.6 mm[.457 in]
Connector Length	51.6 mm[2.031 in]
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry 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	400
Packaging Method	Bag

## **Product Compliance**

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

EU RoHS Directive 2011/65/EU Compliant
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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: JAN 2025 (247) 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

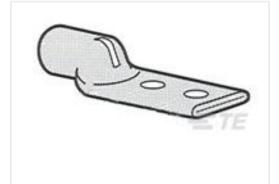












TE Part #55992-1
TERMINAL,AMPOWER R 2/0 5/16



120MM2 - FXP









### **Documents**

### **Product Drawings**

24P PM PLUG VAL-U-LOK PM GW

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2-1969605-4\_A\_c-2-1969605-4-a.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1969605-4\_A\_c-2-1969605-4-a.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1969605-4\_A\_c-2-1969605-4-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.)

Housing, Plug, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-2, 24 Position, 4.2 mm [. 165 in] Centerline, Rectangular Wire & Cable Connectors & Housings



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