

1969605-4  ACTIVE

## VAL-U-LOK

TE Internal #: 1969605-4

Rectangular Power Connectors, Housing, Plug, Wire-to-Panel /  
Wire-to-Wire, 4 Position, 4.2 mm [.165 in] Centerline, Wire & Cable,  
UL 94V-2

[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-Panel, Wire-to-Wire**

Number of Positions: **4**

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

## Features

### Product Type Features

Rectangular Power Connector 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	4
Number of Rows	2

### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features

Contact Retention Within Housing	Without
Contact Type	Pin

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Connector Mounting Type	Panel Mount
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### Housing Features

Centerline (Pitch)	4.2 mm [.165 in]
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Housing Color	White
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Housing Material	Polyamide
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### Dimensions

Connector Height	11.6 mm [.457 in]
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Product Width	23.9 mm [.94 in]
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Product Length	9.6 mm [.378 in]
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Row-to-Row Spacing	4.2 mm [.165 in]
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### Usage Conditions

Operating Temperature Range	-40 - 105 °C [-40 - 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

CSA Rating	208567
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UL Rating	Recognized
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Compatible With Agency/Standards Products	CSA, UL
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Compatible With Approved Standards Products	UL E28476
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UL Flammability Rating	UL 94V-2
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Glow Wire Rating	GWT 750°C (Without Flame)
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### Packaging Features

Packaging Quantity	500
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Packaging Method	Package
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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

Not Low Halogen - contains Br or Cl &gt; 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 # 1586039-4  
4P VAL-U-LOK VRT HDR W/P V2

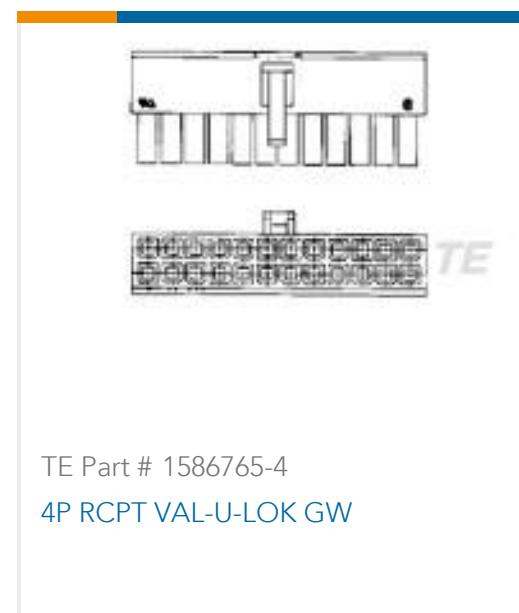


TE Part # 1969603-4  
4P RCPT VAL-U-LOK GW

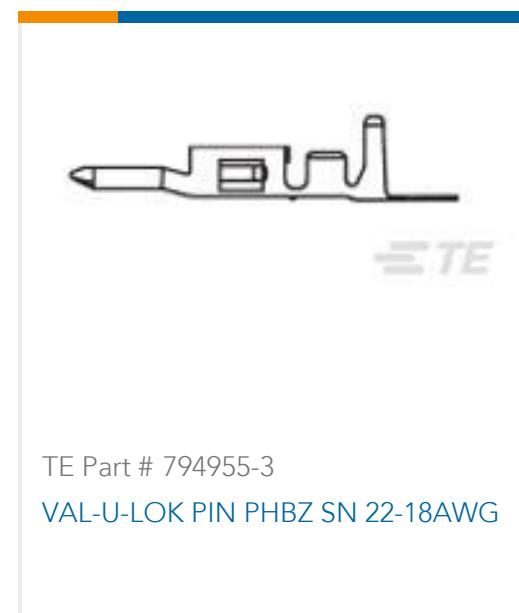
## Customers Also Bought



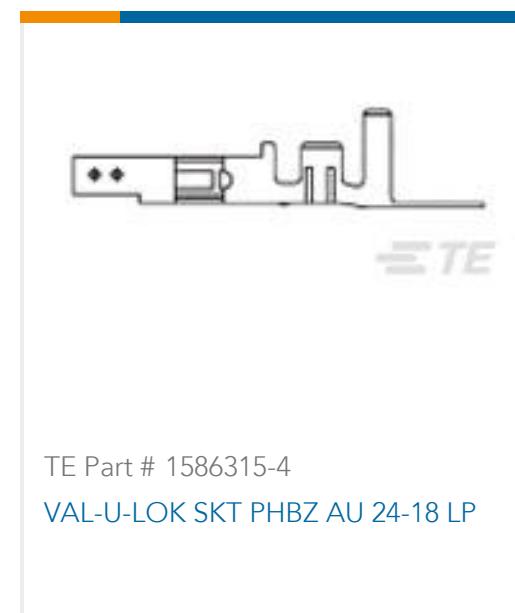
TE Part # 5-6609107-1  
PSOS0DSX0=C1107



TE Part # 1586765-4  
4P RCPT VAL-U-LOK GW



TE Part # 794955-3  
VAL-U-LOK PIN PHBZ SN 22-18AWG



TE Part # 1586315-4  
VAL-U-LOK SKT PHBZ AU 24-18 LP

TE Part # 1969603-4  
4P RCPT VAL-U-LOK GWTE Part # 2120958-1  
M8 MALE SOCKET WITH WIRES, 0.25  
SQMMTE Part # T4110402041-000  
M12,FEMALE,STRAIGHT,B CODE,4P,  
PG9,GOLDTE Part # 947679-1  
HE-14 P.G.HANDTOOL

## Documents

### Product Drawings

#### 4P PM PLUG VAL-U-LOK PM GW

English

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### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1969605-4\\_A\\_c-1969605-4-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1969605-4\\_A\\_c-1969605-4-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1969605-4\\_A\\_c-1969605-4-a.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

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

English

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### Product Specifications

#### Application Specification

English

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### Instruction Sheets

#### Instruction Sheet (U.S.)

English