



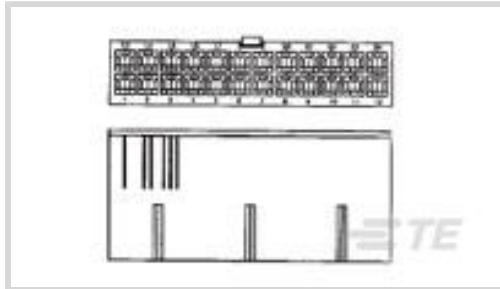
VAL-U-LOK

TE Internal #: 1-1586862-4

Wire-to-Wire, 14 Position, 4.2 mm [.165 in] Centerline, 2 Row, Polyamide, Plug, Pin, Wire & Cable, Power, Rectangular Connector Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **14**

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

Number of Rows: **2**

Housing Material: **Polyamide**

**Features**

**Product Type Features**

Connector System	Wire-to-Wire
Connector & Housing Type	Plug
Sealable	No
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	14
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire
Insertion Force	15 Newton
Number of Signal Positions	14

**Housing Features**

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

**Contact Features**

Contact Type	Pin
Contact Layout	Matrix

**Operation/Application**



Circuit Application	Power
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### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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### Usage Conditions

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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### Electrical Characteristics

Operating Voltage	600 VAC
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### Dimensions

Row-to-Row Spacing	4.2 mm[.165 in]
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Product Width	23.8 mm[.94 in]
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Product Length	30.6 mm[1.204 in]
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Connector Height	9.6 mm[.378 in]
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### Identification Marking

Circuit Identification Feature	With
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### Industry Standards

Compatible With Agency/Standards Products	UL, CSA
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UL Flammability Rating	UL 94V-2
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Compatible With Approved Standards Products	UL E28476
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CSA Rating	208567
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Glow Wire Rating	Glow Wire
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### Packaging Features

Packaging Method	Box
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Packaging Quantity	500
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### 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
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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: JUNE 2024 (241) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 # 1-2296205-4  
14P RCPT VAL-U-LOK GWT/V0



TE Part # 1-2029265-4  
14P VAL-U-LOK VRTHDR W/PGS GW



TE Part # 1-1586765-4  
14P RCPT VAL-U-LOK GW



TE Part # 1-1586768-4  
14P VERT HDR VAL-U-LOK GW

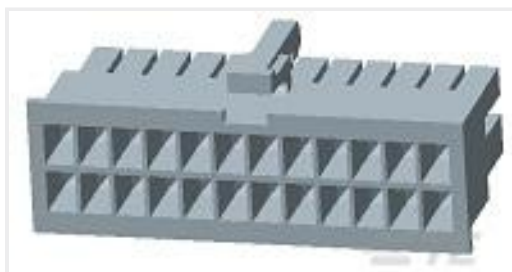


TE Part # 1-1586863-4  
14P VAL-U-LOK R/A HDR GW

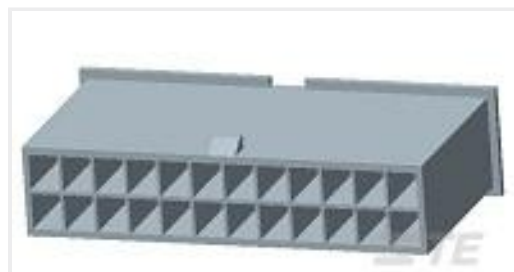


TE Part # 1-2029059-4  
14P VAL-U-LOK VRTHDR W/PGS GW

### Customers Also Bought



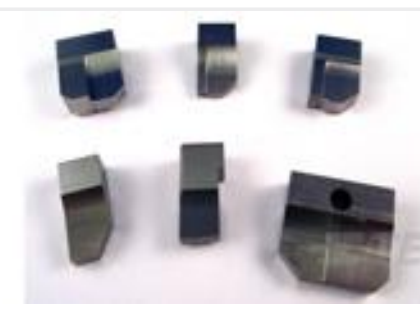
TE Part #1969603-2  
2P RCPT VAL-U-LOK GW



TE Part #1969604-2  
2P FH PLUG VAL-U-LOK FH GW



TE Part #1969604-4  
4P FH PLUG VAL-U-LOK FH GW



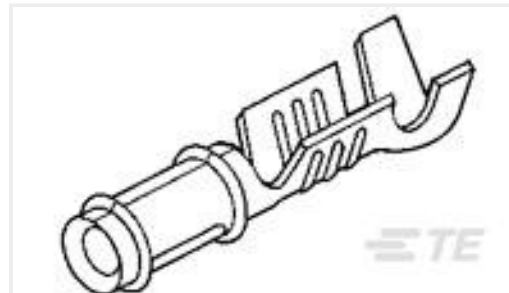
TE Part #2-1633128-9  
ANVIL, COMBINATION .055



TE Part #2-1633965-1  
CRIMPER, INSULATION O PREMIUM



TE Part #3-456402-0  
CRIMPER, WIRE .055" F



TE Part #60598-8  
058 PIN REC 24-20 010GPBECU

## Documents

### Product Drawings

#### 14P FH PLUG VAL-U-LOK FH GW

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1586862-4\\_B\\_c-1-1586862-4-b.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1586862-4\\_B\\_c-1-1586862-4-b.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1586862-4\\_B\\_c-1-1586862-4-b.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### VAL-U-LOK\_GLOW\_WIRE\_CONNECTORS

English

### Product Specifications

#### Application Specification

English

### Agency Approvals

#### VDE Certificate

1-1586862-4

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Wire & Cable, Power, Rectangular Connector Housings



English