

2-2296206-2 ✓ ACTIVE

### VAL-U-LOK

TE Internal #: 2-2296206-2

Wire-to-Wire, 22 Position, 4.2 mm [.165 in] Centerline, 2 Row, Nylon, Plug, Socket, Wire & Cable, Power, Rectangular Connector Housings

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **22**

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

Number of Rows: **2**

Housing Material: **Nylon**

## Features

### Dimensions

Row-to-Row Spacing	4.2 mm [.165 in]
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### Configuration Features

Insertion Force	15 Newton
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Number of Positions	22
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Number of Rows	2
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### Product Type Features

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

Contact Type	Socket
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### Mechanical Attachment

## Connector Mounting Type

## Cable Mount (Free-Hanging)

## Housing Features

Centerline (Pitch)

4.2 mm [.165 in]

Housing Material

Nylon

## Usage Conditions

Operating Temperature Range

-40 – 105 °C [-40 – 221 °F]

## Operation/Application

Circuit Application

Power

## Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024  
(241)  
Candidate List Declared Against: JUNE 2024 (241)  
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



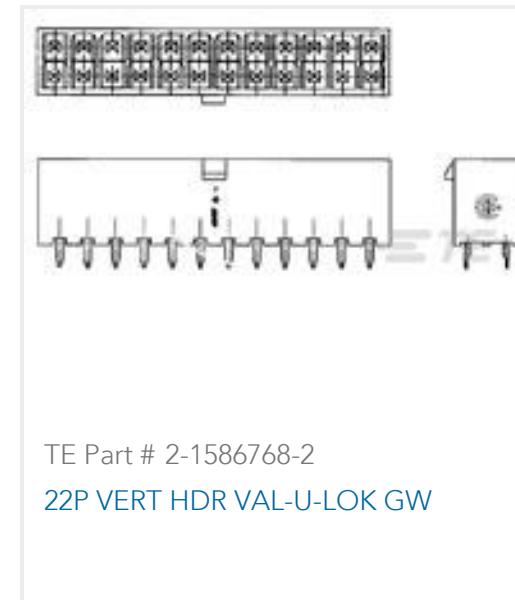
TE Part # 2-1586765-2  
22P RCPT VAL-U-LOK GW



TE Part # 2-2029059-2  
22P VAL-U-LOK VRTHDR W/PGS GW



TE Part # 2-2029265-2  
22P VAL-U-LOK VRTHDR W/PGS GW



TE Part # 2-1586768-2  
22P VERT HDR VAL-U-LOK GW

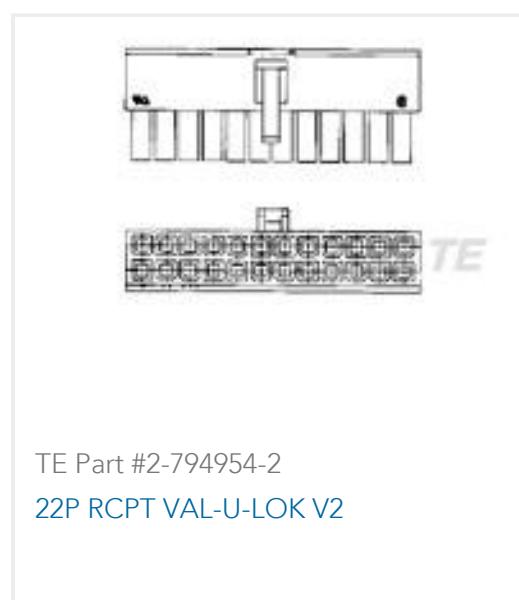


TE Part # 2-2296205-2  
22P RCPT VAL-U-LOK GWT/V0

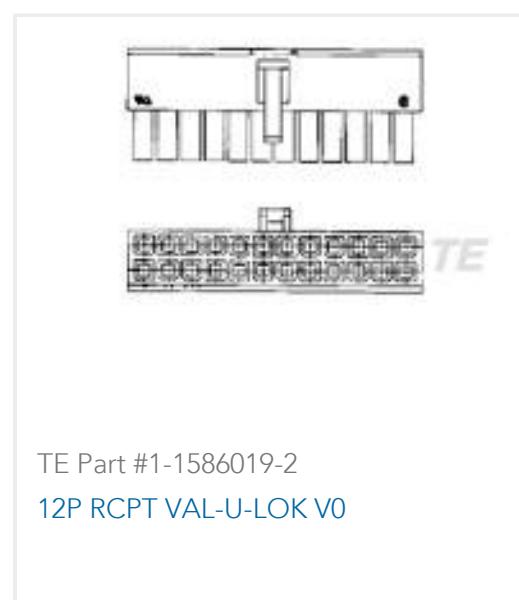


TE Part # 2-1586863-2  
22P VAL-U-LOK R/A HDR GW

## Customers Also Bought



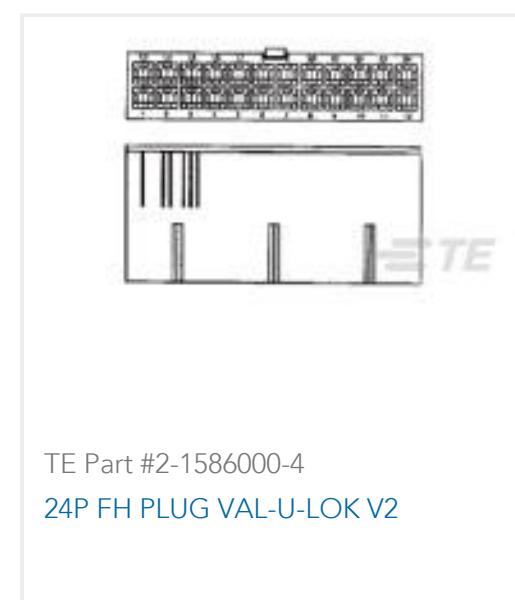
TE Part #2-794954-2  
22P RCPT VAL-U-LOK V2



TE Part #1-1586019-2  
12P RCPT VAL-U-LOK V0



TE Part #2238016-1  
VAL-U-LOK PIN BR SN 18-22AWG



TE Part #2-1586000-4  
24P FH PLUG VAL-U-LOK V2



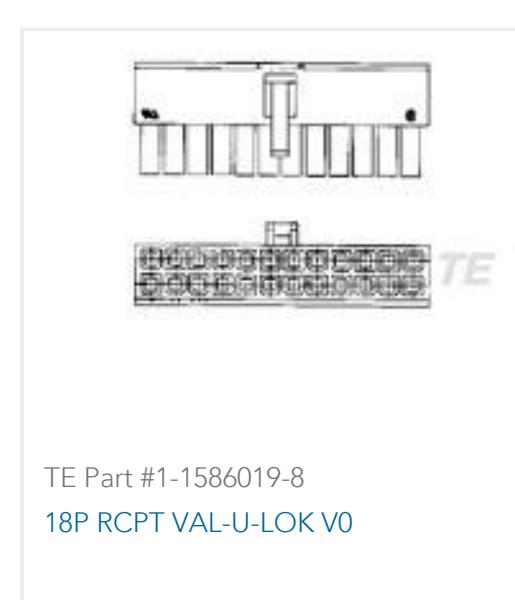
TE Part #794407-4  
MINI UNML SCKT 20-16 AWG SN



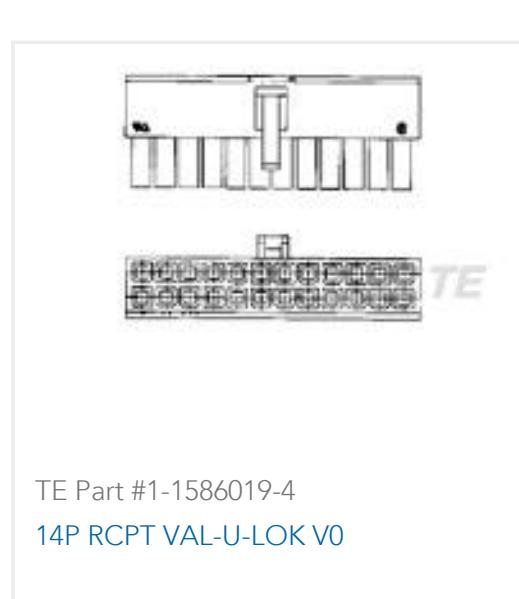
TE Part #1-1969604-2  
12P FH PLUG VAL-U-LOK FH GW



TE Part #2-1586017-0  
20P FH PLUG VAL-U-LOK V0



TE Part #1-1586019-8  
18P RCPT VAL-U-LOK V0



TE Part #1-1586019-4  
14P RCPT VAL-U-LOK V0



TE Part #1-1586000-0  
10P FH PLUG VAL-U-LOK V2

## Documents

### Product Drawings

#### [22P FH PLUG VAL-U-LOK FH GWT/V0](#)

English

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### CAD Files

#### [3D PDF](#)

3D

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_2-2296206-2\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_2-2296206-2\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_2-2296206-2\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

#### [Application Specification](#)

English

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### Agency Approvals

#### [UL Report](#)

English

#### [UL Report](#)

English