# 2-2296206-0 ✔ ACTIVE

VAL-U-LOK

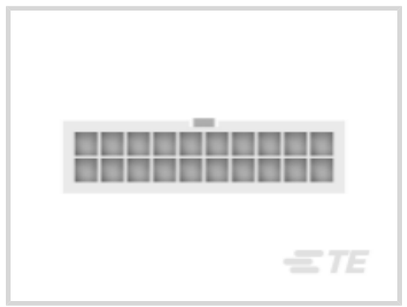
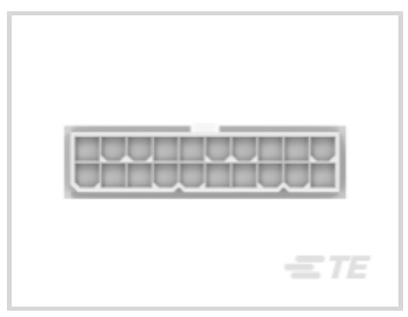
TE Internal #: 2-2296206-0

Housing, Plug, Wire-to-Wire, 20 Position, 4.2 mm [.165 in] Centerline, 2 Row, Wire & Cable, Power, Rectangular Wire & Cable Connectors & Housings

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **20**

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

## 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

| | |
|---|---|
| Insertion Force | 15 Newton |
| Number of Positions | 20 |
| Number of Rows | 2 |

### Contact Features

| | |
|---|---|
| Contact Type | Socket |

### Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Housing Material | Nylon |
| Centerline (Pitch) | 4.2 mm[.165 in] |

## Dimensions

| | |
|---|---|
| Row-to-Row Spacing | 4.2 mm[.165 in] |

## Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Circuit Application | Power |

## Product Compliance

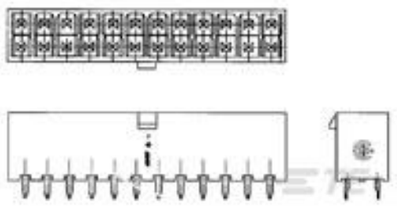
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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 |

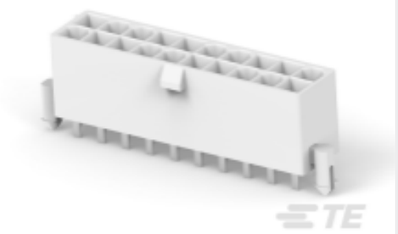
Product Compliance Disclaimer

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

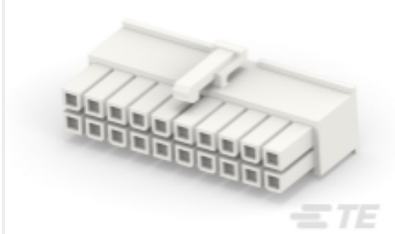
# Compatible Parts



TE Part # 2-1586768-0
20P VERT HDR VAL-U-LOK GW



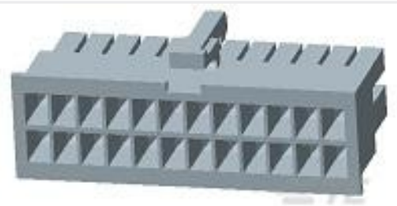
TE Part # 2-2029059-0
20P VAL-U-LOK VRTHDR W/PGS GW



TE Part # 2-1586765-0
20P RCPT VAL-U-LOK GW



TE Part # 2-2029265-0
20P VAL-U-LOK VRTHDR W/PGS GW

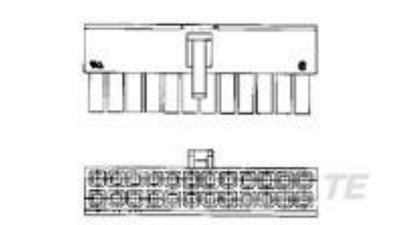


TE Part # 2-2296205-0
20P RCPT VAL-U-LOK GWT/V0

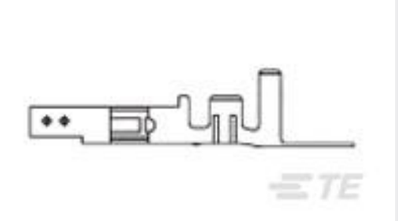


TE Part # 2-1586863-0
20P VAL-U-LOK R/A HDR GW

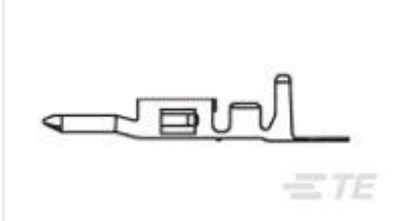
## Customers Also Bought



TE Part #2-1586765-0
20P RCPT VAL-U-LOK GW



TE Part #2238019-1
VAL-U-LOK SKT BR SN 22-26AWG



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

## Documents

### Product Drawings

20P FH PLUG VAL-U-LOK FH GWT/V0

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2296206-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2296206-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2296206-0_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Application Specification

English

## Agency Approvals

### UL Report

English

### UL Report

English

### UL Report

English