# 1-2296206-6 ✔ ACTIVE

VAL-U-LOK

TE Internal #: 1-2296206-6

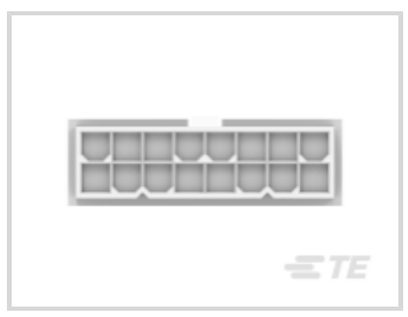
16 Position, Plug, Housing, Wire-to-Wire, 4.2 mm [.165 in] Centerline, 2 Row, Wire & Cable, Power, Cable Mount (Free-Hanging)

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: **16**

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 | 16 |
| Number of Rows | 2 |

### Contact Features

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

### Mechanical Attachment

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

## Housing Features

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

## 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

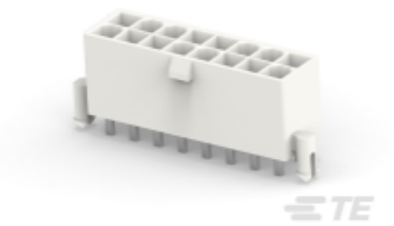
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<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 |

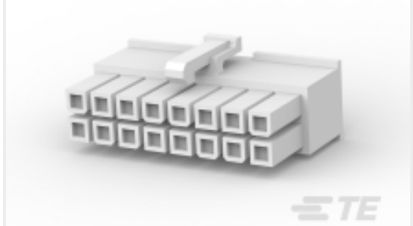
Product Compliance Disclaimer

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

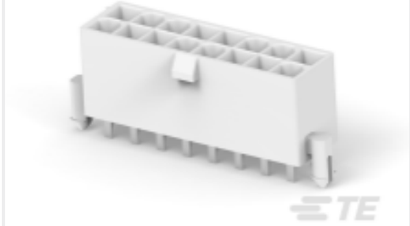
# Compatible Parts



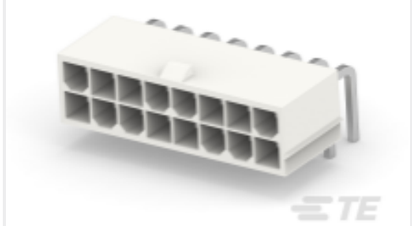
TE Part # 1-2029265-6
16P VAL-U-LOK VRTHDR W/PGS GW



TE Part # 1-1586765-6
16P RCPT VAL-U-LOK GW



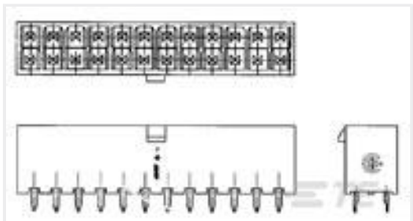
TE Part # 1-2029059-6
16P VAL-U-LOK VRTHDR W/PGS GW



TE Part # 1-1586863-6
16P VAL-U-LOK R/A HDR GW



TE Part # 1-2296205-6
16P RCPT VAL-U-LOK GWT/V0



TE Part # 1-1586768-6
16P VERT HDR VAL-U-LOK GW

## Customers Also Bought



TE Part #CAT-H396-M8649
Lockwashers and Panel Nuts for Deutsch HDP20



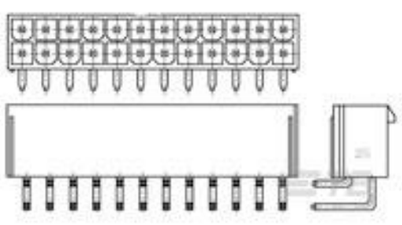
TE Part #33114
TERMINAL,SOLIS R 4 10



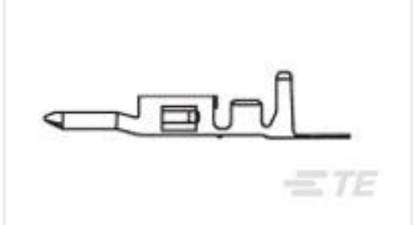
TE Part #33470
TERMINAL,SOLIS R 4 5/16



TE Part #50981
TERMINAL,SOLIS R 16-14 1/2



TE Part #1-1586042-6
16P VAL-U-LOK R/A HDR V0



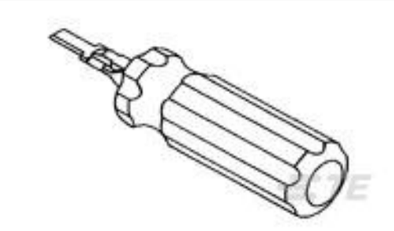
TE Part #1586054-1
VAL-U-LOK PIN BR SN 16AWG



TE Part #2071567-2
ECK150AAAPA



TE Part #2329388-7
PB OFF/ON FC RED M1 TERM RED LED IP68 50



TE Part #1586343-1
VAL-U-LOK EXTRACTION TOOL

## Documents

## Product Drawings

16P FH PLUG VAL-U-LOK FH GWT/V0

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_1-2296206-6_A.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1-2296206-6_A.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1-2296206-6_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

VDE Certificate

English