# 1969599-4 ✔ ACTIVE

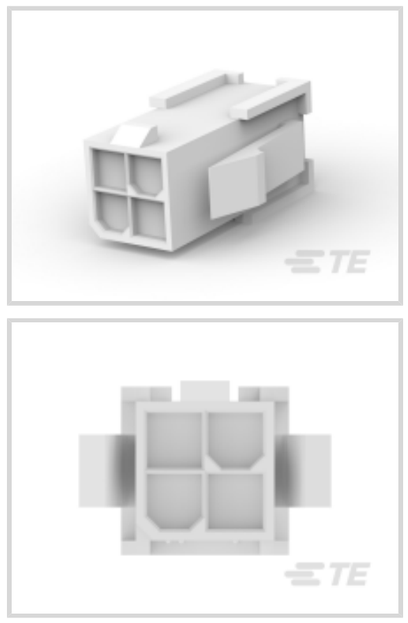
VAL-U-LOK

TE Internal #: 1969599-4

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Panel, 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 |

### Contact Features

| | |
|---|---|
| Contact Retention Within Housing | Without |
| Contact Type | Pin |

## Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |

## Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Panel Mount |

## Housing Features

| | |
|---|---|
| Centerline (Pitch) | 4.2 mm[.165 in] |
| Housing Color | Natural |
| Housing Material | Nylon 6/6 |

## Dimensions

| | |
|---|---|
| Connector Height | 9.6 mm[.378 in] |
| Product Width | 23.9 mm[.94 in] |
| Product Length | 9.6 mm[.378 in] |
| 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 & Signal |

## Industry Standards

| | |
|---|---|
| CSA Rating | 208567 |
| UL Rating | Recognized |
| Agency/Standard | CSA, UL |
| Approved Standards | UL E28476 |
| UL Flammability Rating | UL 94V-2 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 500 |
| Packaging Method | Bag |

# 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 | Not Yet Reviewed |

| | |
|---|---|
| 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 2023 (235)<br>Candidate List Declared Against: JAN 2021 (211)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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



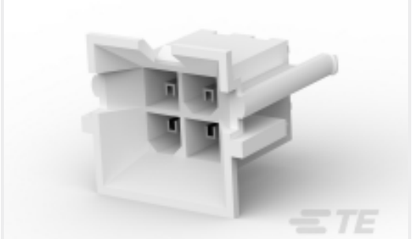
TE Part # 794954-4
4P RCPT VAL-U-LOK V2



TE Part # 1586037-4
4P VERT HDR VAL-U-LOK V2



TE Part # 1586041-4
4P VAL-U-LOK R/A HDR V2



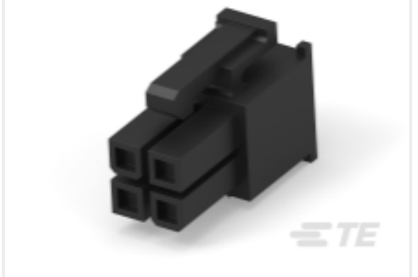
TE Part # 1586586-4
4P VAL-U-LOK BMI VRT HDR V2



TE Part # 1969597-4
4P RCPT VAL-U-LOK V2



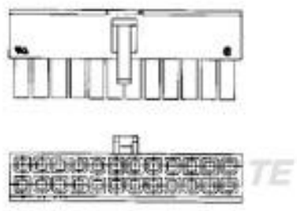
TE Part # 1586043-4
4P VAL-U-LOK R/A HDR SCR MT V2



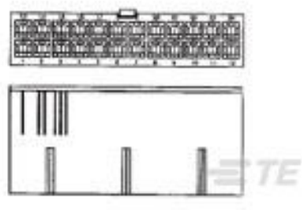
TE Part # 1586075-4
4P RCPT VAL-U-LOK V2 BLK

TE Part # 2415884-4
4P VERT HDR VAL-U-LOK V2

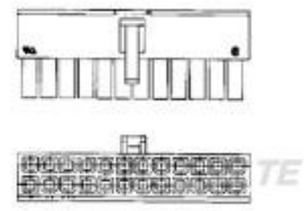
## Customers Also Bought



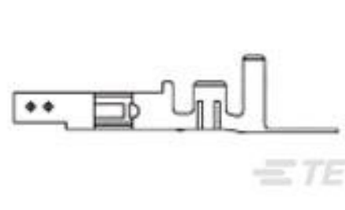
TE Part #2-794954-2
22P RCPT VAL-U-LOK V2



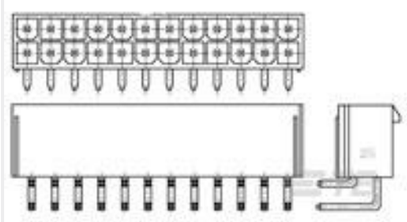
TE Part #1586000-4
4P FH PLUG VAL-U-LOK V2



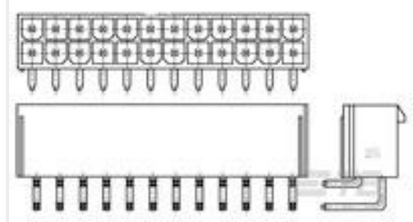
TE Part #794954-8
8P RCPT VAL-U-LOK V2



TE Part #794956-1
VAL-U-LOK SKT BR SN 22-18AWG



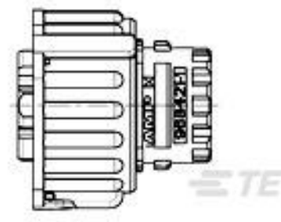
TE Part #1586041-2
2P VAL-U-LOK R/A HDR V2



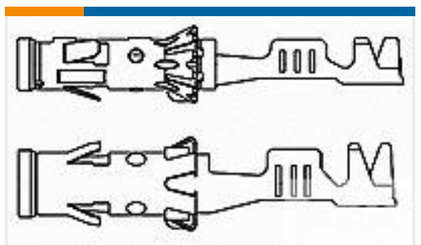
TE Part #1586041-4
4P VAL-U-LOK R/A HDR V2



TE Part #965687-1
FIXING RING



TE Part #967650-2
1,5MM BU-STE KPL 6P



TE Part #929989-1
1,5MM SOCK CONTACT



TE Part #2-1419158-5
GET MALE TERM, B, SN, REREEL

## Documents

### Product Drawings

4P PM PLUG VAL-U-LOK V2

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969599-4_A_c-1969599-4-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969599-4_A_c-1969599-4-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969599-4_A_c-1969599-4-a.3d_stp.zip

English

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

### Datasheets & Catalog Pages

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

English

## Product Specifications

### Application Specification

English

## Instruction Sheets

### Instruction Sheet (U.S.)

English

## Agency Approvals

### UL Report

English