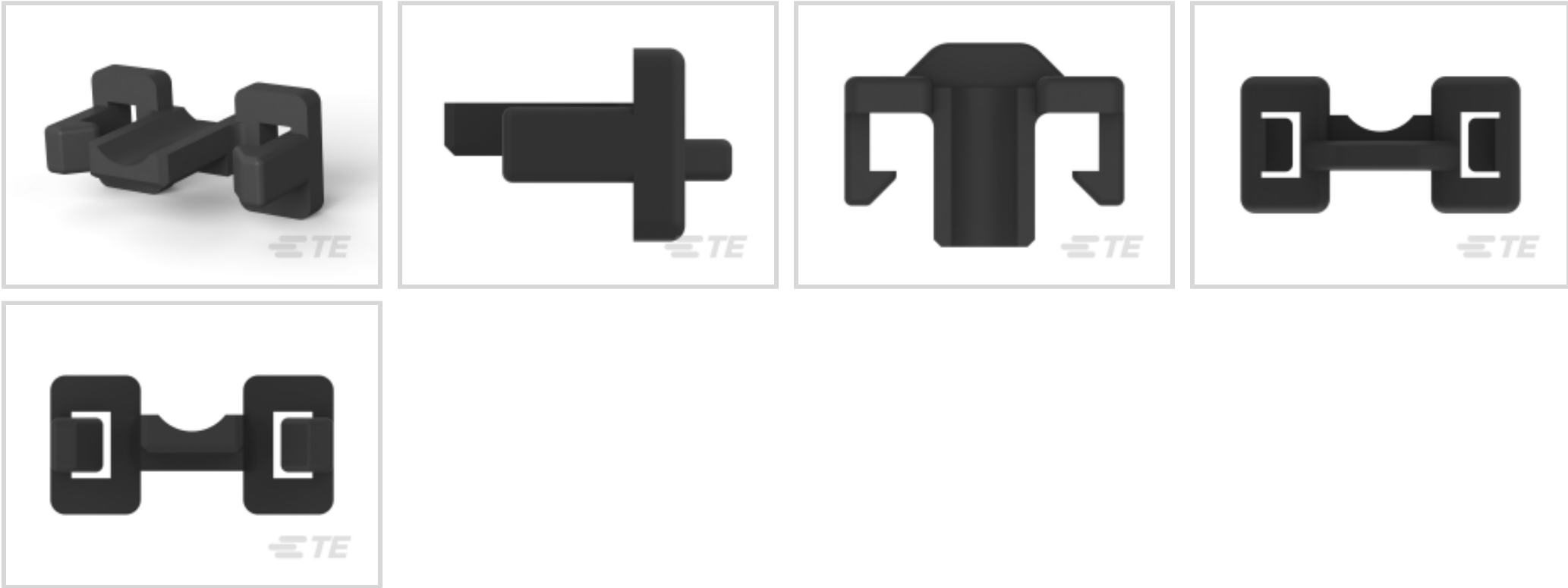




Connectors > Connector Accessories > Connector Hardware



Hardware Accessory Function: **Position Assurance**

Connector Hardware Accessory Type: **TPA (Terminal Position Assurance)**

Number of Positions: **1**

Operating Temperature (Max): **105 °C [ 221 °F ]**

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

Features

Product Type Features

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Hardware Accessory Function       | Position Assurance                |
| Connector Hardware Accessory Type | TPA (Terminal Position Assurance) |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 1 |
|---------------------|---|

Dimensions

|                |                  |
|----------------|------------------|
| Product Width  | 5.4 mm[.213 in]  |
| Product Length | 9.4 mm[.37 in]   |
| Product Height | 4.35 mm[.171 in] |

Usage Conditions

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

Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| Glow Wire Rating       | Standard Part - Not Glow Wire |
| UL Flammability Rating | UL 94V-0                      |

Packaging Features



|                    |         |
|--------------------|---------|
| Packaging Quantity | 12500   |
| Packaging Method   | Bag/Box |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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 # 1969608-3  
3P VAL-U-LOK TPA 22-18 AWG

TE Part # 1969608-5  
5P VAL-U-LOK TPA 22-18 AWG

TE Part # 1969608-6  
6P VAL-U-LOK TPA 22-18 AWG

TE Part # 1-1969608-2  
12P VAL-U-LOK TPA 22-18 AWG





TE Part # 1969608-2  
2P VAL-U-LOK TPA 22-18 AWG



TE Part # 1969608-4  
4P VAL-U-LOK TPA 22-18 AWG



TE Part # 1969608-7  
7P VAL-U-LOK TPA 22-18 AWG



TE Part # 1969608-8  
8P VAL-U-LOK TPA 22-18 AWG



TE Part # 1969608-9  
9P VAL-U-LOK TPA 22-18 AWG



TE Part # 1-1969608-0  
10P VAL-U-LOK TPA 22-18 AWG



TE Part # 1-1969608-1  
11P VAL-U-LOK TPA 22-18 AWG

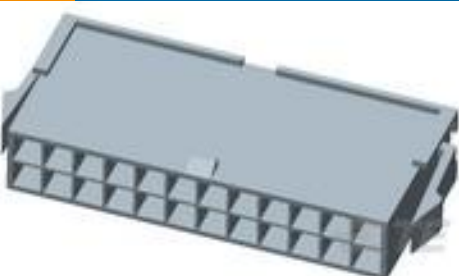


TE Part # 1969609-1  
1P VAL-U-LOK TPA 26-22 AWG

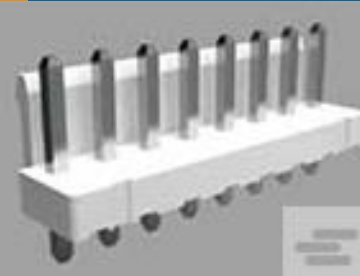
Customers Also Bought



TE Part #1971786-1  
PTL TAB CONTACT, 20 - 24 AWG



TE Part #1969613-4  
4P PM PLUG VAL-U-LOK V0



TE Part #1744037-6  
06P EC PWR.200 CL HDR ASSY VRT



TE Part #1-2132782-2  
12 pos. EP II breakaway retain



TE Part #2238017-1  
VAL-U-LOK SKT BR SN 18-22AWG



TE Part #1-1969443-3  
EP 2.5 TPA Retainer, 13 Pos



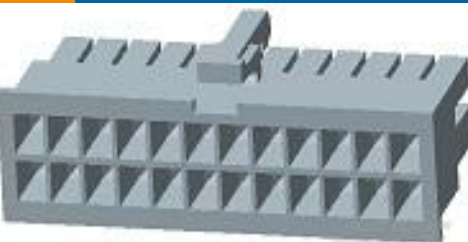
TE Part #521633-2  
ULTRA-POD 250 ASY REC 18-14 AWG TPBR



TE Part #1-1969442-3  
EP 2.5 TPA Housing, 13 Pos



TE Part #521229-1  
PL 250 HOUSING RECEPTACLE  
NYLON 6/6



TE Part #1969614-2  
2P RCPT VAL-U-LOK V0

Documents





Product Drawings

1P VAL-U-LOK TPA 22-18 AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1969608-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1969608-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1969608-1\_C.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