



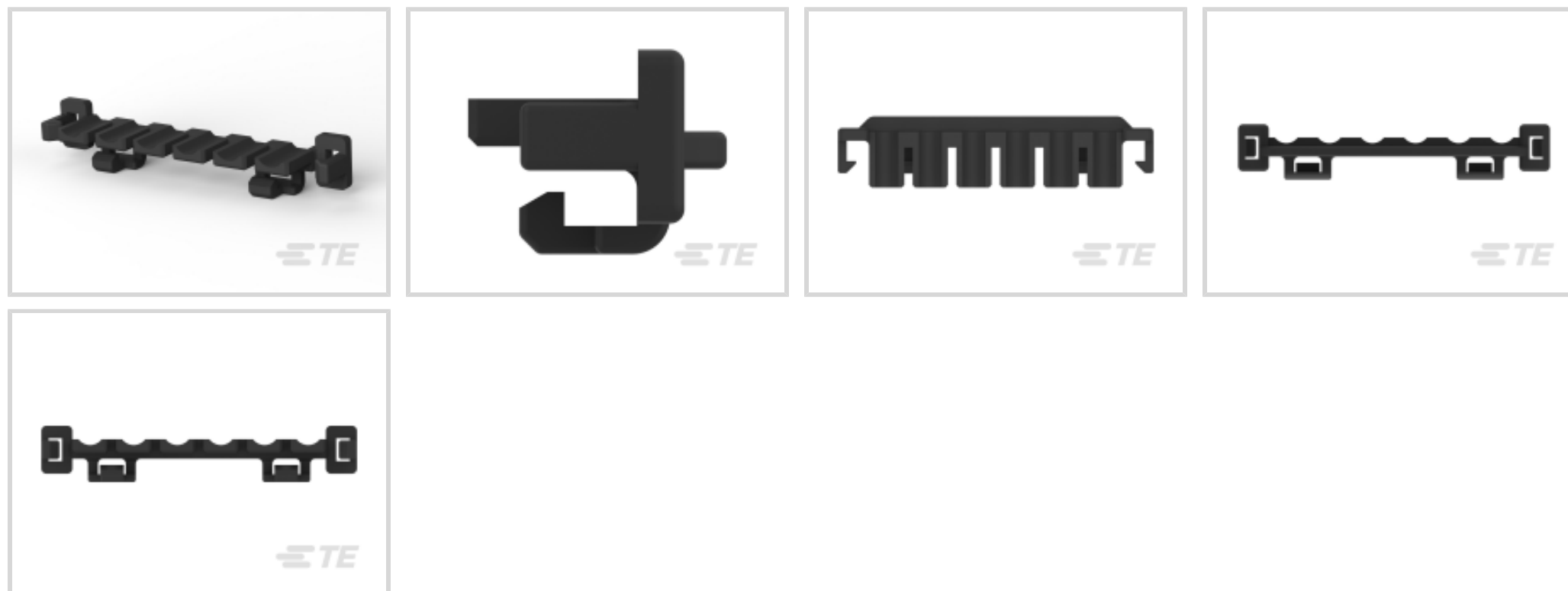
VAL-U-LOK

TE Internal #: 1969608-6

Rectangular Connector Locking, TPA (Terminal Position Assurance),  
6 Position, 4.2mm [.165in] Centerline, UL 94V-0

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Accessories > Locking



Connector & Contact Retention Accessory Type: **TPA (Terminal Position Assurance)**

Number of Positions: **6**

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

UL Flammability Rating: **UL 94V-0**

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

**Features**

**Product Type Features**

Product Type	Accessory
Glow Wire Rating	Standard Part - Not Glow Wire
Connector & Contact Retention Accessory Type	TPA (Terminal Position Assurance)

**Configuration Features**

Number of Positions	6
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**Mechanical Attachment**

Mating Retention Type	Latch
Mating Retention	With
PCB Mount Alignment	Without
PCB Mount Retention	Without

**Housing Features**

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

Height	4.35 mm [.171 in]
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Width	5.4 mm[.213 in]
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Length	30.4 mm[1.197 in]
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Bag/Box
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Packaging Quantity	9000
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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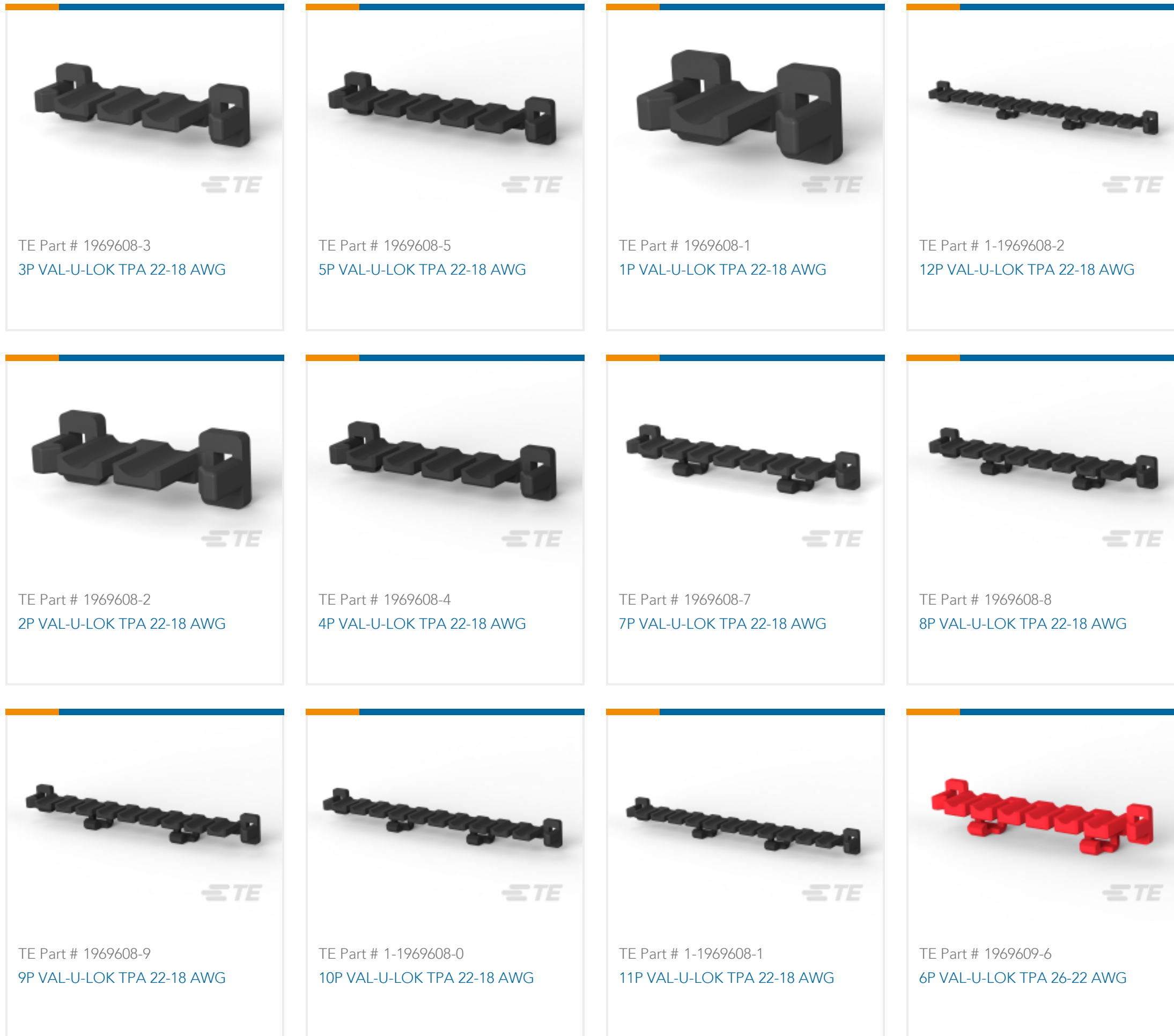
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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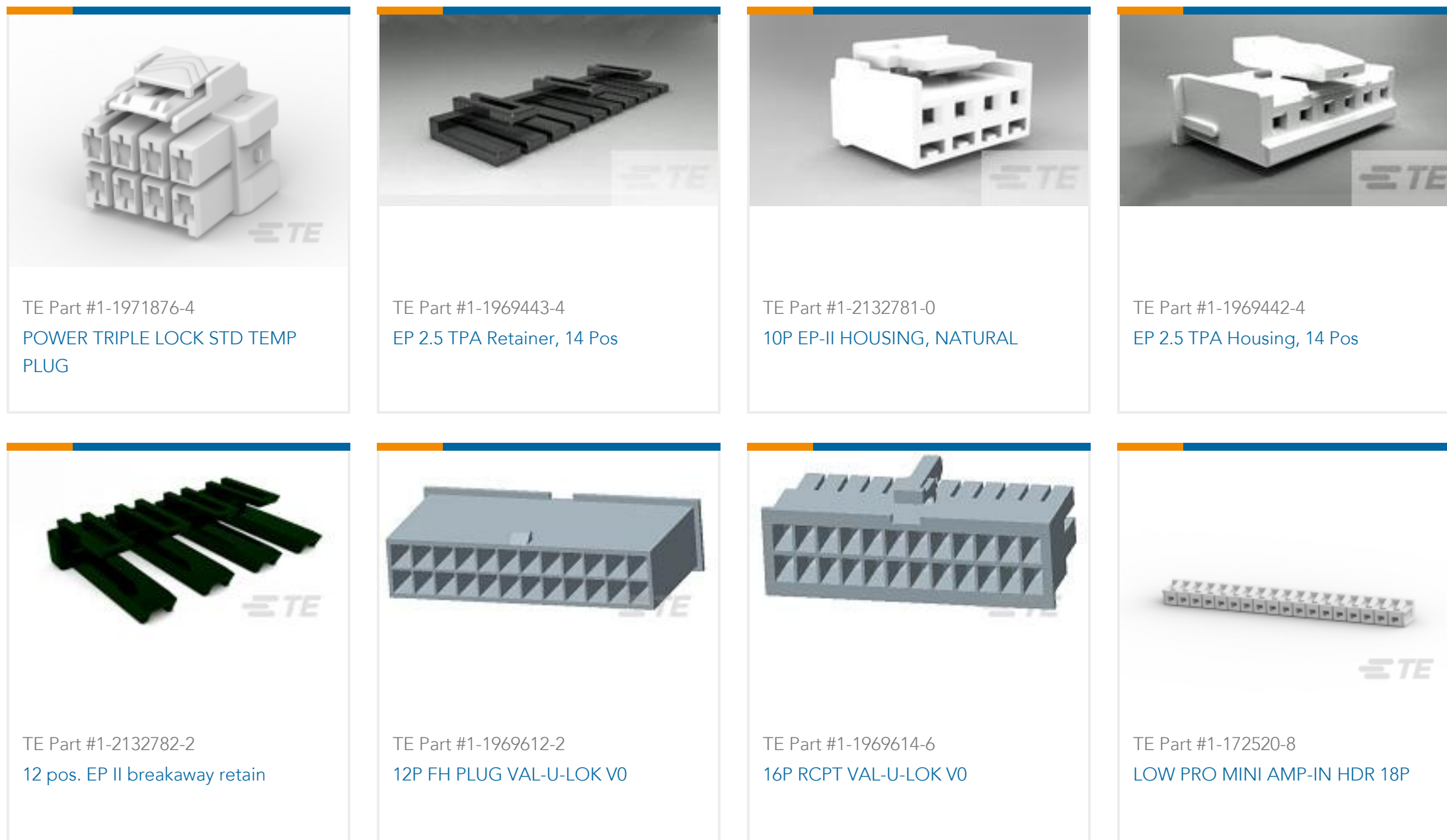
#### Product Compliance Disclaimer

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



### Customers Also Bought





TE Part #1-2133394-2  
187 FASTON HSG.,REC.,1 POS,BLACK



TE Part #881607-1  
FASTON 110 REC 0.5-1.0 MM2 0.25  
X12.30 BR

## Documents

### Product Drawings

#### 6P VAL-U-LOK TPA 22-18 AWG

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1969608-6\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1969608-6\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1969608-6\\_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

### Product Environmental Compliance

#### TE Material Declaration

English