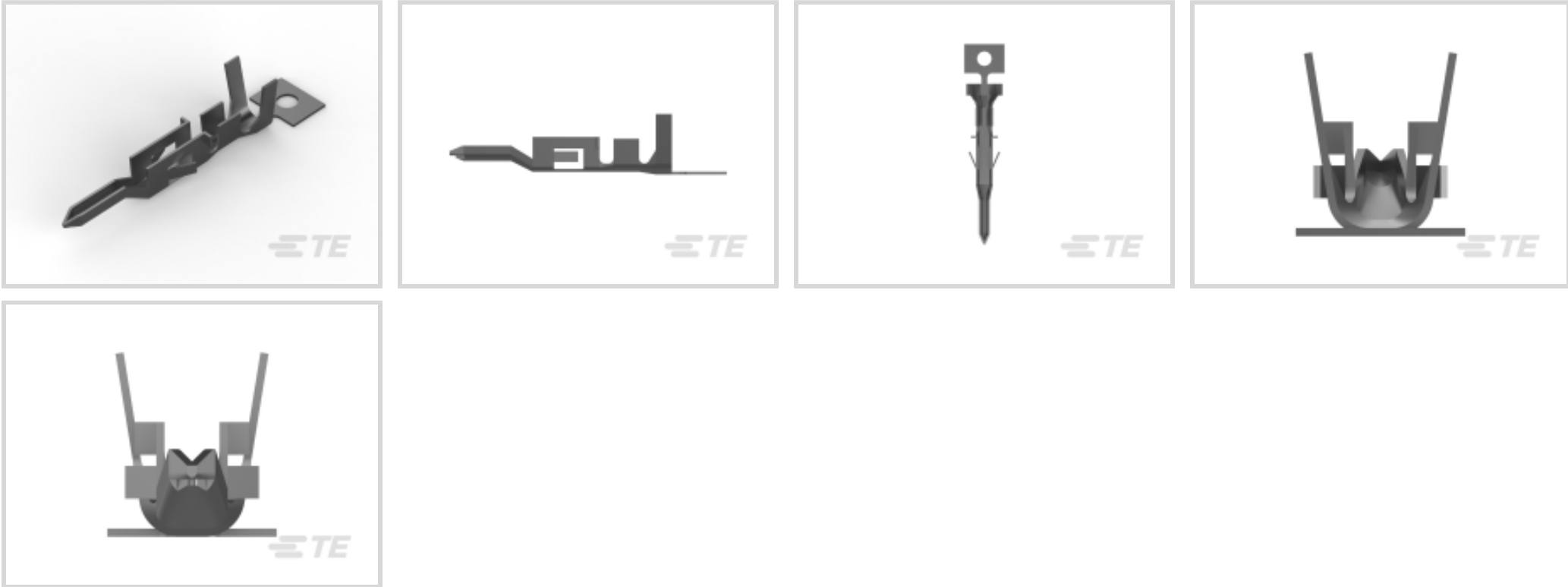




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Tin**  
Wire Contact Termination Area Plating Material: **Pre-Tin**  
Operating Voltage: **600 VAC**  
Contact Retention Within Housing: **With**

Features

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Mating Square Post Dimension                          | 1.14 mm[.045 in] |
| Contact Fabrication                                   | Stamped & Formed |
| Wire Contact Termination Area Plating Thickness       | 2.54 µm[100 µin] |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Contact Orientation                                   | Straight         |
| Contact Type                                          | Pin              |
| Contact Mating Area Plating Material                  | Tin              |
| Wire Contact Termination Area Plating Material        | Pre-Tin          |
| Contact Retention Within Housing                      | With             |
| Contact Base Material                                 | Brass            |
| Contact Current Rating (Max)                          | 9 A              |

Termination Features



|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Compatible Insulation Diameter Range | 1.5 – 2.4 mm[.06 – .094 in] |
| Wire Size                            | .2 – .8 mm²                 |

Usage Conditions

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

Operation/Application

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

Industry Standards

|                                           |         |
|-------------------------------------------|---------|
| Compatible With Agency/Standards Products | CSA, UL |
|-------------------------------------------|---------|

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                   | 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 applicable 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 # 91388-1  
PRO-CRIMPER TOOL & DIE

TE Part # 91388-2  
PRO-CRIMPER DIE(ONLY)

Customers Also Bought

TE Part #1586024-5  
5P S/R FH PLUG VAL-U-LOK V2

TE Part #1586105-3  
3P RCPT VAL-U-LOK SR V2

TE Part #1586000-6  
6P FH PLUG VAL-U-LOK V2

TE Part #794953-2  
2P PM PLUG VAL-U-LOK V2

TE Part #5038112030  
DCPT-12/6-45-STK

TE Part #1-1586019-4  
14P RCPT VAL-U-LOK V0

TE Part #1-1586019-6  
16P RCPT VAL-U-LOK V0

TE Part #1-1586017-6  
16P FH PLUG VAL-U-LOK V0

TE Part #5-87348-2  
02 MODII HDR SRST UNSHRD .100

Documents





Product Drawings

VAL-U-LOK PIN BR TN 22-18 LP

English

CAD Files

Customer View Model

ENG\_CVM\_1586314-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1586314-1\_C.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1586314-1\_C.2d\_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG

English

Product Specifications

Application Specification

English