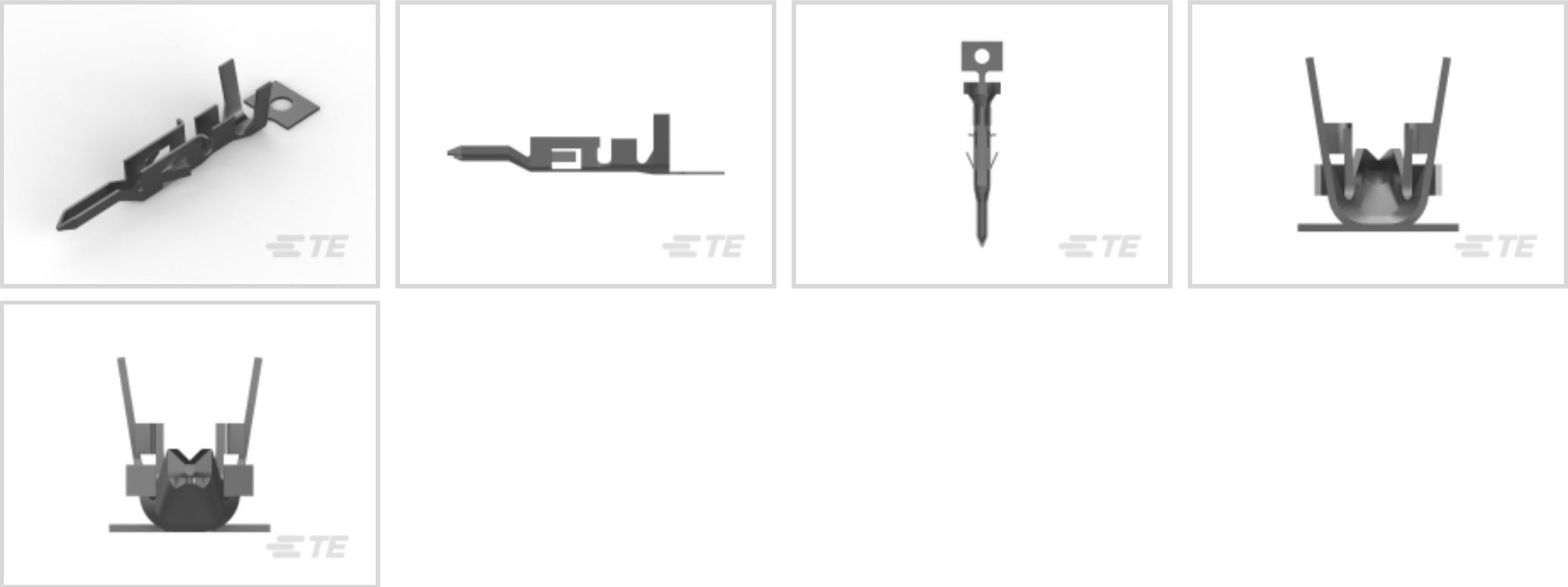




VAL-U-LOK

TE Internal #: 794955-1
Pin Contact, Tin, 600 VAC, 22 - 18 AWG Wire Size, .3 - .82 mm² Wire Size, Crimp, Brass, Power, -40 - 221 °F [-40 - 105 °C]
[View on TE.com >](#)

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
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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 Mating Area Plating Material Thickness	2.54 µm[100 µin]
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
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Dimensions

Compatible Insulation Diameter Range	1.5 - 3.1 mm[.059 - .122 in]
Wire Size	.3 - .82 mm ²

Usage Conditions

Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	VDE
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Packaging Features

Packaging Quantity	3500
Packaging Method	Reel

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

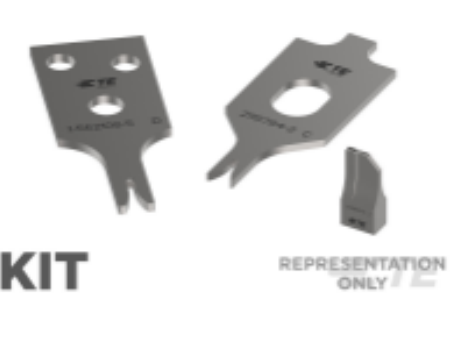
Product Compliance Disclaimer

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 # 2151096-1 OCEAN-2.0-APPLICATOR-S-062F125F-RSM	 TE Part # 2825208-1 VAL-U-LOK PIN 16AWG HCS SN LP	 TE Part # 2238020-1 VAL-U-LOK PIN BR TN 22-18 LP	 TE Part # 2238021-1 VAL-U-LOK SKT BR SN 22-18 LP
 TE Part # 91388-2 PRO-CRIMPER DIE(ONLY)	 TE Part # 2151096-2 OCEAN-2.0-APPLICATOR-S-062F125F-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2394165-1 SDE F PIN 22-18 ASSY
 TE Part # 2394165-2 SDE F PIN 22-18 DIE SET	 TE Part # 5-2151096-1 OCEAN-2.0-APPLICATOR-S-062F125F-RSM	 TE Part # 5-2151096-2 OCEAN-2.0-APPLICATOR-S-062F125F-RSA	 TE Part # 7-2151096-7 OCEAN_2.0_SPARE_PART_KIT-062F125F
 TE Part # 7-2836879-7 OC-062F125F-752-CRIMPTOOLINGKIT	 TE Part # 7-2151096-2 OCEAN-2.0-APPLICATOR-S-062F125FA		

Customers Also Bought



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

TE Part # 1586017-2
2P FH PLUG VAL-U-LOK V0

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

TE Part # 60772-1
RING CRIMP 18-14 AWG BR

TE Part # 1586018-2
2P PM PLUG VAL-U-LOK V0

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

TE Part # 1586018-6
6P PM PLUG VAL-U-LOK V0

TE Part # 626581-1
PL 250 REC 0.5-1.5 MM2 0.35X 26.54 BR

TE Part # 2232900-6
ECONOMY POWER TPA RETAINER

TE Part # 1333201-3
ANVIL, COMBINATION .055

Documents

Product Drawings

VAL-U-LOK PIN BR SN 22-18AWG

English

CAD Files

Customer View Model

ENG_CVM_CVM_794955-1_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794955-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794955-1_G.3d_stp.zip

English

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

Agency Approvals

VDE Certificate

English