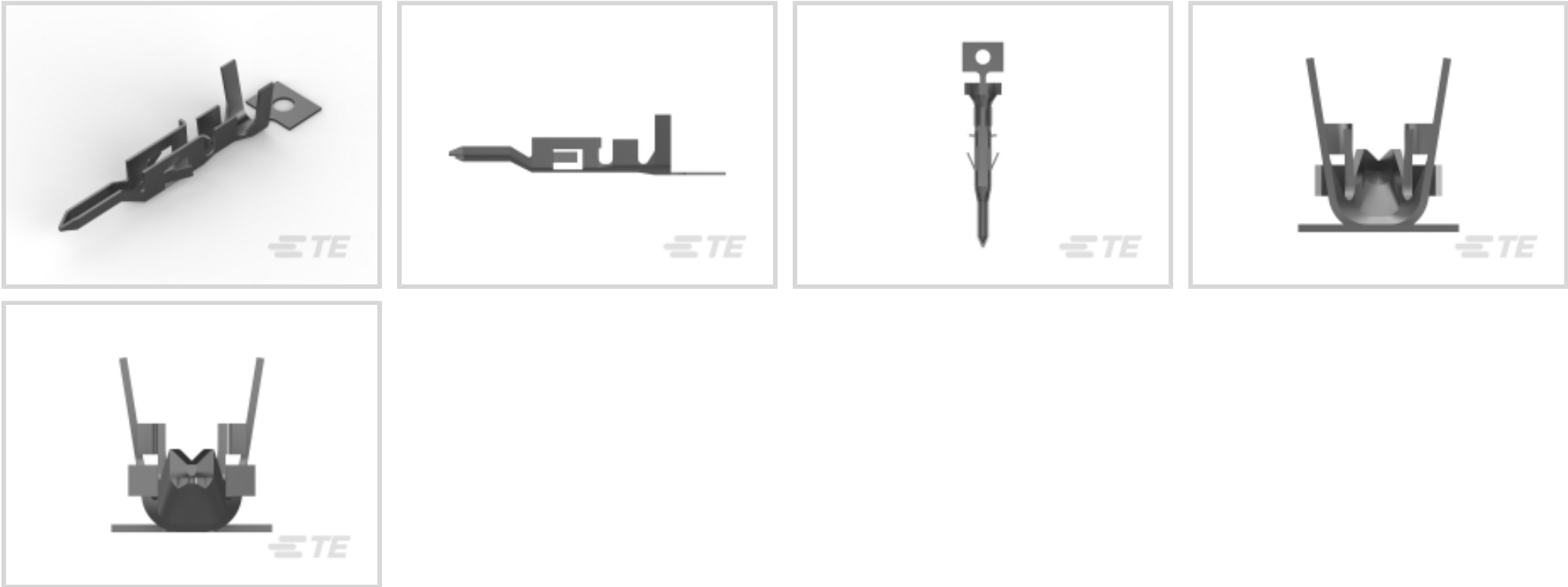




VAL-U-LOK

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

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **600 VAC**
Contact Mating Area Plating Material: **Tin**
Wire Size: **.3 – .82 mm²**

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

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



Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	.3 – .82 mm²
Compatible Insulation Diameter Range	1.5 – 3.1 mm [.059 – .122 in]

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

UL Rating	Recognized
Agency/Standard	VDE

Packaging Features

Packaging Quantity	3500
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

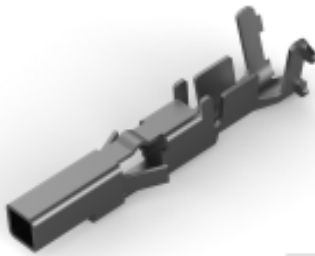
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not 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 # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2825208-1 VAL-U-LOK PIN 16AWG HCS SN LP	 TE Part # 2151096-1 OCEAN-2.0-APPLICATOR-S-062F125F	 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 # 2-2151096-1 OCEAN-2.0-APPLICATOR-S-062F125F	 TE Part # 2-2151096-2 OCEAN-2.0-APPLICATOR-S-062F125FA
 TE Part # 2151096-2 OCEAN-2.0-APPLICATOR-S-062F125FA	 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



TE Part # 5-2151096-2
OCEAN-2.0-APPLICATOR-S-062F125FA

TE Part # 7-2151096-1
OCEAN-2.0-APPLICATOR-S-062F125F

TE Part # 7-2151096-2
OCEAN-2.0-APPLICATOR-S-062F125FA

TE Part # 7-2151096-7
OCEAN_2.0_SPARE_PART_KIT-062F125F

TE Part # 7-2836879-7
OC-062F125F-752-CRIMPTOOLINGKIT

Customers Also Bought

TE Part #1586103-3
3P PLUG VAL-U-LOK SR FH V2

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

TE Part #62109-1
250 FASTON REC 18-14 AWG BR

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

TE Part #794992-1
03P UMNL BLACK INTERFACE SEAL

TE Part #350981-2
RING 18-14 AWG PTPBR

TE Part #40509
SPLICE 3300 TO 9000 CMA BR

TE Part #880646-1
PL REC 0.5-1.0MM2 0.40 X 52.32 BR

TE Part #926309-3
10P UN-MNL AUFN-GEH

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

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English

Agency Approvals

VDE Certificate

English