



VAL-U-LOK

TE Internal #: 1586314-3
Pin Contact, Tin, 600 VAC, Locking Lance Contact Retention,
Discrete Wire, 24 - 18 AWG Wire Size, .2 - .8 mm² Wire Size, Crimp,
Phosphor Bronze
[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



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

Features

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	9 A

Termination Features

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



Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Dimensions

Compatible Insulation Diameter Range	1.5 - 2.4 mm[.059 - .094 in]
Wire Size	.2 - .8 mm²

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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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: 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 # 91388-1
PRO-CRIMPER TOOL & DIE

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

Customers Also Bought

TE Part # 794954-6
6P RCPT VAL-U-LOK V2

TE Part # 794954-2
2P RCPT VAL-U-LOK V2

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

TE Part # 1586000-2
2P FH PLUG VAL-U-LOK V2

TE Part # 794956-3
VAL-U-LOK SKT PHBZ SN 22-18AWG

TE Part # 1586018-4
4P PM PLUG VAL-U-LOK V0

TE Part # 1586315-1
VAL-U-LOK SKT BR SN 24-18 LP

TE Part # 2-2176329-2
CRGP 1210 560R 1%

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

TE Part # 1586317-4
VAL-U-LOK SKT PHBZ AU 26-22 LP

Documents

Product Drawings



VAL-U-LOK PIN PHBZ SN 24-18 LP

English

CAD Files

Customer View Model

ENG_CVM_1586314-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1586314-3_C.3d_stp.zip

English

Customer View Model

ENG_CVM_1586314-3_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