



TE Internal #: 2825210-1
Pin Contact, Tin, 600 VAC, 22 – 18 AWG Wire Size, .33 – .82 mm²
Wire Size, Crimp, Copper Alloy, Power, -40 – 105 °C [-40 – 221 °F]
[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

Mechanical Attachment

Wire Insulation Support	Without
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Packaging Features

Packaging Method	Reel
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Dimensions

Compatible Insulation Diameter Range	1.5 – 3.1 mm[.06 – .122 in]
Wire Size	.33 – .82 mm ²

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	.762 μm[30 μin]
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]
Mating Square Post Dimension	1.14 mm[.045 in]
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	Copper Alloy
Contact Current Rating (Max)	11 A

Electrical Characteristics

Operating Voltage	600 VAC
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Termination Features

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

Usage Conditions

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

Circuit Application	Power
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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	Not Yet Reviewed
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) Candidate List Declared Against: JUNE 2022 (224) 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 reviewed 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>

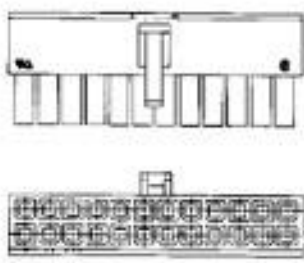
Compatible Parts

TE Part # 2825208-1 VAL-U-LOK PIN 16AWG HCS SN LP	TE Part # 2825209-1 VAL-U-LOK SKT 16AWG HCS SN LP	TE Part # 2825212-1 VAL-U-LOK PIN HCS TN 22-18 LP	TE Part # 2825213-1 VAL-U-LOK SKT HCS SN 22-18 LP
TE Part # 2151096-1 OCEAN-2.0-APPLICATOR-S-062F125F-RSM	TE Part # 2238020-1 VAL-U-LOK PIN BR TN 22-18 LP	TE Part # 2151096-2 OCEAN-2.0-APPLICATOR-S-062F125FA-RSA	TE Part # 5-2151096-1 OCEAN-2.0-APPLICATOR-S-062F125F-RSM
TE Part # 5-2151096-2 OCEAN-2.0-APPLICATOR-S-062F125FA-RSA	TE Part # 7-2151096-7 OCEAN_2.0_SPARE_PART_KIT-062F125F		

Customers Also Bought

TE Part #DRC12-24PA REC, 24P, BLK, N, FLANGE, A	TE Part #WM-8P WEDGE LOCK, 8P, REC, ORG, DTM	TE Part #2-520184-4 ULTRAFast 250 ASSY REC 22-18 TPBR LP	TE Part #180900 FF 250 REC HSG 4P NYLON NAT
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TE Part #1-1586019-0
10P RCPT VAL-U-LOK V0



TE Part #2-1563759-1
18POS,AMP MCP1.5K,REC HSG,ASSY



TE Part #1719958-1
GET 0.64 TERMINAL WIRE SIZE 0.



TE Part #1060-20-0622
PIN, SF, SIZE 20, 14-16, NI/NI



TE Part #4-1904124-3
V23074A1001A403-EV-CBOX



TE Part #160860-2
FF 250 REC 0.5-1.0MM2 TPBR

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2825210-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2825210-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2825210-1_B.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

2825210-1

Pin Contact, Tin, 600 VAC, 22 – 18 AWG Wire Size, .33 – .82 mm² Wire Size, Crimp,
Copper Alloy, Power, -40 – 105 °C [-40 – 221 °F]



English