

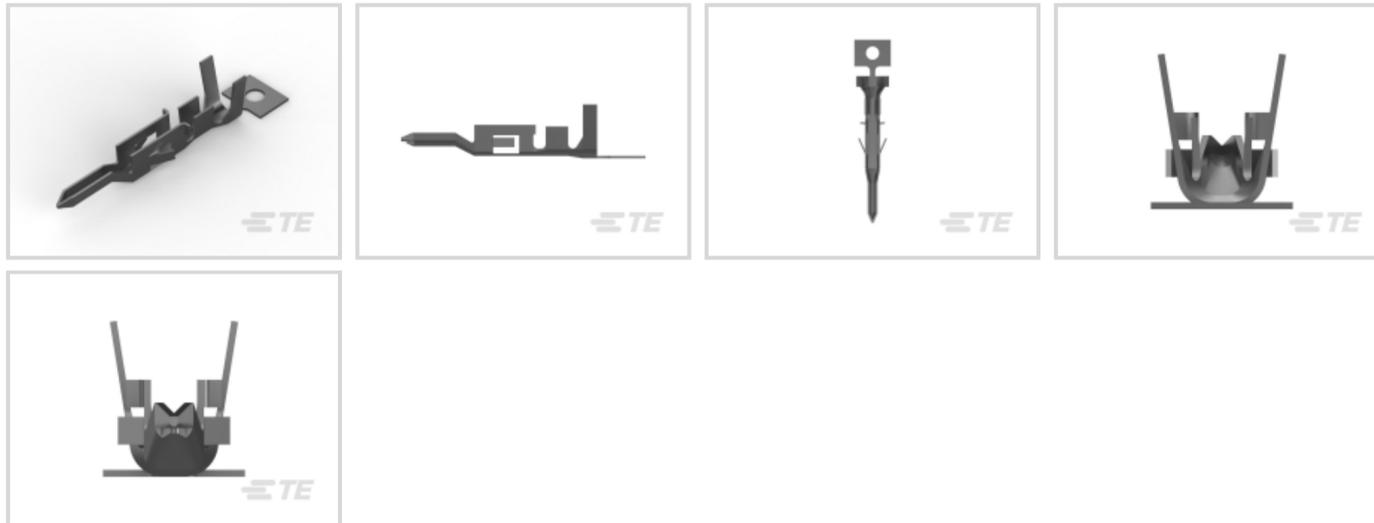
VAL-U-LOK

TE Internal #: 794955-1

Tin (Sn), Pin Contact, 22 – 18 AWG, 600 VAC, .3 – .82 mm² Wire,
Crimp, Brass, Power, -40 – 105 °C [-40 – 221 °F]

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts

Contact Type: **Pin**Contact Mating Area Plating Material: **Tin (Sn)**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

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

Termination Features



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

Wire Insulation Support	Without
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Dimensions

Wire Size	.3 – .82 mm ²
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Compatible Insulation Diameter Range	1.5 – 3.1 mm [.059 – .122 in]
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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
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Packaging Method	Reel
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Out of Scope
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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



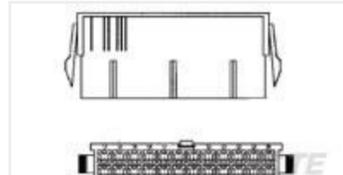
Customers Also Bought



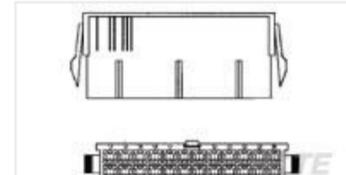
TE Part #626581-1
PL 250 REC 0.5-1.5 MM2 0.35X 26.54
BR



TE Part #770087-1
06P .093 COMM P&S RECPT HSG



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



TE Part #1-1586018-2
12P PM PLUG VAL-U-LOK V0



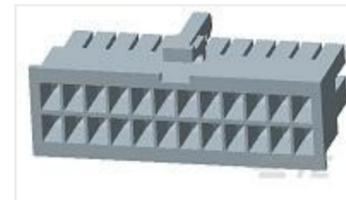
TE Part #1-1744416-1
11 POS EP II HSG, GLOW WIRE



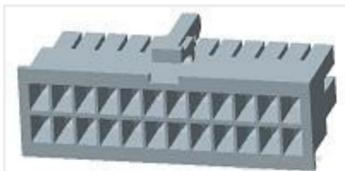
TE Part #1744544-7
EP II TPA 07P, BLACK



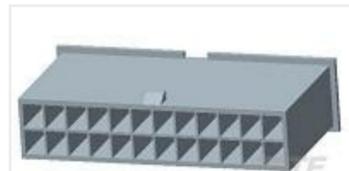
TE Part #1-1744544-1
EP II TPA 11P, BLACK



TE Part #1969603-2
2P RCPT VAL-U-LOK GW



TE Part #1969603-4
4P RCPT VAL-U-LOK GW



TE Part #1969604-4
4P FH PLUG VAL-U-LOK FH GW

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

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Application Specification](#)

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Agency Approvals

[VDE Certificate](#)

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