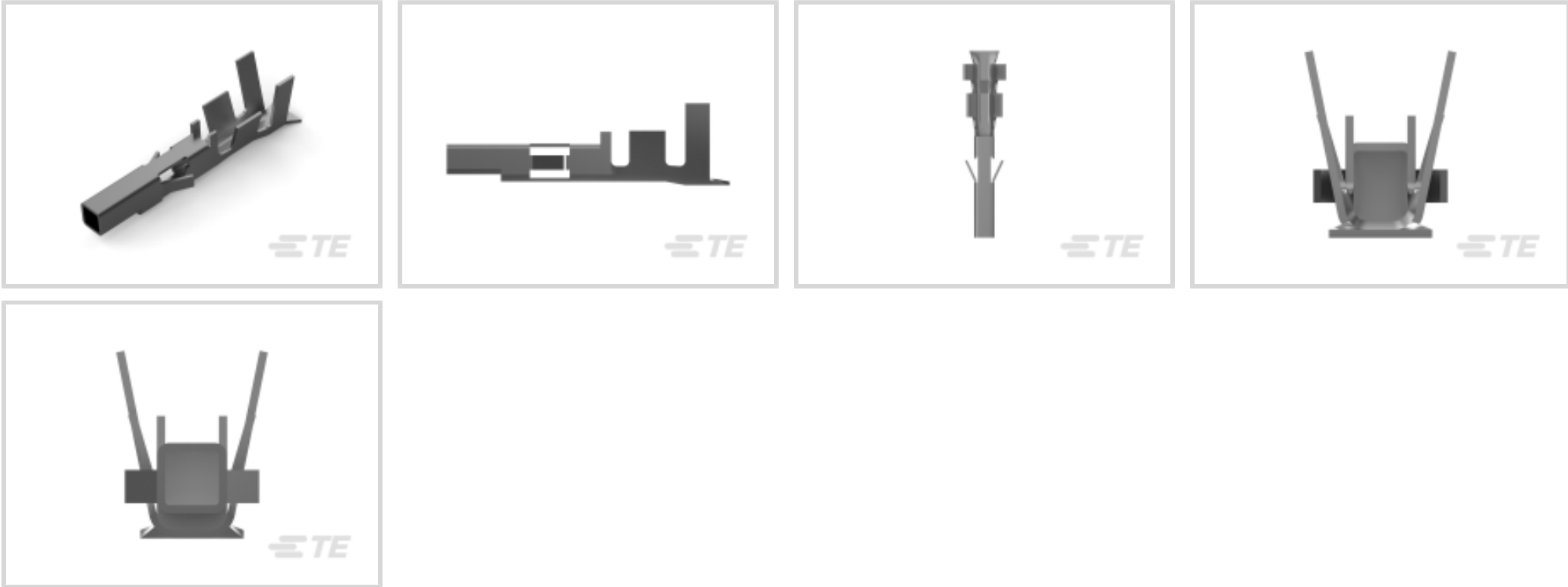




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **600 VDC**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Orientation	Straight
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Mating Square Post Dimension	1.14 mm[.045 in]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Single Beam
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Socket
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

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	3.1 mm[.122 in]
Wire Size	1.31 mm²

Usage Conditions

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

Circuit Application	Power
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Packaging Features

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
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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

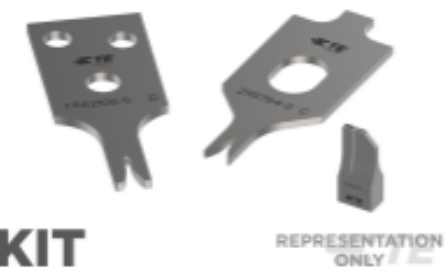
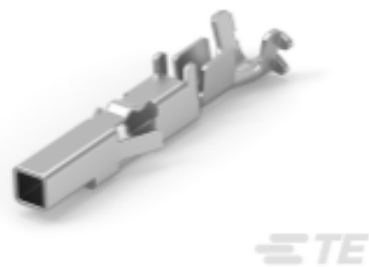
Product Compliance Disclaimer

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

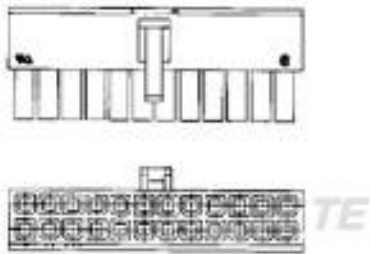


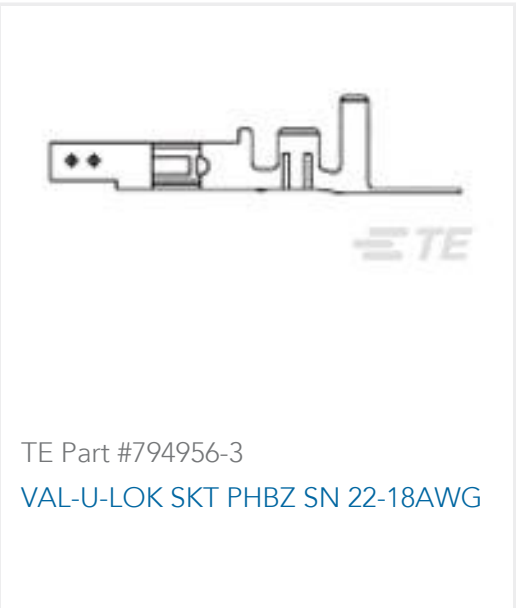
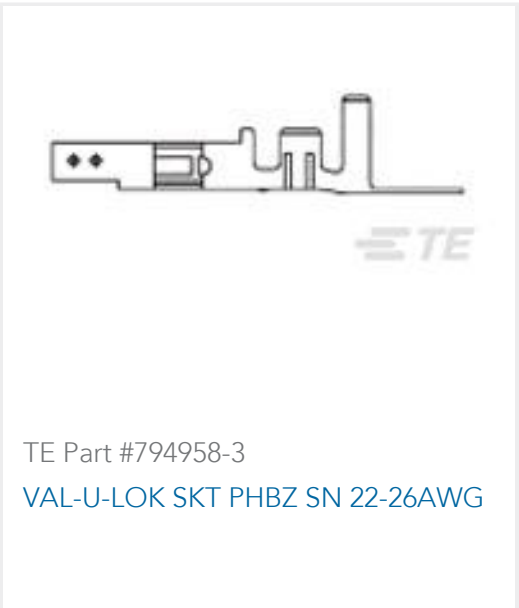
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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

 KIT REPRESENTATION ONLY TE Part # 7-2151667-7 OCEAN_2.0_SPARE_PART_KIT-070F125F	 TE Part # 2238023-1 VAL-U-LOK SKT BR SN 26-22 LP	 TE Part # 1976444-2 SDE DIE SET, VAL-U-LOK	 TE Part # 1976444-1 PRO-CRIMPER TOOL & DIE
 TE Part # 2151667-1 OCEAN_2.0_Applicator-S-070F125F-RSM	 TE Part # 2825209-1 VAL-U-LOK SKT 16AWG HCS SN LP	 TE Part # 2151667-2 OCEAN_2.0_Applicator-S-070F125F-RSA	

Customers Also Bought

 TE Part #1586019-6 6P RCPT VAL-U-LOK V0	 TE Part #280050-2 250 FASTON,FLAG,REC.,16-20 AWG, TPBR	 TE Part #4-644663-0 10P MTA156 CONN ASSY 20AWG LF	 TE Part #1871131-3 DYNAMIC D7 PIN CONTACT NML AG PL #10-12
 TE Part #2-36161-2 TERM, PIDG, R, 12-10, #10, T&R	 TE Part #6609032-3 2VR1=F7196 SO	 TE Part #4-644892-0 10P CST100 SHRD HDR ASSY LF	 TE Part #5554923-2 RCPT ASSY,SHLD,RTANG, 24 POSN



Documents

Product Drawings

VAL-U-LOK SKT PHBZ SN 16AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1586055-3_C_c-1586055-3-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1586055-3_C_c-1586055-3-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1586055-3_C_c-1586055-3-c.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

Instruction Sheets

Instruction Sheet (U.S.)

English