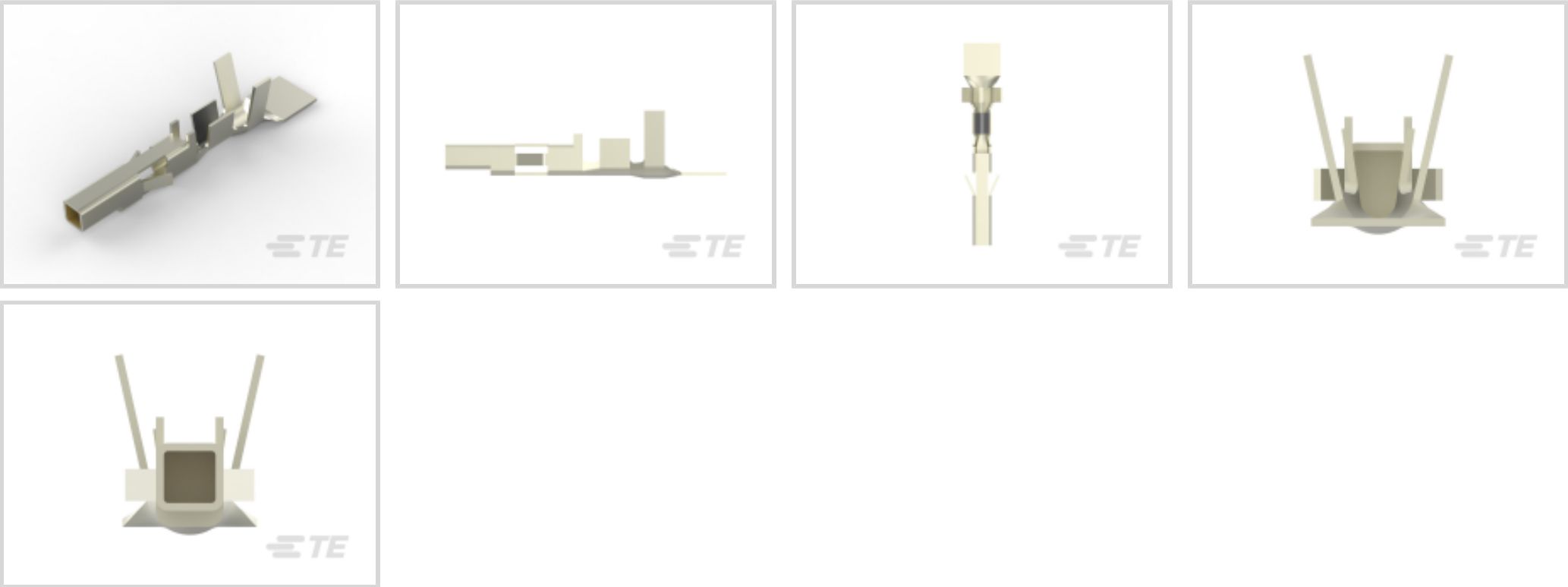




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

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 Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 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 Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Pre-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	
Wire Insulation Support	Without
Dimensions	
Compatible Insulation Diameter Range	1.5 – 3.1 mm[.059 – .122 in]
Wire Size	.3 – .82 mm²
Usage Conditions	
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Compatible With Agency/Standards Products	CSA, UL
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 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



TE Part # 2151096-2
[OCEAN-2.0-APPLICATOR-S-062F125FA-RSA](#)



TE Part # 7-2836879-7
[OC-062F125F-752-CRIMPTOOLINGKIT](#)



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



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 # 2305570-1
[Strip Terminal Cutter-Side Feed-No Crimp](#)



TE Part # 2151096-1
[OCEAN-2.0-APPLICATOR-S-062F125F-RSM](#)



TE Part # 7-2151096-7
[OCEAN_2.0_SPARE_PART_KIT-062F125F](#)

Customers Also Bought



TE Part #2296205-8
[8P RCPT VAL-U-LOK GWT/V0](#)



TE Part #2-34149-1
[PG R 22-16 COMM 22-18 MIL 10](#)



TE Part #2-34161-1
[TERMINAL,PG R 16-14 10](#)



TE Part #794616-4
[FREE HANG DBL ROW HSG 4 POS](#)



TE Part #1-794608-2
PIN CONT 20-24 30 GOLD STRIP

TE Part #2-520128-2
ULTRA-FAST 250 ASY REC 22-18 AWG TPBR

TE Part #2296205-6
6P RCPT VAL-U-LOK GWT/V0

TE Part #1-2296205-0
10P RCPT VAL-U-LOK GWT/V0

TE Part #1241959-5
STD-TIM HSG MKII 5P

TE Part #1586019-4
4P RCPT VAL-U-LOK V0

Documents

Product Drawings

VAL-U-LOK SKT PHBZ AU 22-18AWG

English

CAD Files

Customer View Model

ENG_CVM_CVM_794956-4_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794956-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794956-4_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