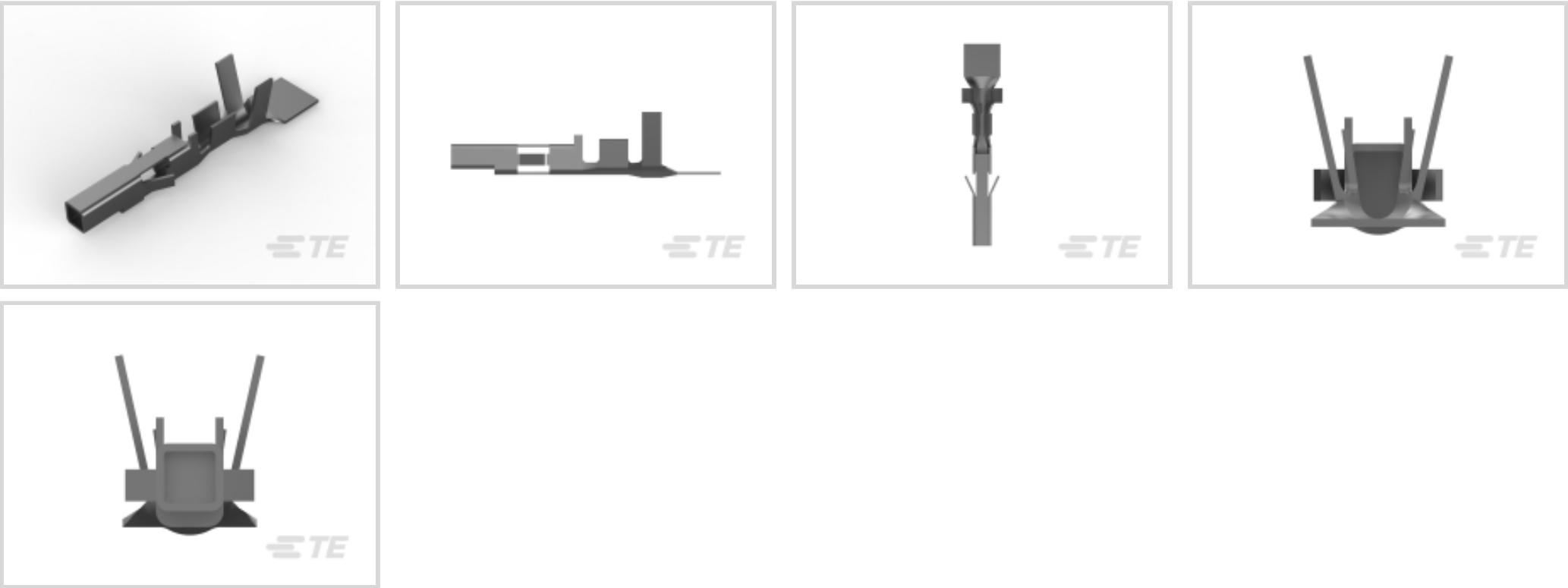




Connectors > Power Connectors > Power Contacts



Product Type: **Contact**

Operating Voltage: **600 VAC**

Wire Size: **.3 – .82 mm²**

Connector System: **Wire-to-Board, Wire-to-Wire**

Features

Product Type Features

Product Type	Contact
Connector System	Wire-to-Board, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Current Rating (Max)	9 A
Contact Type	Socket
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Mating Area Plating Material	Pre-Tin
Contact Mating Area Plating Thickness	2.54 µm[100 µin]
Contact Termination Area Plating Material	Pre-Tin
Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material	Pre-Tin
Crimp Area Plating Thickness	2.54 µm[100 µin]



Contact Orientation	Straight
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Termination Features

Termination Type	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without

Dimensions

Wire Size	.3 – .82 mm ²
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Usage Conditions

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

Circuit Application	Power
For Multiple Crimp	No

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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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: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

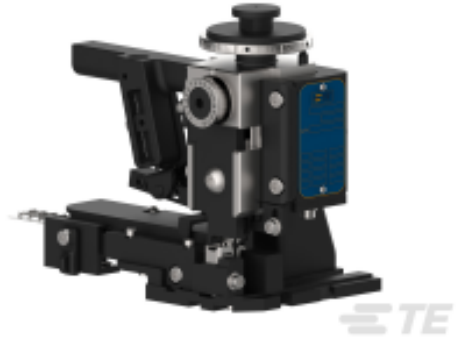
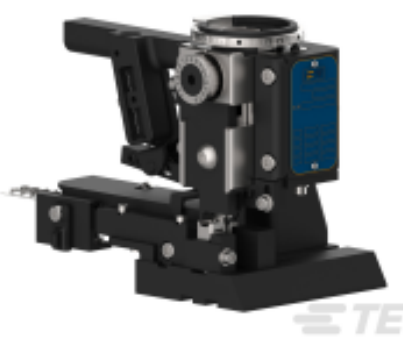
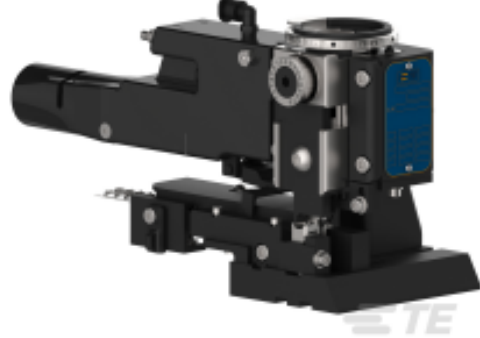
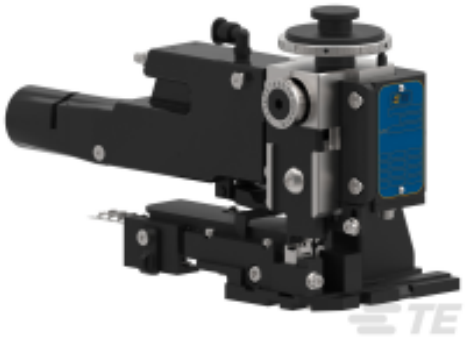
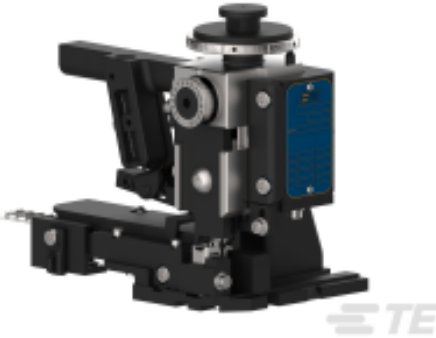
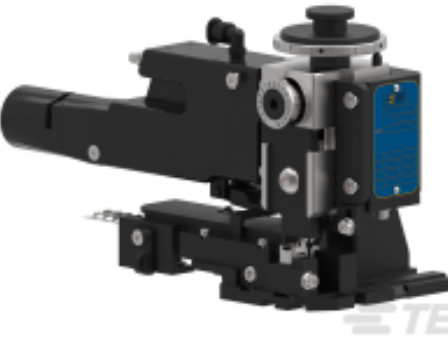


Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

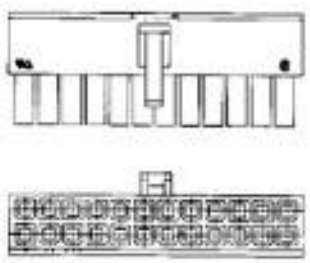
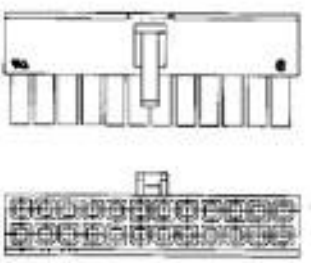
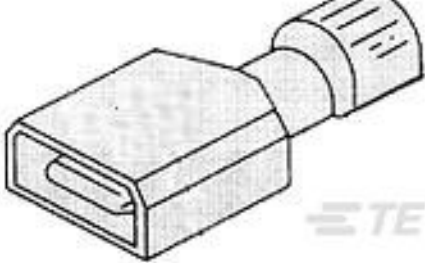
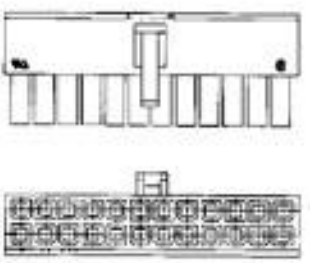
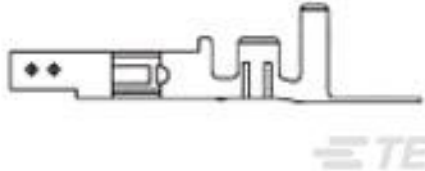
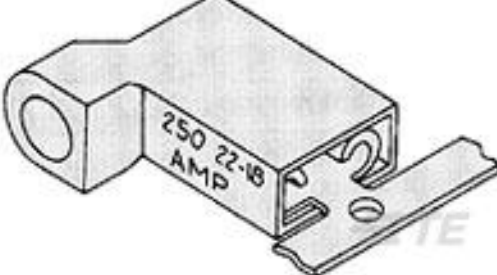
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 TE Part # 2151096-1 OCEAN-2.0-APPLICATOR-S-062F125F	 TE Part # 91388-2 PRO-CRIMPER DIE(ONLY)	 TE Part # 2-2151096-1 OCEAN-2.0-APPLICATOR-S-062F125F	 TE Part # 2-2151096-2 OCEAN-2.0-APPLICATOR-S-062F125FA
 TE Part # 2151096-2 OCEAN-2.0-APPLICATOR-S-062F125FA	 TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED	 TE Part # 5-2151096-1 OCEAN-2.0-APPLICATOR-S-062F125F	 TE Part # 5-2151096-2 OCEAN-2.0-APPLICATOR-S-062F125FA
 TE Part # 7-2151096-7 OCEAN_2.0_SPARE_PART_KIT-062F125F			

Customers Also Bought



 TE Part #794954-6 6P RCPT VAL-U-LOK V2	 TE Part #794954-4 4P RCPT VAL-U-LOK V2	 TE Part #2-521102-2 ULTRA-FAST 187 ASY Tab 22-18 TPBR	 TE Part #794954-2 2P RCPT VAL-U-LOK V2
 TE Part #794958-1 VAL-U-LOK SKT BR SN 22- 26AWG	 TE Part #794270-1 02P UMNL WIRE SEAL	 TE Part #1-794608-0 PIN CONT 20-24 TIN PLATE STRIP	 TE Part #61794-1 RING 18-14 AWG TPST
 TE Part #794955-1 VAL-U-LOK PIN BR SN 22- 18AWG	 TE Part #2-520334-2 ULTRAFAST 187 ASSY FLAG REC 22-18 TPBR		

Documents

Product Drawings

VAL-U-LOK SKT BR SN 22-18AWG

English

CAD Files

Customer View Model

ENG_CVM_CVM_794956-1_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794956-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794956-1_G.3d_stp.zip

English

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG



English

Product Specifications
Application Specification

English

Product Environmental Compliance
TE Material Declaration

English

Agency Approvals
VDE Certificate

English

VDE Certificate
English