



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 VAC**
Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Operating Voltage	600 VAC
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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
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
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

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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	1.5 – 3.1 mm[.059 – .122 in]
Wire Size	18 – 22 AWG

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 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 reviewed for solder process capability

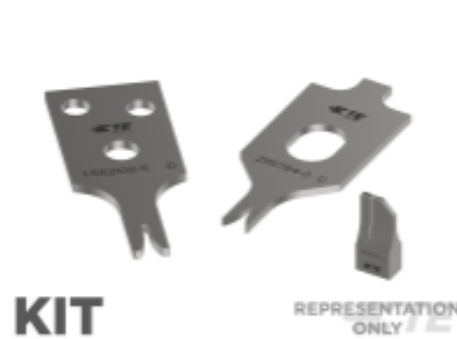
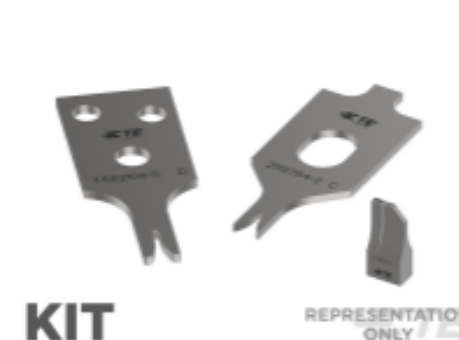
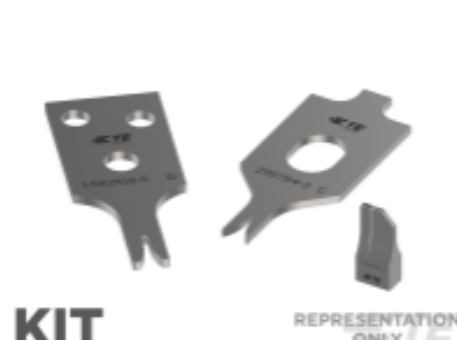
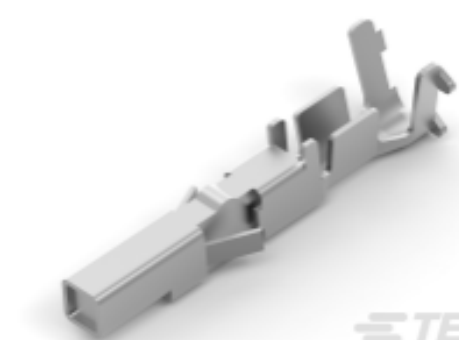
Product Compliance Disclaimer

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



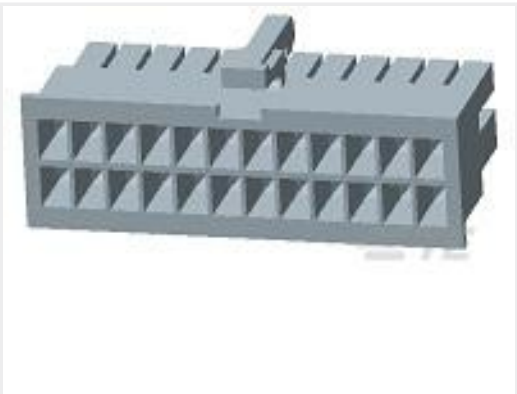
as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 2381270-1 OCEAN_2.0_APPLICATOR-S-062F110F-RSM	 KIT REPRESENTATION ONLY TE Part # 7-2381270-7 OCEAN_2.0_SPARE_PART_KIT-062F110F	 TE Part # 5-2151096-1 OCEAN-2.0-APPLICATOR-S-062F125F-RSM	 TE Part # 2238023-1 VAL-U-LOK SKT BR SN 26-22 LP
 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	 KIT REPRESENTATION ONLY TE Part # 7-2151096-7 OCEAN_2.0_SPARE_PART_KIT-062F125F
 TE Part # 2151096-2 OCEAN-2.0-APPLICATOR-S-062F125FA-RSA	 KIT REPRESENTATION ONLY TE Part # 7-2836879-7 OC-062F125F-752-CRIMPTOOLINGKIT	 TE Part # 2238021-1 VAL-U-LOK SKT BR SN 22-18 LP	 TE Part # 2825213-1 VAL-U-LOK SKT HCS SN 22-18 LP
 TE Part # 2825209-1 VAL-U-LOK SKT 16AWG HCS SN LP	 TE Part # 2238020-1 VAL-U-LOK PIN BR TN 22-18 LP	 TE Part # 2381270-2 OCEAN_2.0_APPLICATOR-S-062F110F-RSA	 TE Part # 2825212-1 VAL-U-LOK PIN HCS TN 22-18 LP

Customers Also Bought

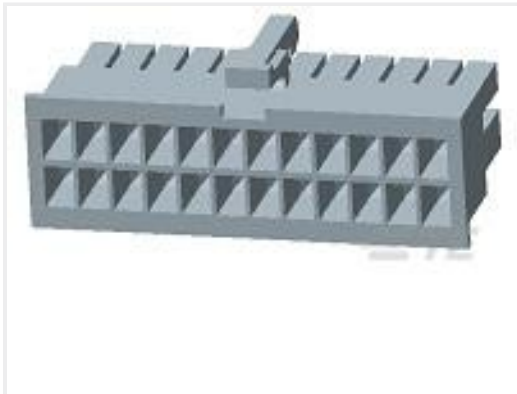




TE Part #1969597-2
2P RCPT VAL-U-LOK V2



TE Part #2321924-6
RECEPTACLE HOUSING FREE
HANGING 6PIN



TE Part #1969614-4
4P RCPT VAL-U-LOK V0



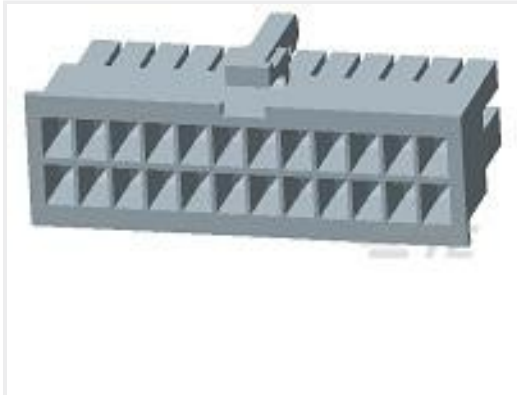
TE Part #1969608-2
2P VAL-U-LOK TPA 22-18 AWG



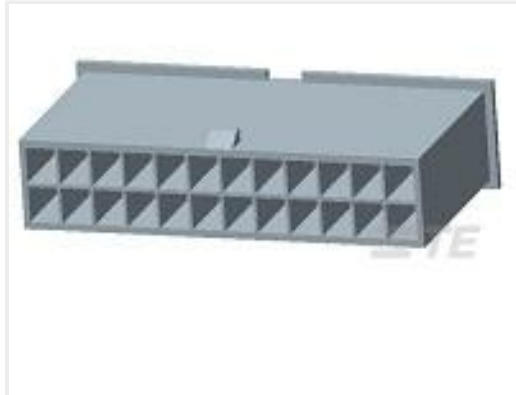
TE Part #1969608-6
6P VAL-U-LOK TPA 22-18 AWG



TE Part #1969608-5
5P VAL-U-LOK TPA 22-18 AWG



TE Part #1969614-2
2P RCPT VAL-U-LOK V0



TE Part #1969612-2
2P FH PLUG VAL-U-LOK V0



TE Part #1969608-1
1P VAL-U-LOK TPA 22-18 AWG



TE Part #2296205-4
4P RCPT VAL-U-LOK GWT/V0

Documents

Product Drawings
VAL-U-LOK SKT BR SN 18-22AWG
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2238017-1_A_c-2238017-1-a.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2238017-1_A_c-2238017-1-a.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2238017-1_A_c-2238017-1-a.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



1-1773730-3 VAL-U-LOK Connectors with TPA Flyer

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English