

1586315-3

✓ ACTIVE

VAL-U-LOK

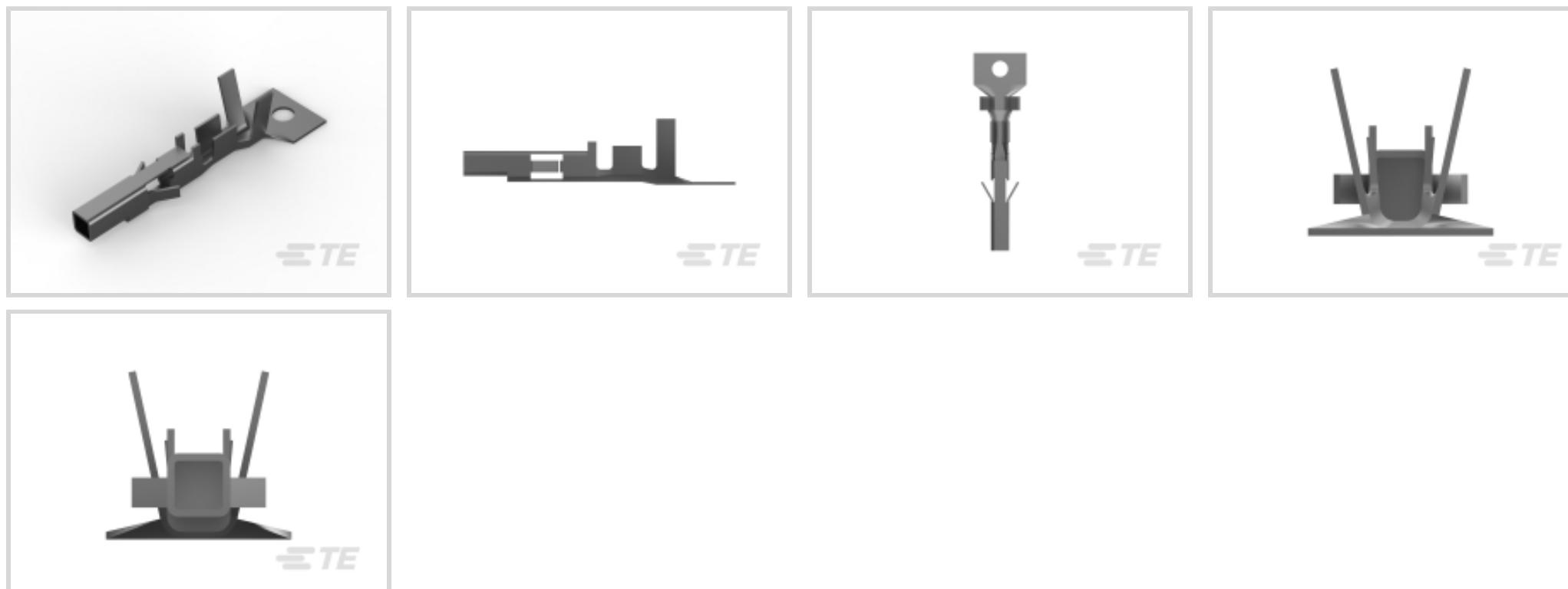
TE Internal #: 1586315-3

Socket Contact, Tin, 600 VAC, 24 - 18 AWG Wire Size, .2 - .8 mm²

Wire Size, Crimp, Phosphor Bronze, Power, -40 - 221 °F [-40 - 105 °C]

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts

Contact Type: **Socket**Contact Mating Area Plating Material: **Tin**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

Mating Square Post Dimension	1.14 mm[.045 in]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Single Beam
Contact Orientation	Straight
Contact Type	Socket
Contact Mating Area Plating Material	Tin
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 - 2.39 mm [.059 - .094 in]

Wire Size

.2 - .8 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

500

Packaging Method

Loose Piece

Product Compliance

For compliance documentation, visit the product page on TE.com >

EU RoHS Directive 2011/65/EU

Out of Scope

EU ELV Directive 2000/53/EC

Compliant

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2024 (240)

Candidate List Declared Against: JAN 2023 (233)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

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 # 91388-1
PRO-CRIMPER TOOL & DIE

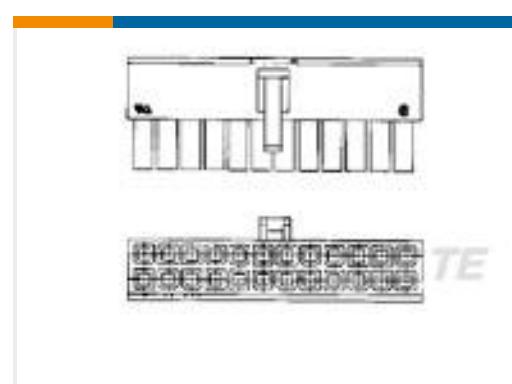


TE Part # 91388-2
PRO-CRIMPER DIE(ONLY)

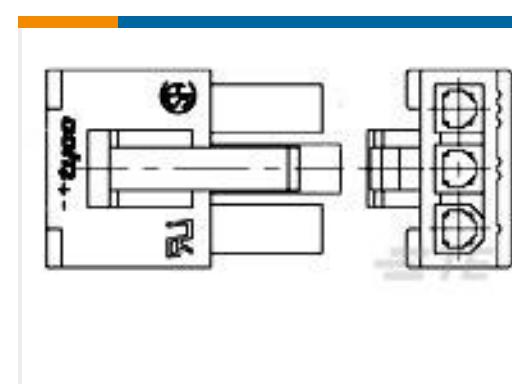
Customers Also Bought



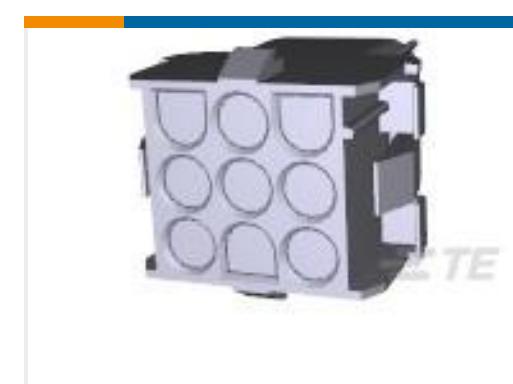
TE Part # 33466-1
TERMINAL,SOLIS R 6 5/16 90DEG



TE Part # 794954-6
6P RCPT VAL-U-LOK V2



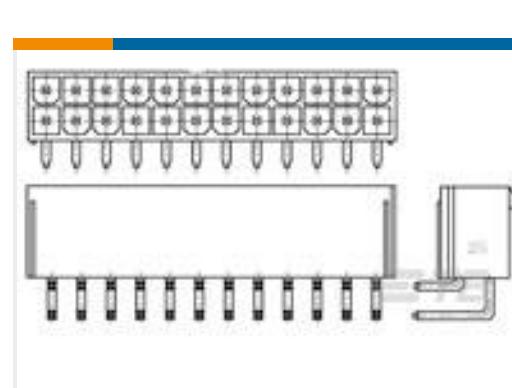
TE Part # 1586106-3
3P RCPT VAL-U-LOK SR V0



TE Part # 1-480707-9
09P UMNL CAP HSG BLK



TE Part # 62138-1
187 FASTON REC 24-20 TPBR



TE Part # 1586041-6
6P VAL-U-LOK R/A HDR V2



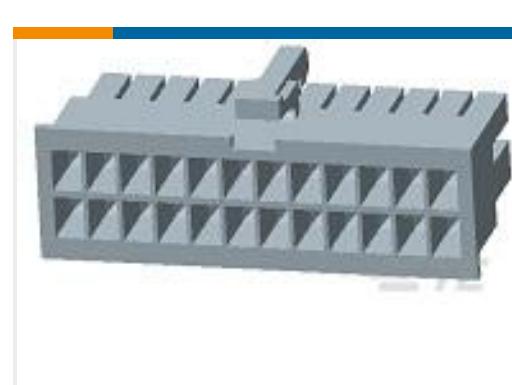
TE Part # 1676397-2
RN 0805 61R9 0.1% 10PPM 1KRL



TE Part # 52409-2
PIDG SP SPD 22-16COM22-18MIL 6



TE Part # 5-103957-7
2X8 MTE RCPT SR LATCH .100CL



TE Part # 1-1969614-2
12P RCPT VAL-U-LOK V0

Documents

CAD Files[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1586315-3_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1586315-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1586315-3_B.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