



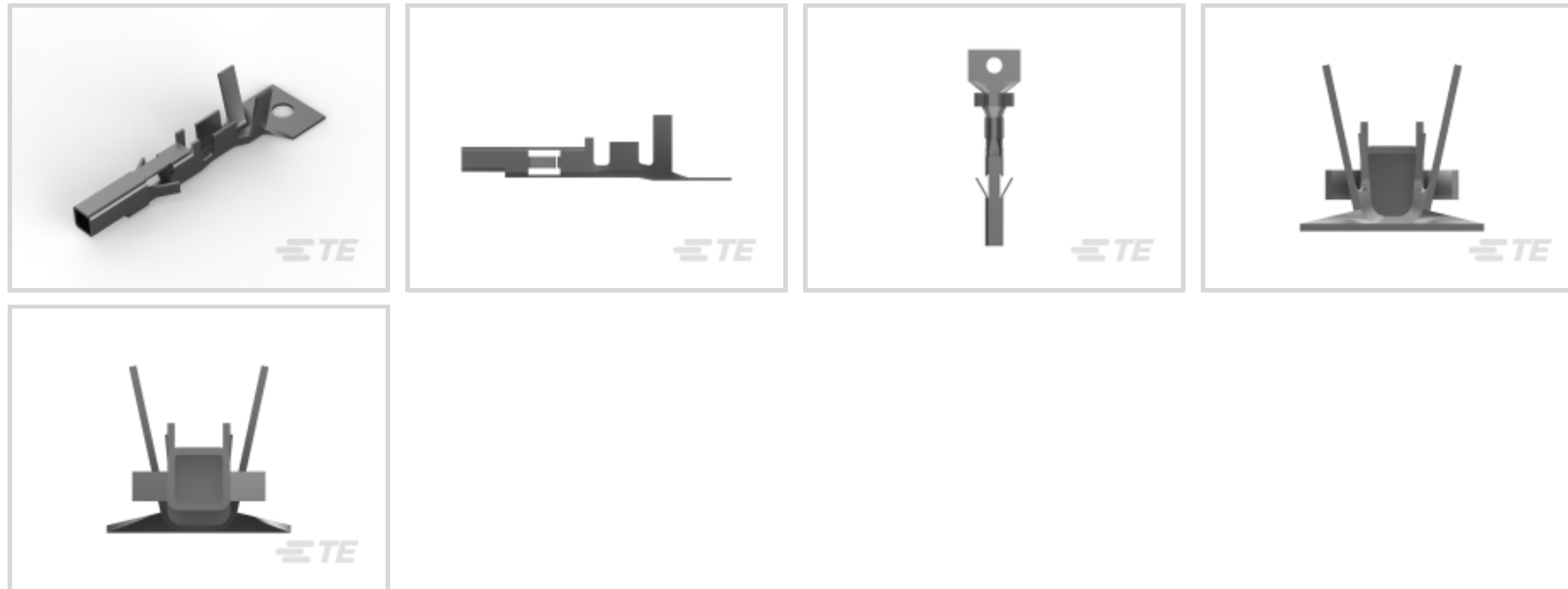
VAL-U-LOK

TE Internal #: 1586315-3

Power Contacts, Contact, 600 VAC, Tin, 24 – 18 AWG Wire Size, .2 – .8 mm² Wire Size, Wire & Cable, Crimp, Power, Socket, -40 – 105 °C [-40 – 221 °F]

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VAC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.2 – .8 mm²**

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Shape & Form	Single Beam
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	9 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Bright



Contact Orientation	Straight
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	.2 – .8 mm ²
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Compatible Insulation Diameter Range	1.5 – 2.39 mm [.059 – .094 in]
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

CSA Rating	208567
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UL Rating	Recognized
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Agency/Standard	CSA, UL
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Packaging Features

Packaging Quantity	500
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Packaging Method	Loose Piece
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Out of Scope
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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Halogen Content	Out of Scope - excluded from Halogen requirements
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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 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)

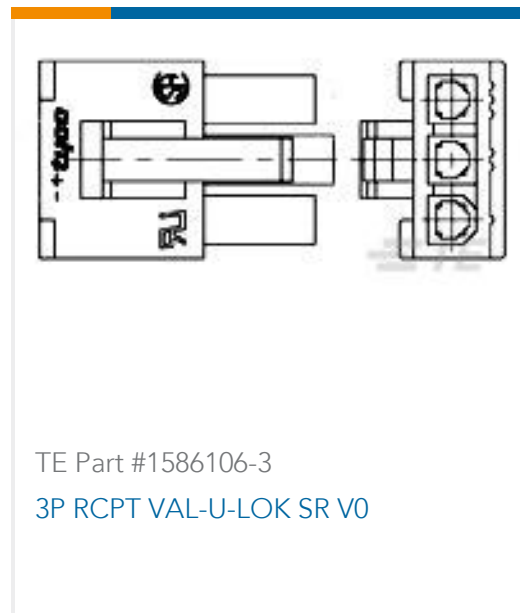


TE Part # 2-1579021-8
CSV10 4.2 ConnSyst

Customers Also Bought



TE Part #6609117-6
6EGS1-2=F7860 S0



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



TE Part #350415-5
.093 COMM P&S SOK 20-14 AUBR



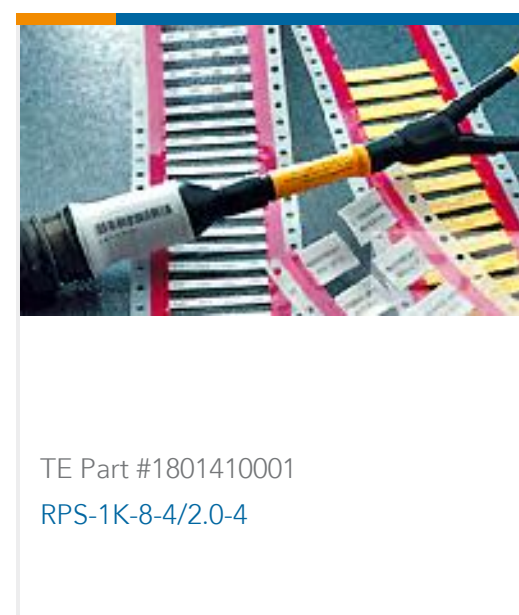
TE Part #6-103166-1
26 MODII HDR DRRA SHRD LF



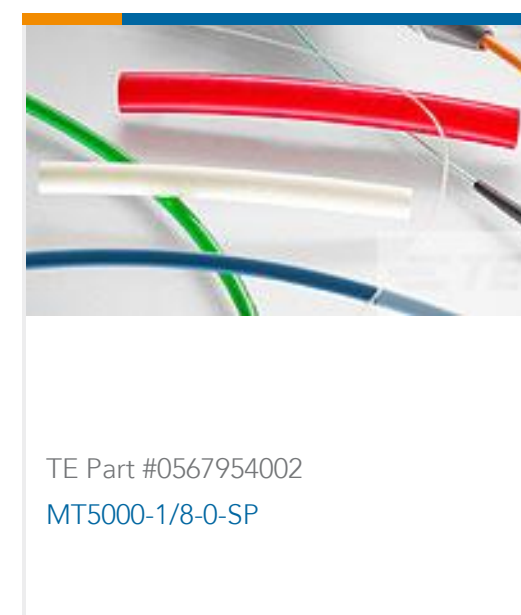
TE Part #6-2176088-4
RP 1J 0.166W 4K02 0.1% 25PPM 1K RL



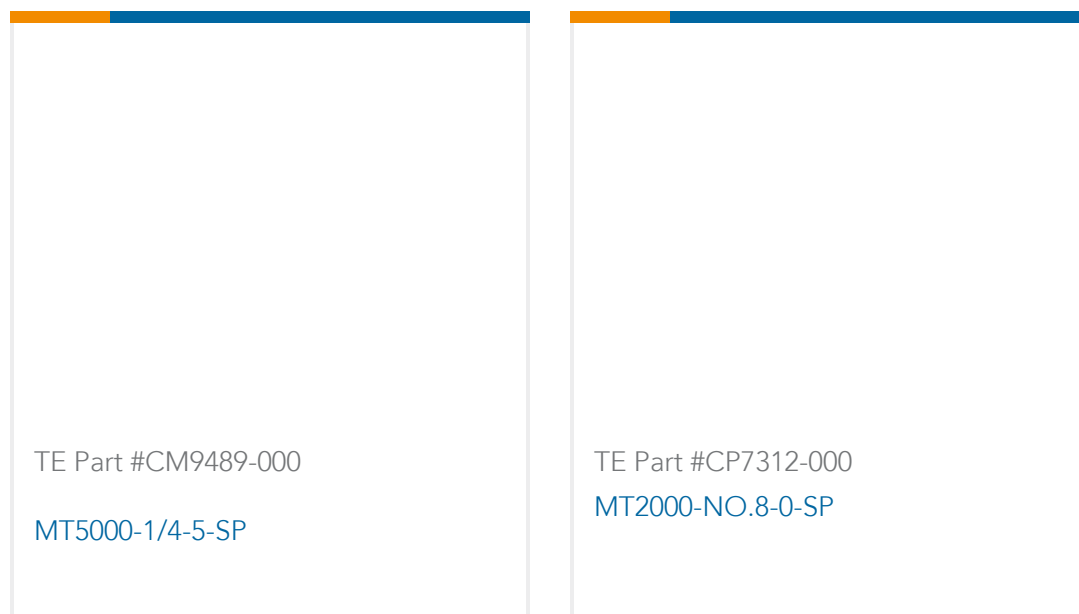
TE Part #1676397-2
RN 0805 61R9 0.1% 10PPM 1KRL



TE Part #1801410001
RPS-1K-8-4/2.0-4



TE Part #0567954002
MT5000-1/8-0-SP



Documents

Product Drawings

[VAL-U-LOK SKT PHBZ SN 24-18 LP](#)

English

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

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_1586315-3_080820182244_dmtec](#)

English

[MD_1586315-3_080820182244_dmtec](#)

English