



VAL-U-LOK

TE Internal #: 1969612-2

Housing, Plug, Wire-to-Wire, 2 Position, 4.2 mm [.165 in] Centerline,
Wire & Cable, UL 94V-0, Rectangular Power Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

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Contact Retention Within Housing	Without
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Contact Type	Pin
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	4.2 mm [.165 in]
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Housing Color	Natural
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Housing Material	Nylon 6/6
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Dimensions

Product Width	23.8 mm [.937 in]
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Product Length	5.4 mm [.213 in]
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Connector Height	10.6 mm [.417 in]
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Row-to-Row Spacing	4.2 mm [.165 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 & Signal
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Industry Standards

Compatible With Agency/Standards Products	UL, CSA
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UL Rating	Recognized
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Compatible With Approved Standards Products	UL E28476
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CSA Rating	208567
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UL Flammability Rating	UL 94V-0
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Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	500
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Packaging Method	Bag
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Product Compliance

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







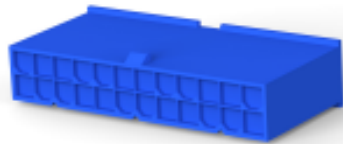



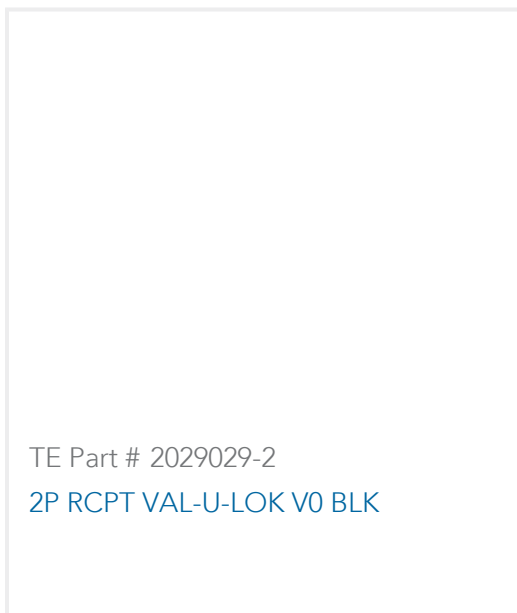
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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

 <p>TE Part # 1586019-2 2P RCPT VAL-U-LOK V0</p>	 <p>TE Part # 1586040-2 2P VAL-U-LOK VRT HDR W/P V0</p>	 <p>TE Part # 1586038-2 2P VRT HDR VAL-U-LOK V0</p>	 <p>TE Part # 1586042-2 2P VAL-U-LOK R/A HDR V0</p>
 <p>TE Part # 1969614-2 2P RCPT VAL-U-LOK V0</p>	 <p>TE Part # 1586044-2 2P VAL-U-LOK R/A HDR SCR MT V0</p>	 <p>TE Part # 2029096-2 2P PLUG VAL-U-LOK V2 FH BLUE</p>	 <p>TE Part # 3-1586040-2 2P VAL-U-LOK VRT HDR W/P V0 gold</p>



TE Part # 2029029-2
2P RCPT VAL-U-LOK V0 BLK

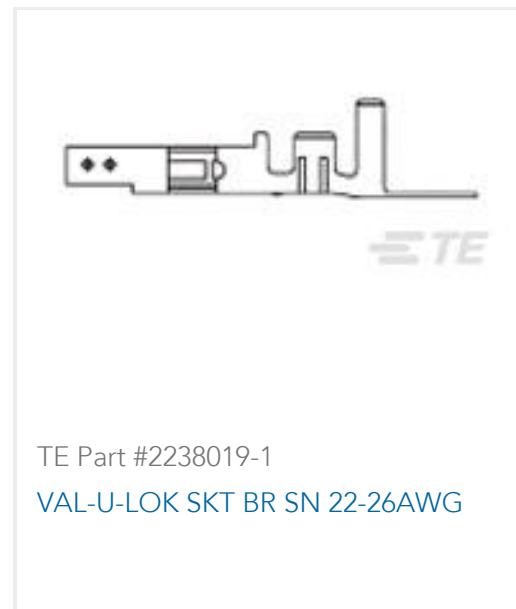
Customers Also Bought



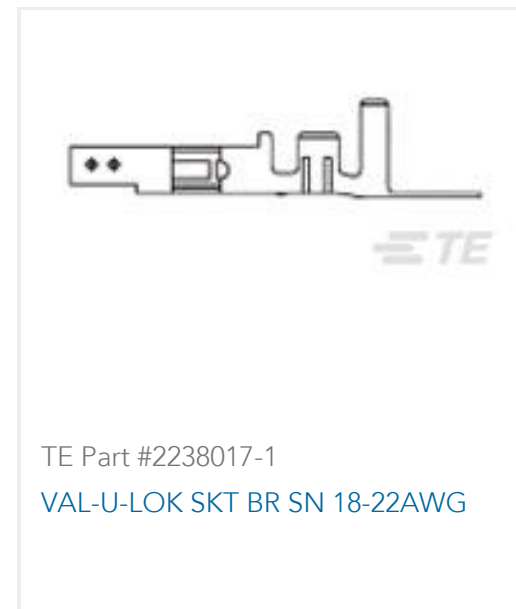
TE Part #1969614-4
4P RCPT VAL-U-LOK V0



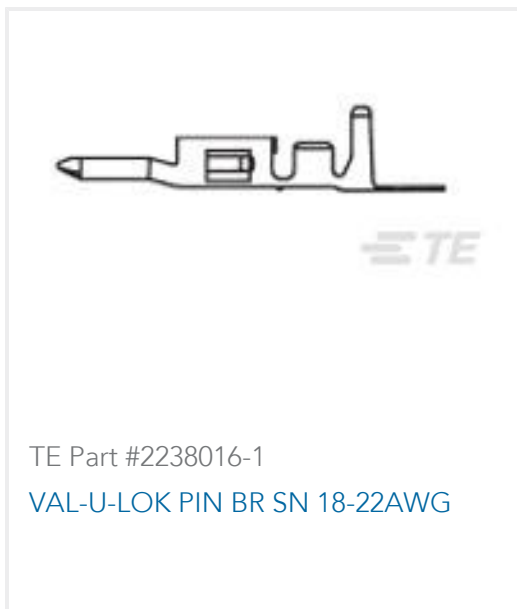
TE Part #1969614-6
6P RCPT VAL-U-LOK V0



TE Part #2238019-1
VAL-U-LOK SKT BR SN 22-26AWG



TE Part #2238017-1
VAL-U-LOK SKT BR SN 18-22AWG



TE Part #2238016-1
VAL-U-LOK PIN BR SN 18-22AWG



TE Part #1-1969443-3
EP 2.5 TPA Retainer, 13 Pos



TE Part #1969612-6
6P FH PLUG VAL-U-LOK V0



TE Part #1-1969442-3
EP 2.5 TPA Housing, 13 Pos



TE Part #1969612-4
4P FH PLUG VAL-U-LOK V0



TE Part #2238020-1
VAL-U-LOK PIN BR TN 22-18 LP

Documents

Product Drawings

[2P FH PLUG VAL-U-LOK V0](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1969612-2_A_c-1969612-2-a.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1969612-2_A_c-1969612-2-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1969612-2_A_c-1969612-2-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

Agency Approvals

[UL Report](#)

English