



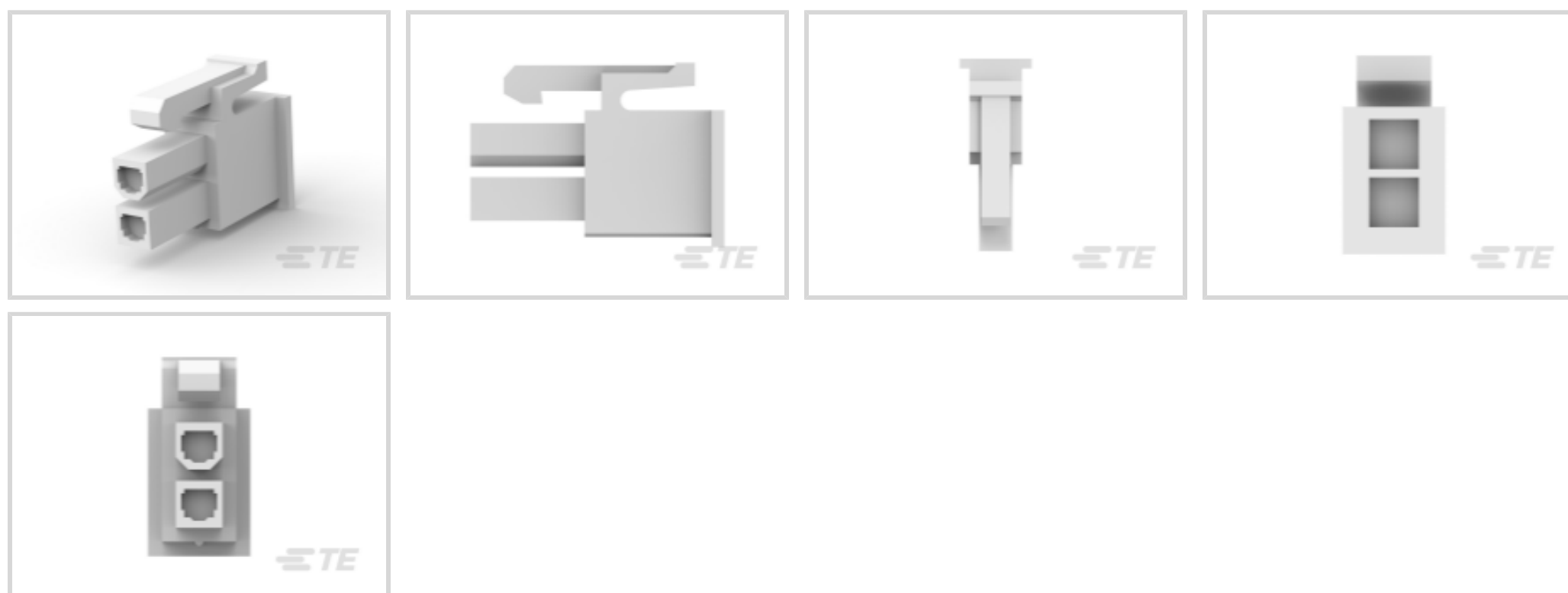
VAL-U-LOK

TE Internal #: 2296205-2

Rectangular Connector Housings, Wire-to-Wire, 2 Position, .165 in [4.2 mm] Centerline, 2 Row, Nylon, Receptacle, Socket, Wire & Cable, Power

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **2**

Centerline (Pitch): **4.2 mm [.165 in]**

Number of Rows: **2**

Housing Material: **Nylon**

Features

Product Type Features

Connector System	Wire-to-Wire
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Insertion Force	15 Newton
Number of Positions	2
Number of Rows	2

Contact Features

Contact Type	Socket
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Mechanical Attachment

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

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Centerline (Pitch)	4.2 mm[.165 in]
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Housing Material	Nylon
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Dimensions

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
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Industry Standards

Glow Wire Rating	GWT 750°C (without flame) according IEC 60335-1 edition 06/2001
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Compatible With Agency/Standards Products	UL
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Compatible With Approved Standards Products	UL E28476
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UL Flammability Rating	UL 94V-0
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed 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 # 1586862-2
2P FH PLUG VAL-U-LOK FH GW



TE Part # 1586861-2
2P PM PLUG VAL-U-LOK PM GW



TE Part # 2296206-2
2P FH PLUG VAL-U-LOK FH GWT/V0



TE Part # 2296207-2
2P PM PLUG VAL-U-LOK PM GWT/V0

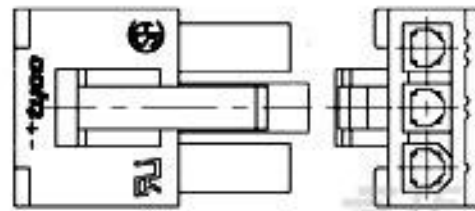
Customers Also Bought



TE Part #166293-1
LP HD20 COSI PIN CONTACT DF; 24-20 AWG



TE Part #2005247-1
PDL 2P PLUG 3.96(GWT) NAT



TE Part #2029112-3
3P RCPT SR VAL-U-LOK GW



TE Part #41727
250 FASTON REC 16-12 AWG BR



TE Part #2-1241961-7
STD TIM HOUSING MKII 3POS



TE Part #9-1241961-2
STD TIM HOUSING MKII 2POS



TE Part #927827-2
SPT REC 6.3 Contact SRC Sn



TE Part #1241965-6
STD-TIMER GEH 6P



TE Part #2-1241965-4
STD TIMER PLUG HSG 4P W/EXT. LOCKING



TE Part #2-1241965-6
6POS STD TIMER HOUSING W.EXT. LOCK

Documents

Product Drawings

2P RCPT VAL-U-LOK GWT/V0

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2296205-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2296205-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2296205-2_A.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English