

2-1586765-0 ✓ ACTIVE

VAL-U-LOK

TE Internal #: 2-1586765-0

Rectangular Connector Housings, Wire-to-Board / Wire-to-Wire, 20 Position, .165 in [4.2 mm] Centerline, 2 Row, Polyamide, Receptacle, Socket

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Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **20**

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

Number of Rows: **2**

Housing Material: **Polyamide**

Features

Product Type Features

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

Configuration Features

Insertion Force	15 Newton
Number of Positions	20
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Type	Socket
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Mechanical Attachment

Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Housing Color

White

Centerline (Pitch)

4.2 mm[.165 in]

Housing Material

Polyamide

Dimensions

Connector Height

11.8 mm[.464 in]

Product Width

20 mm[.787 in]

Product Length

43.2 mm[1.7 in]

Row-to-Row Spacing

4.2 mm[.165 in]

Usage Conditions

Operating Temperature Range

-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application

Power

Industry Standards

CSA Rating

208567

Glow Wire Rating

Glow Wire

Compatible With Agency/Standards Products

CSA, UL

Compatible With Approved Standards Products

UL E28476

UL Flammability Rating

UL 94V-2

Packaging Features

Packaging Method

Bag/Box

Product ComplianceFor 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 2023
(235)Candidate List Declared Against: JAN 2021
(211)

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 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 # 2-2296206-0
20P FH PLUG VAL-U-LOK FH GWT/V0



TE Part # 2-1586862-0
20P FH PLUG VAL-U-LOK FH GW



TE Part # 2-2296207-0
20P PM PLUG VAL-U-LOK PM GWT/V0



TE Part # 2-1586861-0
20P PM PLUG VAL-U-LOK PM GW

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

[20P RCPT VAL-U-LOK GW](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_2-1586765-0_D.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2-1586765-0_D.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2-1586765-0_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[VAL-U-LOK_GLOW_WIRE_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English