



VAL-U-LOK

TE Internal #: 1-2296206-2

Rectangular Connector Housings, Wire-to-Wire, 15 Newton Insertion Force, 12 Position, .165 in [4.2 mm] Centerline, 2 Row, Nylon, Plug, Socket

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Insertion Force: **15 Newton**

Number of Positions: **12**

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

Row-to-Row Spacing: **4.2 mm [.165 in]**

Features

Product Type Features

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

Configuration Features

Insertion Force	15 Newton
Number of Positions	12
Number of Rows	2

Contact Features

Contact Type	Socket
--------------	--------

Mechanical Attachment

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

Housing Features

--	--



Centerline (Pitch)	4.2 mm[.165 in]
--------------------	-----------------

Housing Material	Nylon
------------------	-------

Dimensions

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
---------------------	-------

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
--	---

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

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



Documents

Product Drawings

[12P FH PLUG VAL-U-LOK FH GWT/V0](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2296206-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2296206-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2296206-2_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English

1-2296206-2

Rectangular Connector Housings, Wire-to-Wire, 15 Newton Insertion Force, 12
Position, .165 in [4.2 mm] Centerline, 2 Row, Nylon, Plug, Socket

