

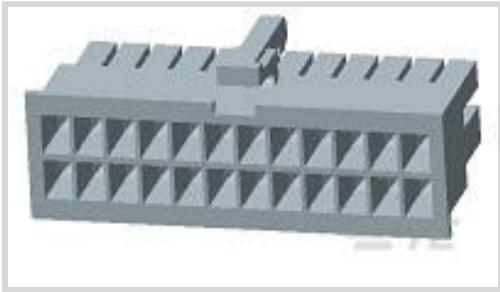


VAL-U-LOK

TE Internal #: 1-2296205-6
Wire-to-Wire, 16 Position, 4.2 mm [.165 in] Centerline, 2 Row,
Nylon, Receptacle, Socket, Wire & Cable, Power, Rectangular
Connector Housings

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Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: **Wire-to-Wire**
Number of Positions: **16**
Centerline (Pitch): **4.2 mm [.165 in]**
Number of Rows: **2**
Housing Material: **Nylon**

Features

Dimensions

Row-to-Row Spacing	4.2 mm[.165 in]
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Configuration Features

Insertion Force	15 Newton
Number of Positions	16
Number of Rows	2

Product Type Features

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

Contact Features

Contact Type	Socket
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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]
Housing Material	Nylon



Usage Conditions

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

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	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



TE Part # 1-2296206-6
16P FH PLUG VAL-U-LOK FH GWT/V0

TE Part # 1-1586861-6
16P PM PLUG VAL-U-LOK PM GW

TE Part # 1-2296207-6
16P PM PLUG VAL-U-LOK PM GWT/V0

TE Part # 1-1586862-6
16P FH PLUG VAL-U-LOK FH GW

Customers Also Bought

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

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

TE Part #CAT-D487-W416
WedgeLocks: DEUTSCH DT

TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings
16P RCPT VAL-U-LOK GWT/V0

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-2296205-6_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-2296205-6_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-2296205-6_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English