1-2296206-2 ✔ ACTIVE

VAL-U-LOK

TE Internal #: 1-2296206-2

12 Position, Plug, Housing, Wire-to-Wire, 4.2 mm [.165 in] Centerline, 2 Row, Wire & Cable, Power, Cable Mount (Free-Hanging)

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **12**

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

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
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

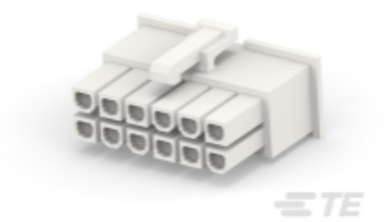
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

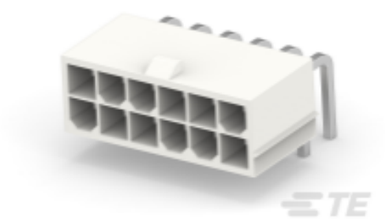
Product Compliance Disclaimer

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 # 1-2296205-2
12P RCPT VAL-U-LOK GWT/V0



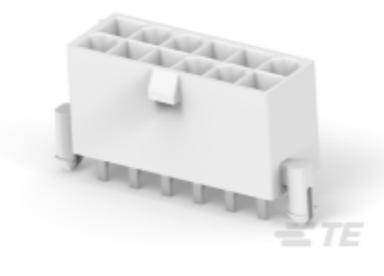
TE Part # 1-1586863-2
12P VAL-U-LOK R/A HDR GW



TE Part # 1-2029265-2
12P VAL-U-LOK VRTHDR W/PGS GW



TE Part # 1-1586768-2
12P VERT HDR VAL-U-LOK GW



TE Part # 1-2029059-2
12P VAL-U-LOK VRTHDR W/PGS GW



TE Part # 1-1586765-2
12P RCPT VAL-U-LOK GW

Customers Also Bought



TE Part #3-282002-5
AMP MONO-SHAPE TAB CONN 2P.



TE Part #2-1534796-8
AMP DUOPLUG MK2 CONNECTOR 8P



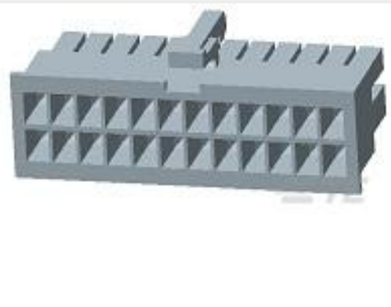
TE Part #8-1740533-3
AMP DUOPLUG POW CONNECTOR



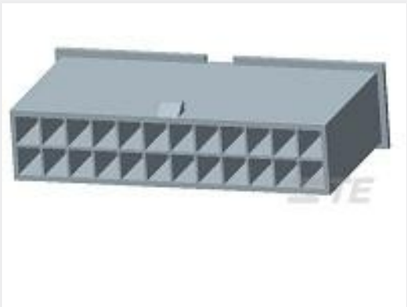
TE Part #1969608-8
8P VAL-U-LOK TPA 22-18 AWG



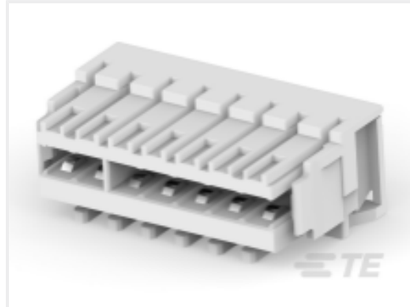
TE Part #1969609-6
6P VAL-U-LOK TPA 26-22 AWG



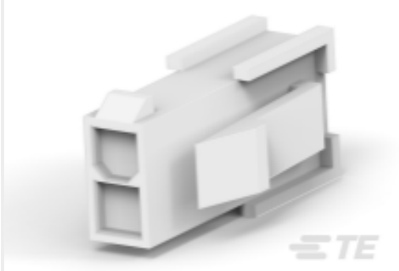
TE Part #1-2296205-6
16P RCPT VAL-U-LOK GWT/V0



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



TE Part #2306286-7
7P DUOPLUG MARK II SIDE LOCKING, FUL



TE Part #2321953-2
2P PM PLUG VAL-U-LOK PM GWT/V0



TE Part #2407711-3
Multifitting Mk2 assy V0 3P,10Asilver

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

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English