1-2296205-2 ✔ ACTIVE

VAL-U-LOK

TE Internal #: 1-2296205-2

12 Position, Receptacle, 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: **Receptacle**

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	Receptacle
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

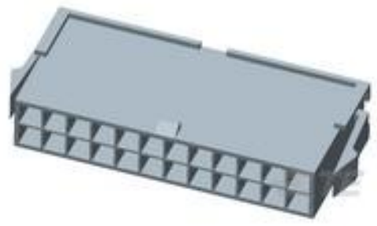
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) 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

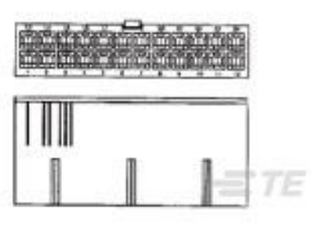
Product Compliance Disclaimer

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

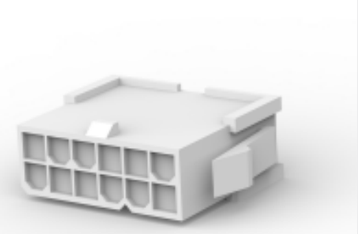
Compatible Parts



TE Part # 1-2296207-2
12P PM PLUG VAL-U-LOK PM GWT/V0



TE Part # 1-1586862-2
12P FH PLUG VAL-U-LOK FH GW

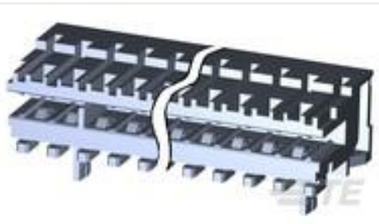


TE Part # 1-1586861-2
12P PM PLUG VAL-U-LOK PM GW

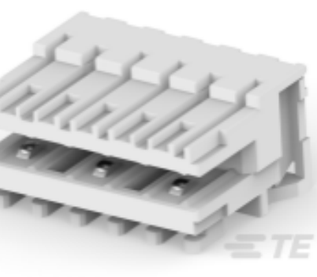


TE Part # 1-2296206-2
12P FH PLUG VAL-U-LOK FH GWT/V0

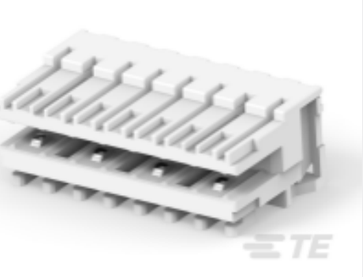
Customers Also Bought



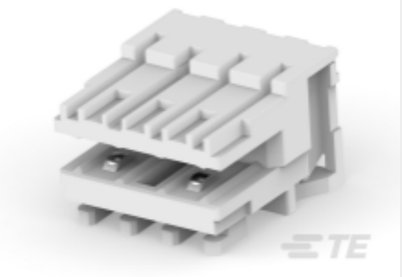
TE Part #3-1534796-3
AMP DUOPLUG MK2 CONNECTOR 3P



TE Part #6-1534798-5
AMP DUOPLUG 2.5 MK-II 5P SELEC. LOADED



TE Part #6-1534798-7
AMP DUOPLUG 2.5 MK-II 7P SELEC. LOADED



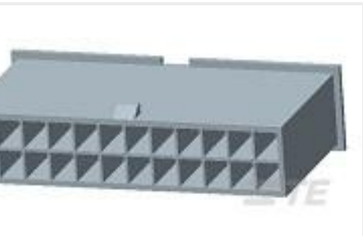
TE Part #8-1534798-3
DUOPLUG MK II, SEL, 3P



TE Part #1-1644055-2
UMNL 6 WAY PLUG HOUSING



TE Part #1969609-8
8P VAL-U-LOK TPA 26-22 AWG



TE Part #1-2296206-2
12P FH PLUG VAL-U-LOK FH GWT/V0



TE Part #2321953-6
6P PM PLUG VAL-U-LOK PM GWT/V0



TE Part #2407711-1
Multifitting Mk2 assy V0 1P,10Asilver

TE Part #2119780-1
DEPRESSOR, SHEAR

Documents

Product Drawings

12P RCPT VAL-U-LOK GWT/V0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2296205-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2296205-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2296205-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

1-1773730-3 VAL-U-LOK Connectors with TPA Flyer

English

val-u-lok-plus-flyer-v3

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English