



VAL-U-LOK

TE Internal #: 2-2296206-0
Wire-to-Wire, 20 Position, 4.2 mm [.165 in] Centerline, 2 Row,
Nylon, Plug, Socket, Wire & Cable, Power, Rectangular Connector
Housings
[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: **Wire-to-Wire**
Number of Positions: **20**
Centerline (Pitch): **4.2 mm [.165 in]**
Number of Rows: **2**
Housing Material: **Nylon**

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	20
Number of Rows	2

Contact Features

Contact Type	Socket
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Mechanical Attachment

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

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Centerline (Pitch)	4.2 mm[.165 in]
Housing Material	Nylon

Dimensions

Row-to-Row Spacing	4.2 mm[.165 in]
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Usage Conditions

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

Circuit Application	Power
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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

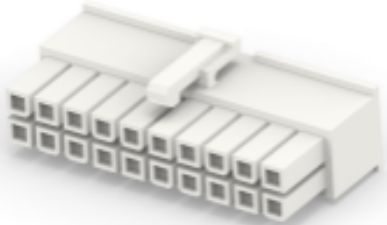
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

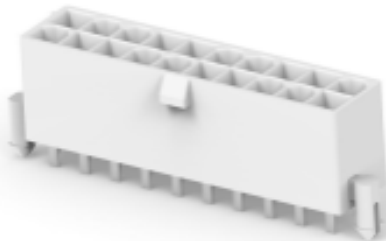




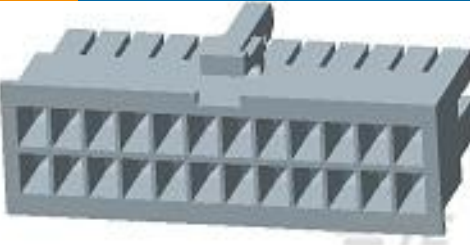
TE Part # 2-2029265-0
20P VAL-U-LOK VRTHDR W/PGS GW



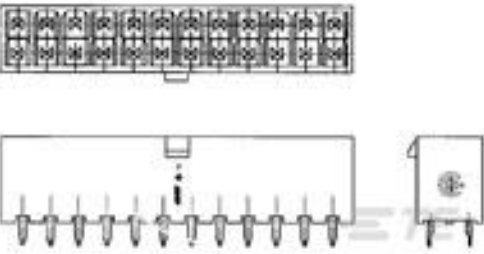
TE Part # 2-1586765-0
20P RCPT VAL-U-LOK GW



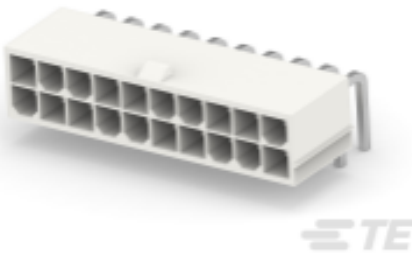
TE Part # 2-2029059-0
20P VAL-U-LOK VRTHDR W/PGS GW



TE Part # 2-2296205-0
20P RCPT VAL-U-LOK GWT/V0

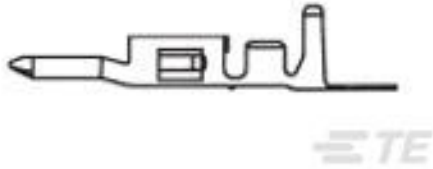


TE Part # 2-1586768-0
20P VERT HDR VAL-U-LOK GW

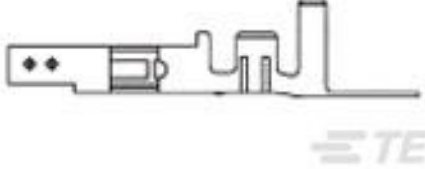


TE Part # 2-1586863-0
20P VAL-U-LOK R/A HDR GW

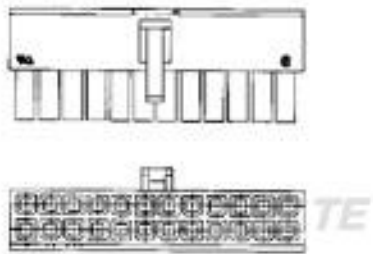
Customers Also Bought



TE Part #794955-3
VAL-U-LOK PIN PHBZ SN 22-18AWG



TE Part #2238019-1
VAL-U-LOK SKT BR SN 22-26AWG



TE Part #2-1586765-0
20P RCPT VAL-U-LOK GW

Documents

Product Drawings
20P FH PLUG VAL-U-LOK FH GWT/V0
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-2296206-0_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2-2296206-0_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2-2296206-0_A.3d_stp.zip
English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English