

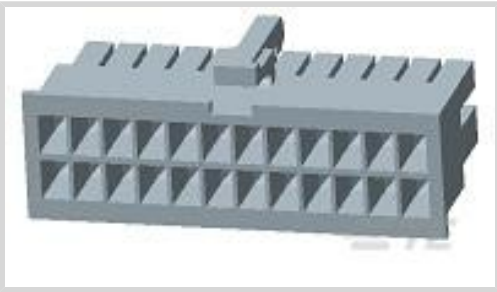


VAL-U-LOK

TE Internal #: 1-2296205-8  
Wire-to-Wire, 18 Position, 4.2 mm [.165 in] Centerline, 2 Row,  
Nylon, Receptacle, 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: **18**

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	Receptacle
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Insertion Force	15 Newton
Number of Positions	18
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 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 # 1-1586861-8  
18P PM PLUG VAL-U-LOK PM GW


TE Part # 1-2296206-8  
18P FH PLUG VAL-U-LOK FH GWT/V0

TE Part # 1-1586862-8  
18P FH PLUG VAL-U-LOK FH GW


TE Part # 1-2296207-8  
18P PM PLUG VAL-U-LOK PM GWT/V0



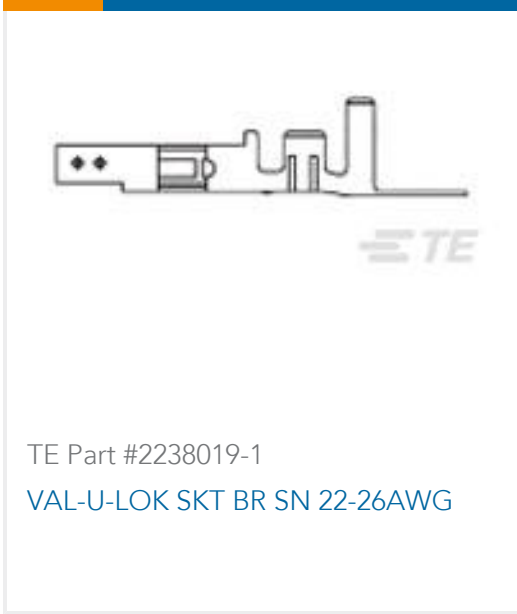
Customers Also Bought




TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



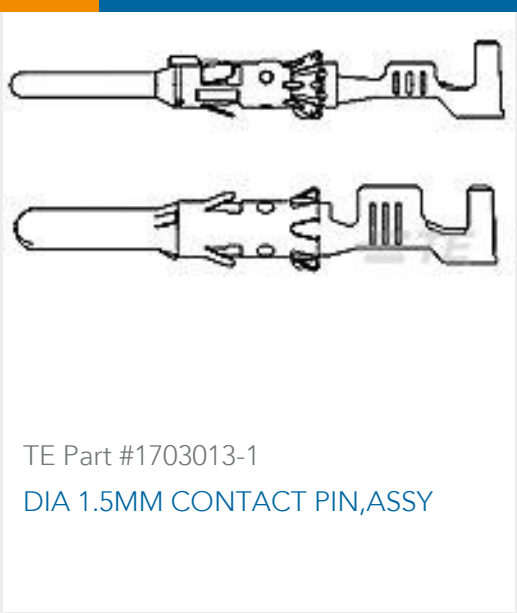
TE Part #965577-1  
COVER 90DEG




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



TE Part #5070104028  
RNF-100-1-X-SP



TE Part #1703013-1  
DIA 1.5MM CONTACT PIN, ASSY



TE Part #3-1447221-3  
S/S REC CONTACT ASSY, AU, 0.75-1.25

Documents

Product Drawings  
18P RCPT VAL-U-LOK GWT/V0  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1-2296205-8\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-2296205-8\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-2296205-8\_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

1-2296205-8

Wire-to-Wire, 18 Position, 4.2 mm [.165 in] Centerline, 2 Row, Nylon, Receptacle, Socket, Wire & Cable, Power, Rectangular Connector Housings



English