1-2296205-8 ✔ ACTIVE

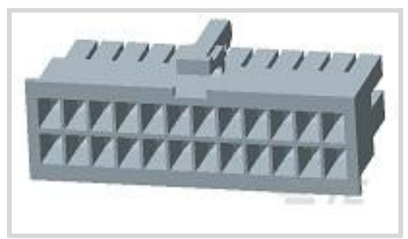
VAL-U-LOK

TE Internal #: 1-2296205-8

18 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: **18**

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	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

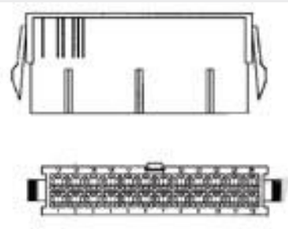
For compliance documentation, visit the product page on TE.com>

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 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

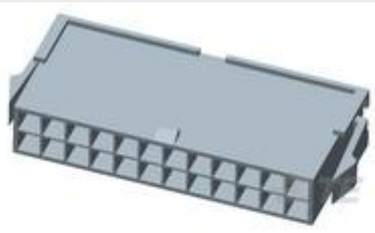
Product Compliance Disclaimer

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

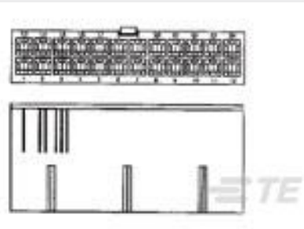
Compatible Parts



TE Part # 1-1586861-8
18P PM PLUG VAL-U-LOK PM GW



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



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



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

Customers Also Bought



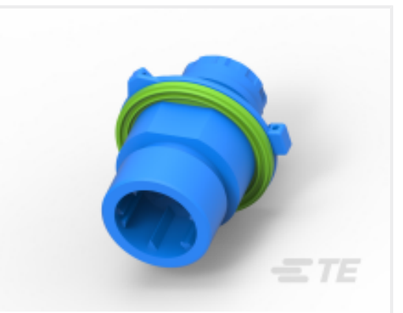
TE Part #5070104028
RNF-100-1-X-SP



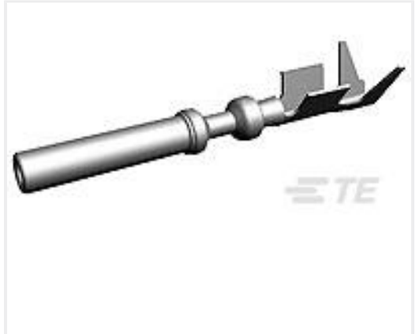
TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #965577-1
COVER 90DEG



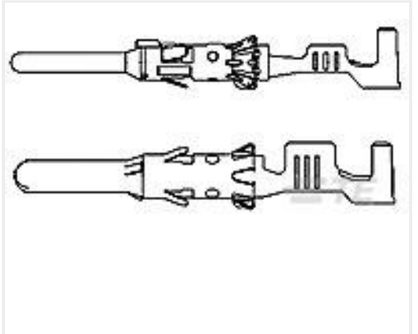
TE Part #CAT-C4962-CH8172
Circular DIN Housings



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



TE Part #1586317-1
VAL-U-LOK SKT BR SN 26-22 LP



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



TE Part #1-1827872-0
DYNAMIC 1100D HDR ASSY V 40PX BLACK GOLD

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

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English