1-1586019-4 ✔ ACTIVE

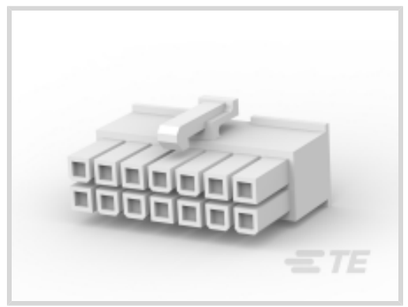
VAL-U-LOK

TE Internal #: 1-1586019-4

Housing, Receptacle, Wire-to-Board / Wire-to-Wire, 14 Position, 4.2 mm [.165 in] Centerline, Wire & Cable, UL 94V-0, Rectangular Power Connectors

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors







EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board, Wire-to-Wire**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Insertion Force	15 Newton
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	14
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Multiple Contact Types	With
Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Compatible Insulation Diameter Range	1.2 – 3.1 mm[.047 – .122 in]
Product Width	20 mm[.787 in]
Product Length	30.6 mm[1.204 in]
Connector Height	11.8 mm[.464 in]
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 & Signal

Identification Marking

Circuit Identification Feature	With

Industry Standards

Compatible With Agency/Standards Products	UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable 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 # 1-1586038-4
14P VRT HDR VAL-U-LOK V0



TE Part # 1-1586017-4
14P FH PLUG VAL-U-LOK V0



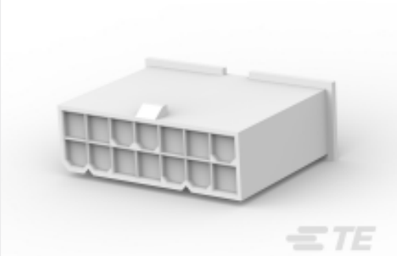
TE Part # 1-1586018-4
14P PM PLUG VAL-U-LOK V0



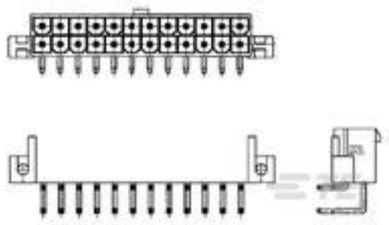
TE Part # 1-1586042-4
14P VAL-U-LOK R/A HDR V0



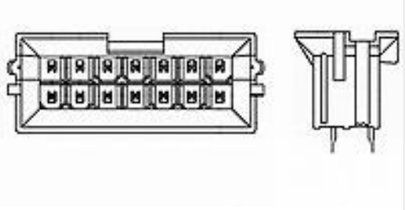
TE Part # 1-1586040-4
14P VAL-U-LOK VRT HDR W/P V0



TE Part # 1-1969612-4
14P FH PLUG VAL-U-LOK V0



TE Part # 1-1586044-4
14P VAL-U-LOK R/A HDR SCRMT V0



TE Part # 1-1586588-4
14P VAL-U-LOK BMI VRTHDR V0

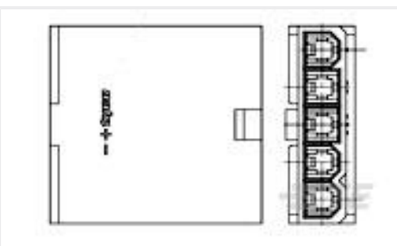


TE Part # 2029100-4
4P RCPT VAL-U-LOK V0 BLUE

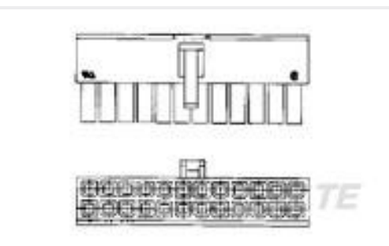
Customers Also Bought



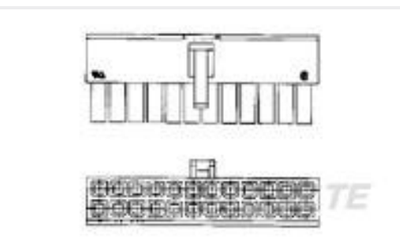
TE Part #1-327717-2
PIDG SPD 22-16 COMM 22-18MIL 4



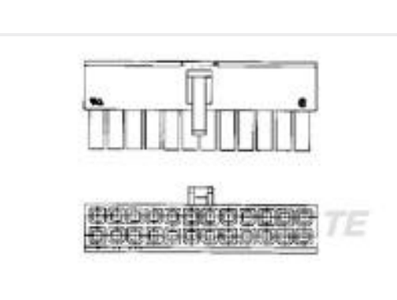
TE Part #1586103-3
3P PLUG VAL-U-LOK SR FH V2



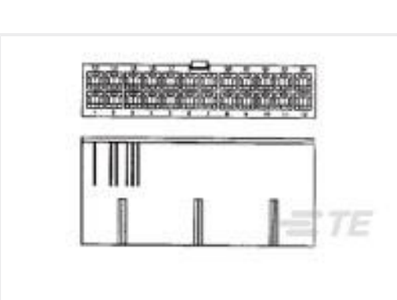
TE Part #1-1586019-2
12P RCPT VAL-U-LOK V0



TE Part #1-1586019-0
10P RCPT VAL-U-LOK V0



TE Part #1586019-4
4P RCPT VAL-U-LOK V0



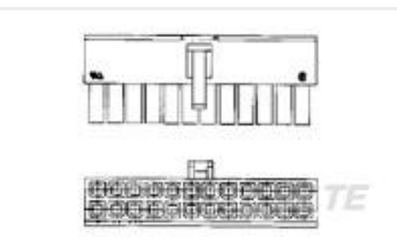
TE Part #1586017-2
2P FH PLUG VAL-U-LOK V0



TE Part #62109-1
250 FASTON REC 18-14 AWG BR



TE Part #1-1586019-8
18P RCPT VAL-U-LOK V0



TE Part #1-1586019-6
16P RCPT VAL-U-LOK V0



TE Part #1-1586017-0
10P FH PLUG VAL-U-LOK V0

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1586019-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1586019-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1586019-4_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English