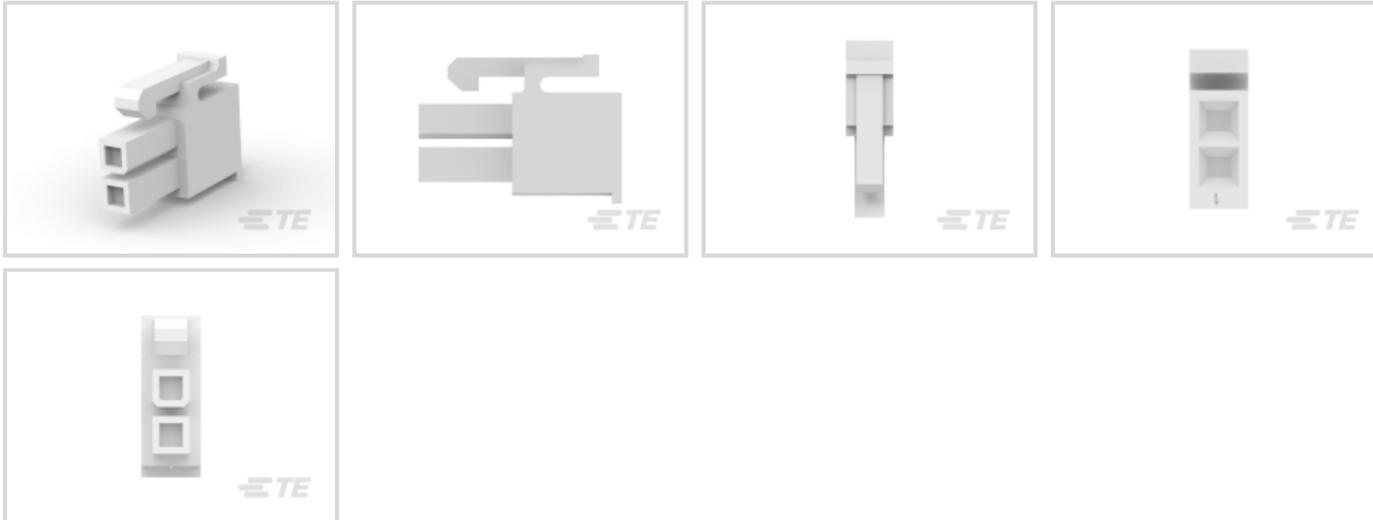# 794954-2 ✔ ACTIVE

VAL-U-LOK

TE Internal #: 794954-2

2 Position, Receptacle, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-2, 4.2 mm [.165 in] Centerline, 2 Row, 600 VAC, Wire & Cable

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors

Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Contact Retention Within Housing: **Without**

UL Flammability Rating: **UL 94V-2**

Features

Product Type Features

Connector Product 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
Number of Positions	2
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Natural

794954-2

2 Position, Receptacle, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-2, 4.2 mm [.165 in] Centerline, 2 Row, 600 VAC, Wire & Cable

Contact Features

Multiple Contact Types	Without
Contact Layout	Inline
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 Material	Nylon

Dimensions

Compatible Insulation Diameter Range	1.2 – 3.1 mm[.047 – .122 in]
Connector Width	20 mm[.787 in]
Connector Height	10.8 mm[.425 in]
Connector Length	5.4 mm[.21 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	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	208567
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

794954-2

2 Position, Receptacle, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-2, 4.2
mm [.165 in] Centerline, 2 Row, 600 VAC, Wire & Cable

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

Product Compliance

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

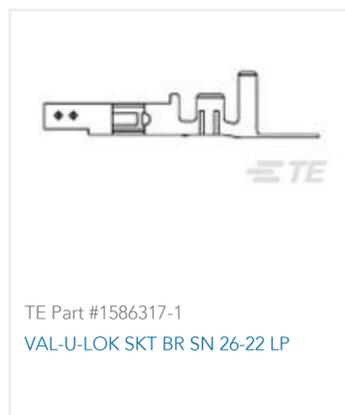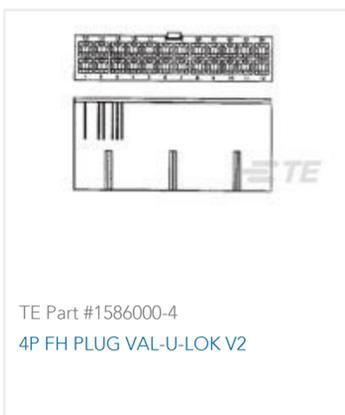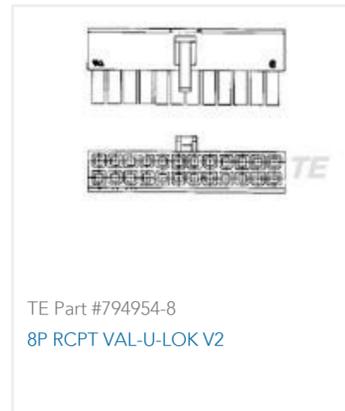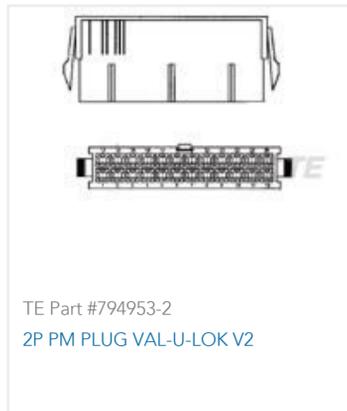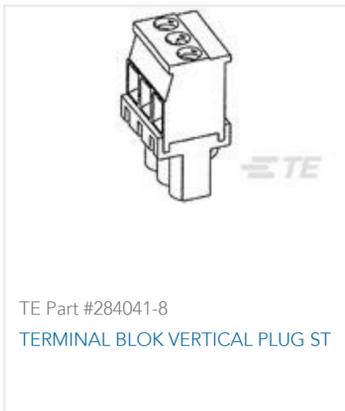|	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2415884-2
2P VERT HDR VAL-U-LOK V2

TE Part # 1586041-2
2P VAL-U-LOK R/A HDR V2

TE Part # 1586000-2
2P FH PLUG VAL-U-LOK V2

TE Part # 1586037-2
2P VERT HDR VAL-U-LOK V2

2 Position, Receptacle, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-2, 4.2 mm [.165 in] Centerline, 2 Row, 600 VAC, Wire & Cable

TE Part # 2825272-2
2P VERT HDR VAL-U-LOK HCS GW

TE Part # 794550-2
02P DUAC PLUG HSG 94V-2 PAN MT

TE Part # 794953-2
2P PM PLUG VAL-U-LOK V2

TE Part # 1586043-2
2P VAL-U-LOK R/A HDR SCR MT V2

TE Part # 2029097-2
2P RCPT VAL-U-LOK V2 BLUE

TE Part # 1586039-2
2P VAL-U-LOK VRT HDR W/P V2

TE Part # 2825274-2
2P VAL-U-LOK HCS VRTHDR W/PGS GW

TE Part # 1969598-2
2P FH PLUG VAL-U-LOK V2

Customers Also Bought

TE Part #284041-8
TERMINAL BLOK VERTICAL PLUG ST

TE Part #794953-2
2P PM PLUG VAL-U-LOK V2

TE Part #794953-6
6P PM PLUG VAL-U-LOK V2

TE Part #794954-8
8P RCPT VAL-U-LOK V2

TE Part #1586000-4
4P FH PLUG VAL-U-LOK V2

TE Part #1586316-1
VAL-U-LOK PIN BR SN 26-22 LP

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

TE Part #2-1775485-1
Battery Holder, 3.6mm, BLK,low profile

TE Part #2-1879498-8
CRGH1206 5% 180K 0.5W

TE Part #1986720-2
STR PLUG SPRING TYPE RH 2P, 3.81 mm

Documents

794954-2

2 Position, Receptacle, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-2, 4.2 mm [.165 in] Centerline, 2 Row, 600 VAC, Wire & Cable

Product Drawings

2P RCPT VAL-U-LOK V2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794954-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794954-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794954-2_E.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

English