

1-794953-4 ✓ ACTIVE



VAL-U-LOK

TE Internal #: 1-794953-4

Rectangular Connector Housings, Wire-to-Wire / Wire-to-Panel, 15 Newton Insertion Force, 14 Position, .165 in [4.2 mm] Centerline, 2 Row, Nylon, Plug

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Insertion Force: **15 Newton**

Number of Positions: **14**

Centerline (Pitch): **4.2 mm [.165 in]**

Row-to-Row Spacing: **4.2 mm [.165 in]**

Features

Product Type Features

Connector System	Wire-to-Panel, Wire-to-Wire
Connector & Housing Type	Plug
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Type	Housing
Product Type	Connector
Wire/Cable Type	Discrete Wire
Glow Wire Rating	Standard Part - Not Glow Wire

Configuration Features

Number of Signal Positions	14
Insertion Force	15 Newton
Number of Positions	14
Number of Rows	2

Electrical Characteristics



Operating Voltage	600 VAC
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Body Features

Color	Black
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Contact Features

Contact Layout	Matrix
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Contact Type	Pin
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Contact Transmits (Typical)	Signal (Data)
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Mechanical Attachment

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

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

Row-to-Row Spacing	4.2 mm [.165 in]
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Accepts Wire Insulation Diameter Range	1.2 – 3.1 mm [.047 – .122 in]
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Height	9.6 mm [.378 in]
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Length	30.6 mm [1.204 in]
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Width	23.9 mm [.94 in]
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Usage Conditions

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

Assembly Integration Feature	Without
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Circuit Application	Power
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For Use With	Printed Circuit Board
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

CSA Rating	208567
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Agency/Standard	CSA, UL
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CSA File Number	208567
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VDE Tested	No
UL File Number	E28476
UL Flammability Rating	UL 94V-2
UL Rating	Recognized

Packaging Features

Packaging Quantity	500
Packaging Method	Bag/Box

Product Compliance

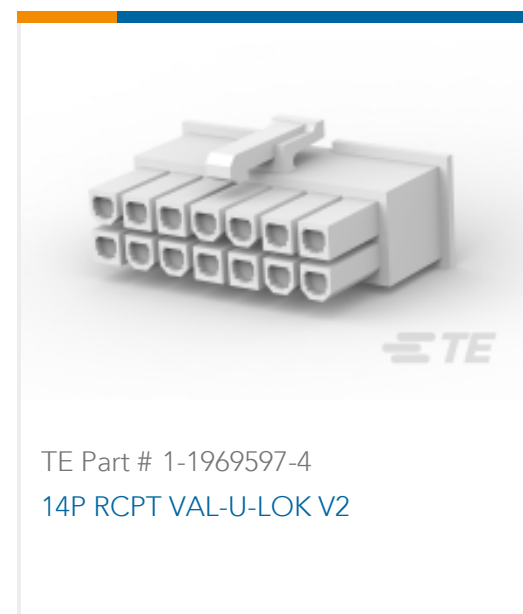
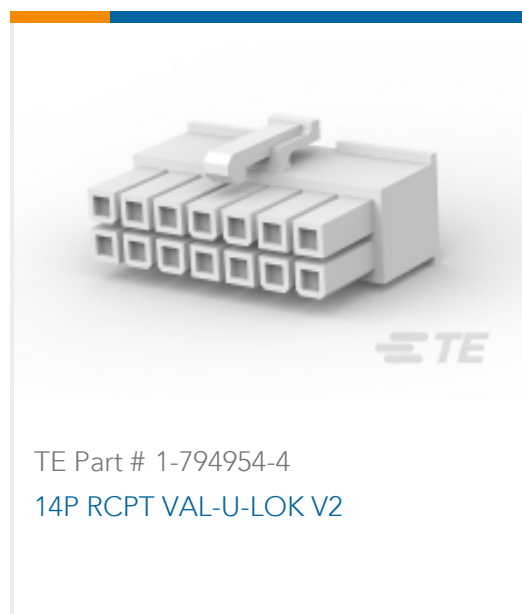
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



Documents

Product Drawings

14P PM PLUG VAL-U-LOK V2

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-794953-4_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794953-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794953-4_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