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 >



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	

## 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



Operating Voltage       600 VAC         Body Features       Elack         Contact Features       Elack         Contact Features       Matrix         Contact Layout       Matrix         Contact Transmits (Typical)       Signal (Data)         Mechanical Attachment       Cable Mount (Free-Hanging), Panel Mound (Fr	
ColorBlackColorBlackContact FeaturesMatrixContact TypeMatrixContact TypeSignal (Data)Contact Transmits (Typical)Signal (Data)Mechanical AttachmentCable Mount (Free-Hanging), Panel MoConnector Mounting TypeCable Mount (Free-Hanging), Panel MoHousing FeaturesCatter (Pitch)Centerline (Pitch)Alor m(1.65 in]Housing ColorNutralHousing ColorNaturalPow-to-Row Spacing4.2 mm(1.65 in]Accepts Wire Insulation Diameter Range1.2 - 3.1 mm(047122 in]Height9.6 mm(1.204 in]Iongth3.0 cmm(1.204 in]Width3.0 mm(1.204 in]Width3.0 mm(1.204 in]WidthJoeranting Temperature RangeOperating Temperature Range-40 - 105 °C(-40 - 221 °F)Contact SplicationAttachmentContact SplicationAttachmentContact Splication-40 - 105 °C(-40 - 221 °F)Contact Splication-40 - 105 °C(-40 - 221 °F)Contact Splication-40 - 105 °C(-40 - 221 °F)	
Contact Features         Contact Layout       Matrix         Contact Type       Pin         Contact Transmits (Typical)       Signal (Data)         Mechanical Attachment       Cable Mount (Free-Hanging), Panel Mot         Connector Mounting Type       Cable Mount (Free-Hanging), Panel Mot         Housing Features       Contectine (Pitch)         Contertine (Pitch)       4.2 mm[.165 in]         Housing Color       Natural         Row-to-Row Spacing       4.2 mm[.165 in]         Accepts Wire Insulation Diameter Range       1.2 – 3.1 mm[.047 – .122 in]         Height       9.6 mm[.378 in]         Length       30.6 mm[.1204 in]         Width       23.9 mm[.94 in]         Usage Conditions       -40 – 105 °C[-40 – 221 °F]         Operating Temperature Range       -40 – 105 °C[-40 – 221 °F]	
Contact Layout       Matrix         Contact Type       Pin         Contact Transmits (Typical)       Signal (Data)         Mechanical Attachment       Cable Mount (Free-Hanging), Panel Mout         Connector Mounting Type       Cable Mount (Free-Hanging), Panel Mout         Housing Features       Cable Mount (Free-Hanging), Panel Mout         Centerline (Pitch)       4.2 mm[.165 in]         Housing Color       Nylon         Dmensions       Natural         Row-to-Row Spacing       4.2 mm[.165 in]         Accepts Wire Insulation Diameter Range       1.2 – 3.1 mm[.047 – .122 in]         Height       9.6 mm[.378 in]         Length       30.6 mm[.1204 in]         Width       23.9 mm[.94 in]         Variations       Coperating Temperature Range         Operating Temperature Range       -40 – 105 °C[-40 – 221 °F]         Operating Temperature Range       Muthout	
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Housing Features         Centerline (Pitch)       4.2 mm[.165 in]         Housing Material       Nylon         Housing Color       Natural         Housing Color       Natural         Row-to-Row Spacing       4.2 mm[.165 in]         Accepts Wire Insulation Diameter Range       1.2 – 3.1 mm[.047 – .122 in]         Height       9.6 mm[.378 in]         Length       3.0.6 mm[.1204 in]         Width       2.3.9 mm[.94 in]         Operating Temperature Range       40 – 105 °C[-40 – 221 °F]         Assembly Integration Feature       Without	
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Usage Conditions       -40 – 105 °C[-40 – 221 °F]         Operation/Application       -40 – 105 °C[-40 – 221 °F]         Assembly Integration Feature       Without	
Operating Temperature Range       -40 – 105 °C[-40 – 221 °F]         Operation/Application       -40 – 105 °C[-40 – 221 °F]         Assembly Integration Feature       Without	
Operation/Application Assembly Integration Feature Without	
Assembly Integration Feature Without	
Circuit Application Power	
For Use With Printed Circuit Board	
Identification Marking	
Circuit Identification Feature With	
Industry Standards	
CSA Rating 208567	
Agency/Standard CSA, UL	
CSA File Number 208567	

**C** For support call+1 800 522 6752

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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>	
•	
For compliance documentation, visit the product page on TE.com>	Compliant
For compliance documentation, visit the product page on TE.com> EU RoHS Directive 2011/65/EU	Compliant Not Yet Reviewed
For compliance documentation, visit the product page on TE.com>	Compliant Not Yet Reviewed No Restricted Materials Above Threshold
For compliance documentation, visit the product page on TE.com> EU RoHS Directive 2011/65/EU EU ELV Directive 2000/53/EC	Not Yet Reviewed

### 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-onreach

# **Compatible Parts**

### 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





## 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

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## Datasheets & Catalog Pages SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG

English

Product Specifications Application Specification

English

Agency Approvals UL Report

English