2-794953-2 ✔ ACTIVE

VAL-U-LOK

TE Internal #: 2-794953-2

Rectangular Power Connectors, Housing, Plug, Wire-to-Panel / Wire-to-Wire, 22 Position, 4.2 mm [.165 in] Centerline, Wire & Cable, UL 94V-2

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **22**

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

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Panel, 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	22
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Contact Layout	Matrix

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Contact Retention Within Housing	Without
Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Connector Height	9.6 mm[.378 in]
Product Width	23.9 mm[.94 in]
Product Length	47.4 mm[1.866 in]
Compatible Insulation Diameter Range	1.2 – 3.1 mm[.047 – .122 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

CSA Rating	208567
UL Rating	Recognized
Agency/Standard	CSA, UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	400

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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 2023 (235) Candidate List Declared Against: JAN 2021 (211) 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
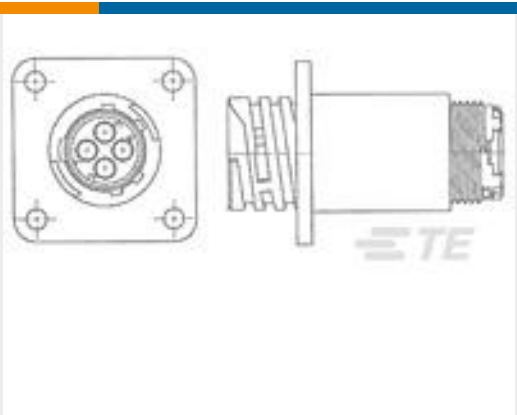
Compatible Parts

TE Part # 2-794954-2
22P RCPT VAL-U-LOK V2

TE Part # 2-1969597-2
22P RCPT VAL-U-LOK V2

Customers Also Bought

2-794953-2

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TE Part #788158-2
SLD CPC RCPT ASSY,13-9,STD SEX

TE Part #HDP26-24-47PE-L017
PLG, 47P, BLK, E, RNG, 16/20, P

TE Part #DT04-12PA-E004
REC, 12P, BLK, N, A

TE Part #DT06-6S-CE13
PLG, 6P, BLK, E, SEAL RET, XCAP

TE Part #1318389-1
TH/.025 CONNECTOR SYSTEM, HOUSING

TE Part #925603-2
FF 250 REC 0.5-1.5MM2 TPPB LP

TE Part #8638622003
RNF-3000-18/6-0-STK

TE Part #643030-2
05P UMNL STR/REL V2 NATL

Documents

Product Drawings
22P PM PLUG VAL-U-LOK V2

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2-794953-2_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2-794953-2_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2-794953-2_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

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English