

VAL-U-LOK

TE Internal #: 2029178-4

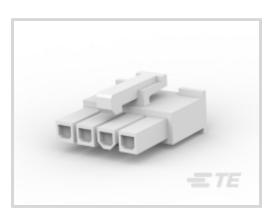
Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Board, 4 Position, 4.2 mm [.165 in] Centerline, Wire &

Cable, UL 94V-2

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors











Rectangular Power Connector Type: Housing

Connector & Housing Type: Receptacle

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

Number of Positions: 4

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

Features

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

Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Contact Retention Within Housing	Without
Contact Type	Receptacle



Termination Features

Connector Mounting Type Conterline (Pitch) Conterline (Pitch) Connector Height Reduct Length 18 mm(.708 in] Product Length 19.8 mm(.708 in] Conpatible Insulation Diameter Range L2 - 3.1 mm(.047122 in) Conpatible Insulation Diameter Range Congrating Temperature Range		
Connector Mounting Type Contectine (Pitch) Contectine (Pitch) Connector Connector Connector Height Connector Length Connector Length Connector Length Connector Length Connector Length Connector Range Connector Range Connector Height Connector Height Product Width Ramm[.799 in] Connector Length Connector Height Connector Height Product Length Connector Height Product Length Connector Height Ramm[.799 in] Ramm[.	Termination Method to Wire & Cable	Crimp
Centerline (Pitch) 4.2 mm, 165 in) Housing Color White Housing Material Nylon 6 Connector Height 7.5 mm, 295 in] Product Width 18 mm, 708 in] Product Length 19.8 mm, 799 in] Compatible Insulation Diameter Range 12.3 .1 mm, 1047 .122 in] Jasage Conditions Operating Temperature Range 40 105 °C[40 221 °F] Operation/Application Circuit Application Circuit Application Feature With Industry Standards CSA Rating 208567 UL Rating Recognized Approved Standards UL E28476 Ul Flammability Rating UI 94V-2 Glow Wire Rating Own 1000 Packaging Features Packaging Guantity 1000	Mechanical Attachment	
Centerline (Pitch) Housing Color Housing Material Nylon 6 Connector Height Product Width Product Length Product Width Product Length Product Length Product Width	Connector Mounting Type	Panel Mount
Housing Color Housing Material Nylon 6 Connector Height 7.5 mm .295 in Product Width 18 mm[.708 in] Product Length 19.8 mm[.779 in] Compatible Insulation Diameter Range 1.2—3.1 mm[.047 – .122 in] Compatible Insulation Diameter Range 2.2—3.1 mm[.047 – .122 in] Compatible Insulation Diameter Range 3.2—3.1 mm[.047 – .122 in] Compatible Insulation Diameter Range 3.2—3.1 mm[.047 – .122 in] Compatible Insulation Compatible Insulation Diameter Range 3.2—3.1 mm[.047 – .122 in] Compatible Insulation Compatibl	Housing Features	
Housing Material Product Vidth Product Width Product Length Produ	Centerline (Pitch)	4.2 mm[.165 in]
Connector Height 7.5 mm [.295 in] Product Width 18 mm [.708 in] Product Length 19.8 mm [.779 in] Compatible Insulation Diameter Range 1.2 – 3.1 mm [.047 – .122 in] Usage Conditions Operating Temperature Range 40 – 105 °C[.40 – 221 °F] Operation/Application Circuit Application Poature With Mithematics Standards Circuit Identification Feature With Mithematics Standards CSA Rating 208567 UL Rating Recognized Agency/Standard CSA, UL Approved Standards UL E28476 UL Flammability Rating GWT 750°C (Without Flame) Packaging Features Packaging Quantity 1000	Housing Color	White
Connector Height 7.5 mm[.295 in] Product Width 18 mm[.708 in] Product Length 19.8 mm[.779 in] Compatible Insulation Diameter Range 1.2 - 3.1 mm[.047122 in] Isage Conditions Operating Temperature Range 40 - 105 °C[-40 - 221 °F] Operation/Application Circuit Application Peature With Industry Standards CSA Rating 208567 UI. Rating Recognized Agency/Standard CSA, UI. Approved Standards UL E28476 UL Flammability Rating UL 94V-2 Glow Wire Rating GWT 750°C (Without Flame) Packaging Peatures Packaging Quantity 1000	Housing Material	Nylon 6
Product Width Product Length Product	Dimensions	
Product Length 19.8 mm[.779 in] Compatible Insulation Diameter Range 1.2 – 3.1 mm[.047 – .122 in] Sage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Circuit Application Peature With Industry Standards UL Rating 208567 UL Rating Recognized Agency/Standard CSA, UL Approved Standards UL E28476 UL Flammability Rating UL 94V-2 Glow Wire Rating GWT 750°C (Without Flame) Packaging Quantity 1000	Connector Height	7.5 mm[.295 in]
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UL Rating Agency/Standard CSA, UL Approved Standards UL Flammability Rating UL 94V-2 Glow Wire Rating Cackaging Features Packaging Quantity Recognized CSA, UL UL 928476 UL 94V-2 GWT 750°C (Without Flame) 1000	Industry Standards	
Agency/Standard CSA, UL Approved Standards UL E28476 UL Flammability Rating UL 94V-2 Glow Wire Rating GWT 750°C (Without Flame) Packaging Features Packaging Quantity 1000	CSA Rating	208567
Approved Standards UL Flammability Rating UL 94V-2 Glow Wire Rating Cackaging Features Packaging Quantity UL 94V-2 1000	UL Rating	Recognized
UL Flammability Rating Glow Wire Rating Packaging Features Packaging Quantity UL 94V-2 GWT 750°C (Without Flame) 1000	Agency/Standard	CSA, UL
Glow Wire Rating Packaging Features Packaging Quantity GWT 750°C (Without Flame) 1000	Approved Standards	UL E28476
Packaging Features Packaging Quantity 1000	UL Flammability Rating	UL 94V-2
Packaging Quantity 1000	Glow Wire Rating	GWT 750°C (Without Flame)
	Packaging Features	
Packaging Method Package	Packaging Quantity	1000
	Packaging Method	Package

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 2022 (223) 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





Customers Also Bought



















TE Part #414705-E CODEZT STVCUE COLS * 172 CODIERUNG 4 414

Documents

Product Drawings

4P SR RCPT VAL-U-LOK GW

English

CAD Files

Customer View Model

ENG_CVM_2029178-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_2029178-4_A.3d_stp.zip

English

Customer View Model

ENG_CVM_2029178-4_A.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

VAL-U-LOK_GLOW_WIRE_CONNECTORS

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Board, 4 Position, 4.2 mm [.165 in] Centerline, Wire & Cable, UL 94V-2



English

Agency Approvals

UL Report

English