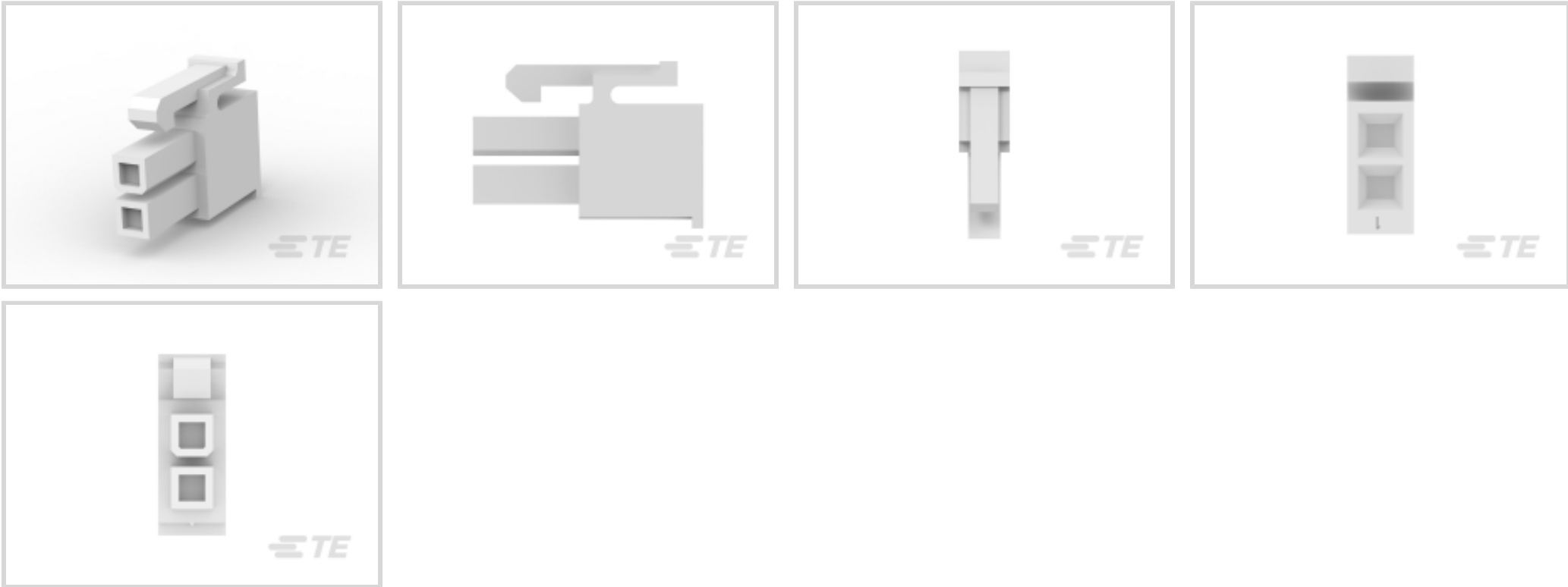




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **2**

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	2
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without



Contact Type	Receptacle
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Centerline (Pitch)	4.2 mm[.165 in]
Housing Color	White
Housing Material	Polyamide

Dimensions

Connector Height	10.8 mm[.425 in]
Product Width	20 mm[.787 in]
Product Length	5.4 mm[.213 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]
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Operation/Application

Circuit Application	Power & Signal
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Identification Marking

Circuit Identification Feature	With
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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	GWT 750°C (Without Flame)

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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



TE Part # 1586862-2
2P FH PLUG VAL-U-LOK FH GW



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



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



TE Part # 1586861-2
2P PM PLUG VAL-U-LOK PM GW



TE Part # 2296206-2
2P FH PLUG VAL-U-LOK FH GWT/V0

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

TE Part # 2296207-2
2P PM PLUG VAL-U-LOK PM GWT/V0

Customers Also Bought

TE Part #647845-4
SERIES 50 HOUSING,GRAY

TE Part #647893-3
SRS 50 CONN KIT,RED,10-12AWG

TE Part #2-31807-3
TERMINAL, SOLIS R 8 10

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

TE Part #1586043-4
4P VAL-U-LOK R/A HDR SCR MT V2

TE Part #1-1969608-1
11P VAL-U-LOK TPA 22-18 AWG

TE Part #7-2213766-9
AV19 DPL 5A POWER LED BLUE 24V

Documents

Product Drawings
2P RCPT VAL-U-LOK GW

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1586765-2_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1586765-2_D.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1586765-2_D.3d_stp.zip

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

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English

Agency Approvals

UL Report

English