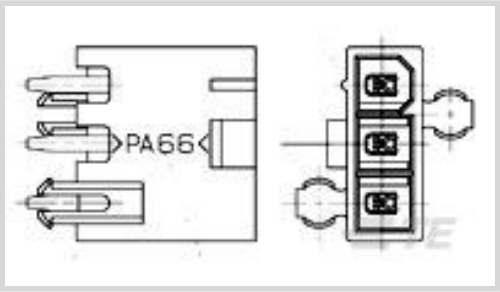




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **3**

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

Features

Product Type Features

Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	3
PCB Mount Orientation	Vertical
Number of Power Positions	3
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	9 A
Contact Retention Within Housing	Without
Contact Type	Pin



PCB Contact Termination Area Plating Material	Tin
Termination Features	
Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Mating Alignment Type	Keyed
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	Latch
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	4.2 mm[.165 in]
Housing Color	White
Housing Material	Nylon
Dimensions	
Connector Height	12.8 mm[.504 in]
PCB Thickness (Recommended)	.06 mm[1.6 in]
Product Width	5.4 mm[.213 in]
Product Length	13.8 mm[.543 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	Power
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-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag, Box & Tray
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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	Wave solder capable to 240°C

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 # 1586102-3
3P PLUG VAL-U-LOK SR PM V0

TE Part # 1586104-3
3P PLUG VAL-U-LOK SR FH V0

Customers Also Bought

TE Part #1-1879074-1
THS15 3R3 5%

TE Part #1-1586038-2
12P VRT HDR VAL-U-LOK V0

TE Part #282836-2
TERMI-BLOK PCB MOUNT 90 2P.

TE Part #2176370-1
RQ 0603 432R 0.1% 10PPM 5K RL

TE Part #3-2176370-3
RQ 0603 931R 0.1% 10PPM 5K RL

TE Part #7-2176392-5
RQ 1206 787K 0.1% 10PPM 5K RL

TE Part #3-641214-2
02P MTA100 HDR ASSY PO/RA LF

TE Part #3-1625868-8
RP 2A 0.25W 13R 0.1% 25PPM 1K RL

TE Part #9-1879140-2
RN 0603 165K 0.1% 10PPM 5K RL

TE Part #6-2176367-5
RQ 0603 21K5 0.1% 10PPM 1K RL

Documents

Product Drawings

3P VAL-U-LOK SR HDR SN V0 WODH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2029167-3_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2029167-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2029167-3_A.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_SINGLE_ROW_HEADERS](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English