1-1969597-8 ✔ ACTIVE

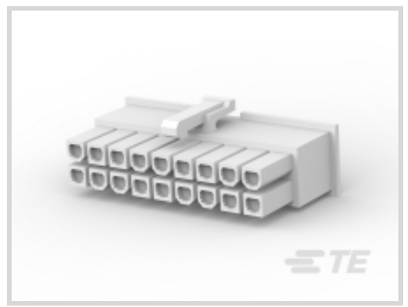
VAL-U-LOK

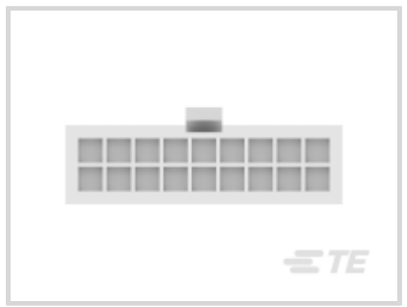
TE Internal #: 1-1969597-8

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Board, 18 Position, 4.2mm [.165in] 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: **Receptacle**

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

Number of Positions: **18**

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

Number of Positions	18
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	4.2 mm[.165 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Dimensions

Row-to-Row Spacing	4.2 mm[.165 in]
Height	11.7 mm[.461 in]
Length	39 mm[1.535 in]
Width	19.8 mm[.779 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	500

Other

For Use With	Receptacle Housing

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	Not Yet Reviewed
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: JAN 2021 (211) 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 reviewed 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 # 1-794953-8
18P PM PLUG VAL-U-LOK V2



TE Part # 1-1586000-8
18P FH PLUG VAL-U-LOK V2



TE Part # 1-1969598-8
18P FH PLUG VAL-U-LOK V2



TE Part # 1-1969599-8
18P PM PLUG VAL-U-LOK V2

TE Part # 1-2029027-8
18P PLUG VAL-U-LOK FH V2 BLK

TE Part # 1-2029088-8
18P PLUG VAL-U-LOK V2 PM BLK

TE Part # 1-2029089-8
18P PLUG VAL-U-LOK V2 PM RED

TE Part # 1-2029090-8
18P PLUG VAL-U-LOK V2 FH RED

TE Part # 1-2029095-8
18P PLUG VAL-U-LOK V2 PM BLUE

TE Part # 1-2029096-8
18P PLUG VAL-U-LOK V2 FH BLUE

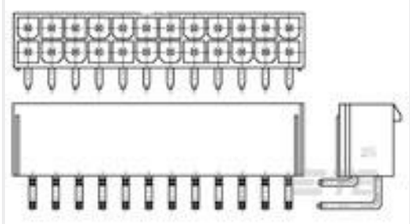
Customers Also Bought



TE Part #2322590-1
Panel Label



TE Part #1-406541-1
MJ,INV,1X1,6PNL G,.100"ST,SN



TE Part #1586041-4
4P VAL-U-LOK R/A HDR V2



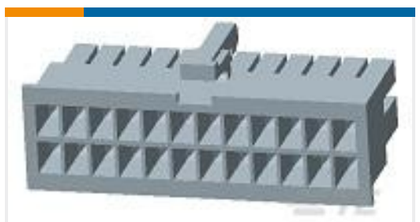
TE Part #2-2296206-2
22P FH PLUG VAL-U-LOK FH GWT/V0



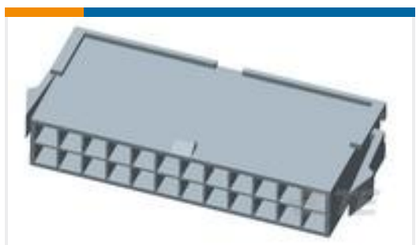
TE Part #EC6559-000
K-TYPE TIE-ON MARKERS



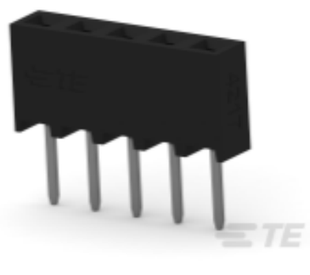
TE Part #1969590-8
HSG, REC, PANEL MOUNT, SINGLE ROW,EP2.5



TE Part #2-1969597-0
20P RCPT VAL-U-LOK V2



TE Part #1-1969599-8
18P PM PLUG VAL-U-LOK V2



TE Part #2314878-5
5P,2MM,B-B,REC,SRVT,2.7,0.76AU,TB

Documents

Product Drawings

18P RCPT VAL-U-LOK V2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1969597-8_A_c-1-1969597-8-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1969597-8_A_c-1-1969597-8-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1969597-8_A_c-1-1969597-8-a.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773730-3 VAL-U-LOK Connectors with TPA Flyer

English

Agency Approvals

UL Report

English