



VAL-U-LOK

TE Internal #: 2029088-4

Rectangular Connector Housings, Wire-to-Wire / Wire-to-Panel, 15 Newton Insertion Force, 4 Position, .165 in [4.2 mm] Centerline, 2 Row, Nylon, Plug

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Insertion Force: **15 Newton**

Number of Positions: **4**

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

Row-to-Row Spacing: **4.2 mm [.165 in]**

Features

Product Type Features

Connector System	Wire-to-Panel, Wire-to-Wire
Connector & Housing Type	Plug
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Type	Housing
Product Type	Connector
Glow Wire Rating	Standard Part - Not Glow Wire

Configuration Features

Insertion Force	15 Newton
Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features



Contact Type	Pin
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Mechanical Attachment

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

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

Row-to-Row Spacing	4.2 mm [.165 in]
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Height	9.6 mm [.378 in]
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Length	9.6 mm [.378 in]
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Width	23.9 mm [.94 in]
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

CSA Rating	208567
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Agency/Standard	CSA, UL
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CSA File Number	208567
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UL File Number	E28476
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UL Flammability Rating	UL 94V-2
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UL Rating	Recognized
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Packaging Features

Packaging Quantity	500
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Packaging Method	Bag
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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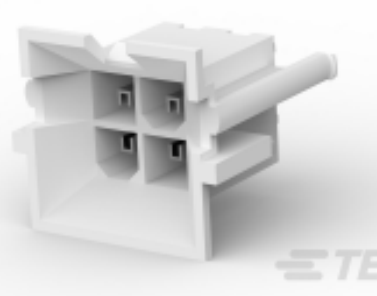


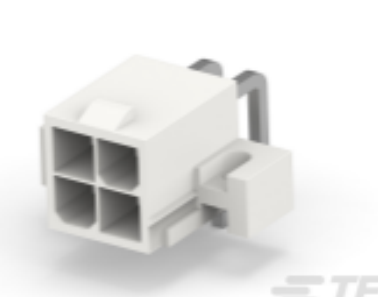



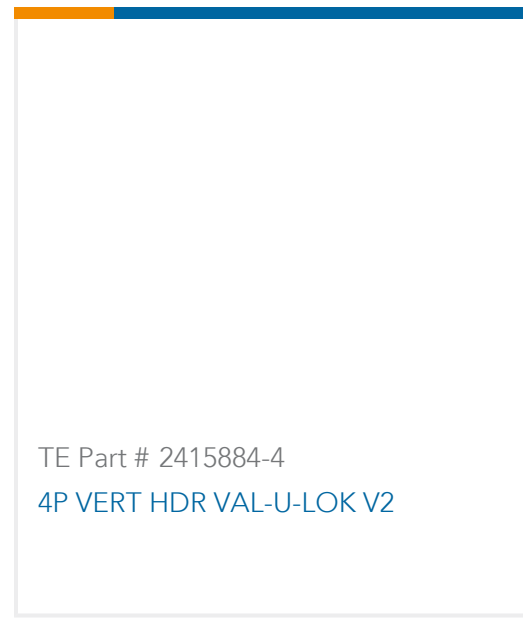
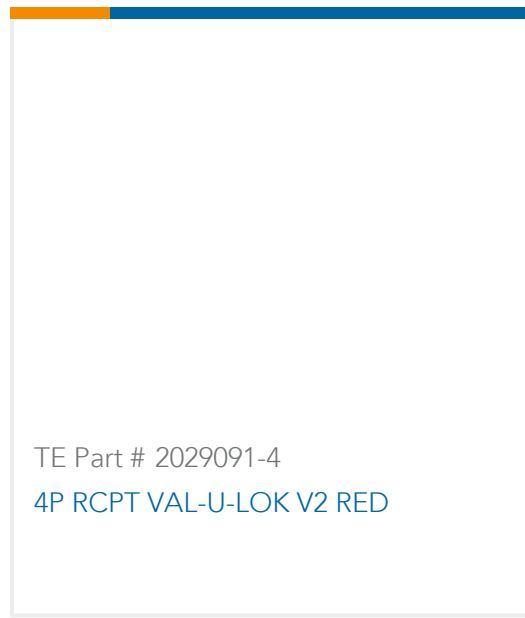
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2017 (174) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per 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

 <p>TE Part # 794954-4 4P RCPT VAL-U-LOK V2</p>	 <p>TE Part # 1586037-4 4P VERT HDR VAL-U-LOK V2</p>	 <p>TE Part # 1586041-4 4P VAL-U-LOK R/A HDR V2</p>	 <p>TE Part # 1586586-4 4P VAL-U-LOK BMI VRT HDR V2</p>
 <p>TE Part # 1969597-4 4P RCPT VAL-U-LOK V2</p>	 <p>TE Part # 1586585-4 4P VAL-U-LOK BMI VRT HDR V2</p>	 <p>TE Part # 1586043-4 4P VAL-U-LOK R/A HDR SCR MT V2</p>	 <p>TE Part # 1586075-4 4P RCPT VAL-U-LOK V2 BLK</p>



Documents

Product Drawings

[4P PLUG VAL-U-LOK V2 PM BLK](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2029088-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2029088-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2029088-4_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English