

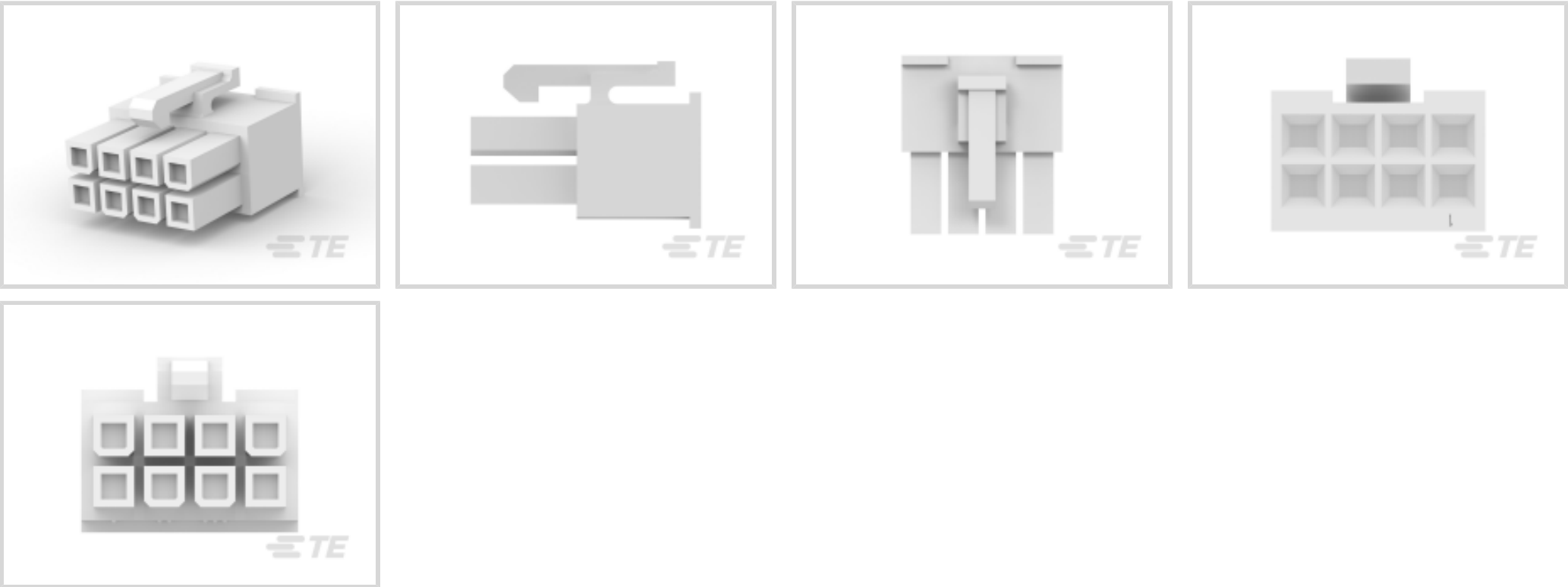


VAL-U-LOK

TE Internal #: 794954-8
Housing, Receptacle, Wire-to-Board / Wire-to-Wire, 8 Position, 4.2 mm [.165 in] Centerline, Wire & Cable, UL 94V-2, Rectangular Power Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



EU RoHS Compliance: **Compliant**
EU ELV Compliance: **Compliant**
Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board, Wire-to-Wire**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

Insertion Force	15 Newton
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	8
Number of Rows	2

Electrical Characteristics



Operating Voltage	600 VAC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Receptacle

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	Natural
Housing Material	Nylon

Dimensions

Compatible Insulation Diameter Range	1.2 – 3.1 mm [.047 – .122 in]
Product Width	20 mm [.787 in]
Product Length	18 mm [.709 in]
Connector Height	11.8 mm [.464 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

Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	208567



UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

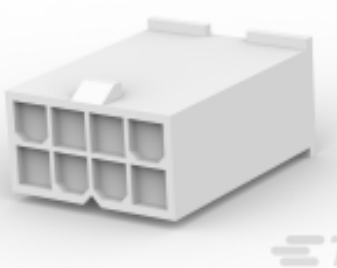
Product Compliance Disclaimer

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>

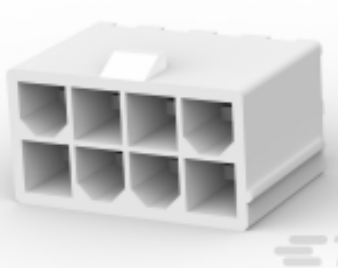
Compatible Parts



TE Part # 1586041-8
8P VAL-U-LOK R/A HDR V2



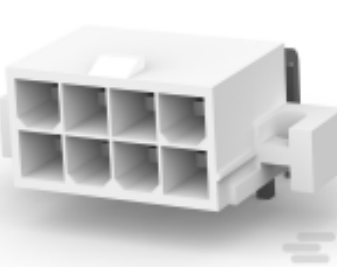
TE Part # 1586000-8
8P FH PLUG VAL-U-LOK V2



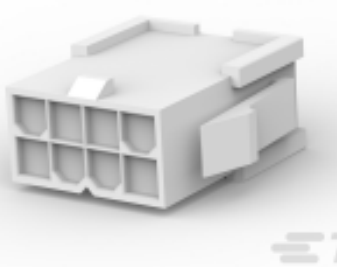
TE Part # 1586037-8
8P VERT HDR VAL-U-LOK V2



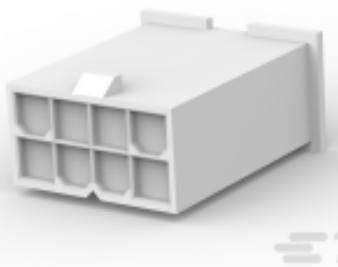
TE Part # 1586039-8
8P VAL-U-LOK VRT HDR W/P V2



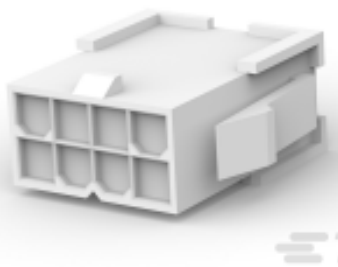
TE Part # 1586043-8
8P VAL-U-LOK R/A HDR SCR MT V2



TE Part # 794953-8
8P PM PLUG VAL-U-LOK V2



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



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



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



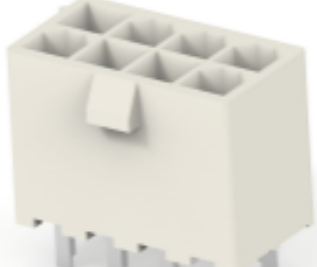
TE Part # 794550-8
08P DUAC PLUG HSG 94V-2 PAN MT



TE Part # 2825272-8
8P VERT HDR VAL-U-LOK HCS GW



TE Part # 3-1586040-8
8P VAL-U-LOK VRT HDR W/P V0 gold

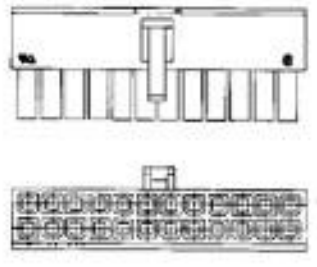


TE Part # 2415884-8
8P VERT HDR VAL-U-LOK V2

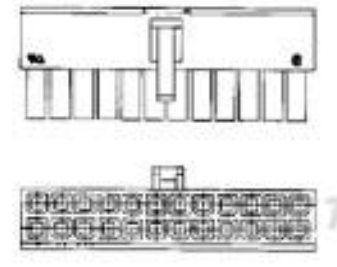


TE Part # 2491736-8
8P VERT HDR VAL-U-LOK V2

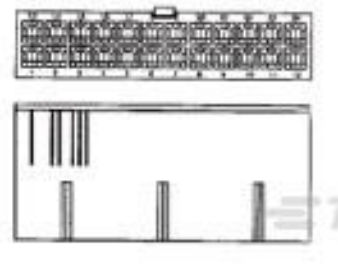
Customers Also Bought



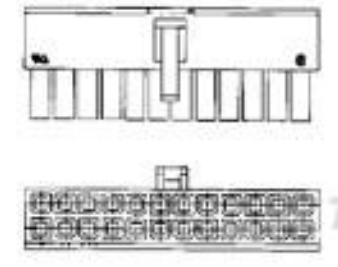
TE Part #2-794954-0
20P RCPT VAL-U-LOK V2



TE Part #1-794954-2
12P RCPT VAL-U-LOK V2



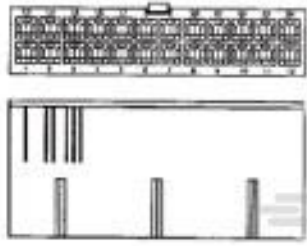
TE Part #1586000-8
8P FH PLUG VAL-U-LOK V2



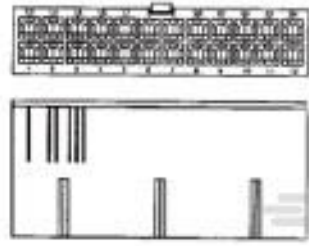
TE Part #1-794954-4
14P RCPT VAL-U-LOK V2



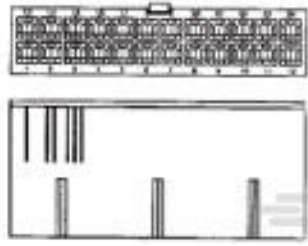
TE Part #1445957-4
[HSG SUB ASY, GREEN](#)



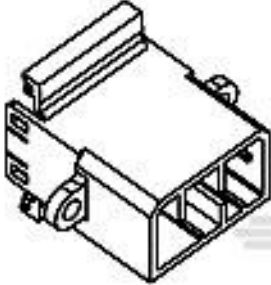
TE Part #2-1586000-0
[20P FH PLUG VAL-U-LOK V2](#)



TE Part #1-1586000-0
[10P FH PLUG VAL-U-LOK V2](#)



TE Part #1-1586000-2
[12P FH PLUG VAL-U-LOK V2](#)



TE Part #1-174938-1
[070 MLC W-W CAP HSG 20P F/A](#)



TE Part #170096-2
[250 FASTON, REC., 22-18 AWG, TPPB](#)

Documents

Product Drawings

[8P RCPT VAL-U-LOK V2](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_794954-8_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794954-8_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794954-8_E.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

794954-8

Housing, Receptacle, Wire-to-Board / Wire-to-Wire, 8 Position, 4.2 mm [.165 in]
Centerline, Wire & Cable, UL 94V-2, Rectangular Power Connectors



English