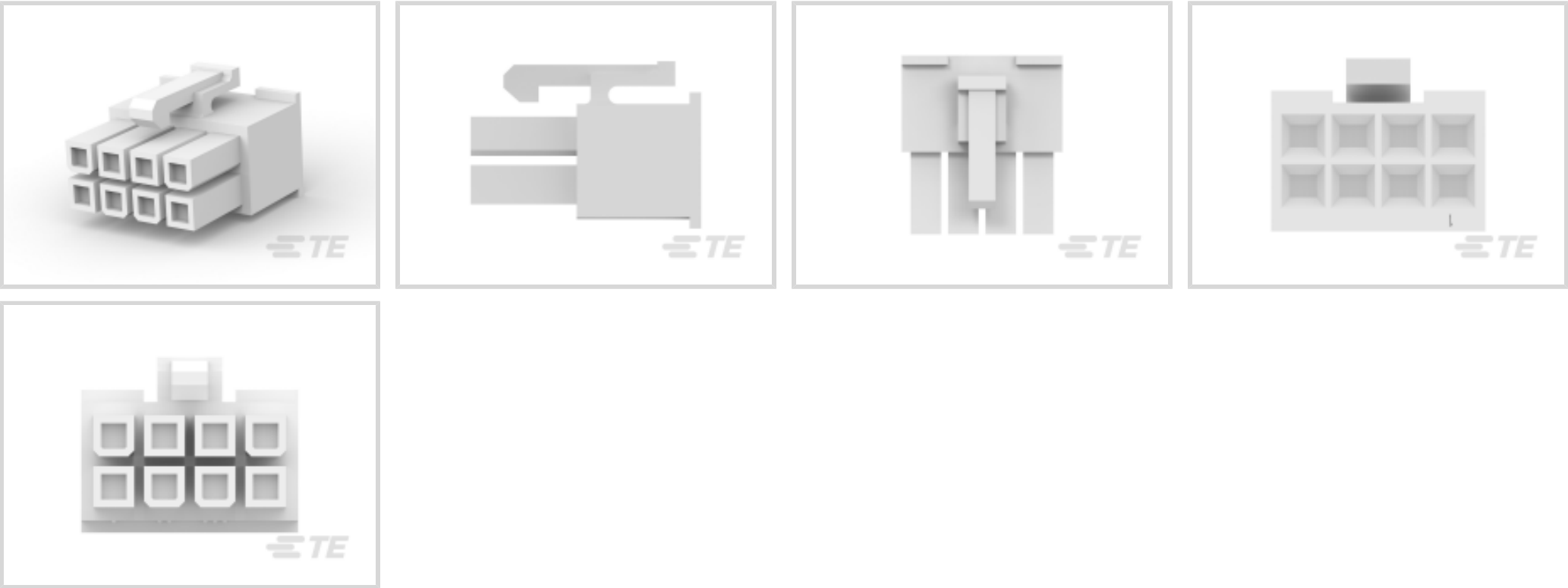




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Product Type: **Housing**
Housing Type: **Receptacle**
Connector System: **Wire-to-Board, Wire-to-Wire**
Number of Positions: **8**
Centerline (Pitch): **4.2 mm [.165 in]**

Features

Product Type Features

Product Type	Housing
Housing Type	Receptacle
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Contact Type	Socket

Configuration Features

Number of Positions	8
Number of Rows	2
Row-to-Row Spacing	.165 mm[4.2 in]

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Retention	Without
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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]
UL Flammability Rating	UL 94V-2
Housing Color	Natural
Housing Material	Nylon

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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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Method	Bag
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Product Compliance

For compliance documentation, visit the product page on TE.com>


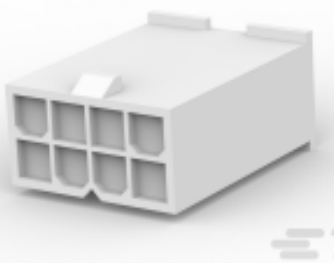
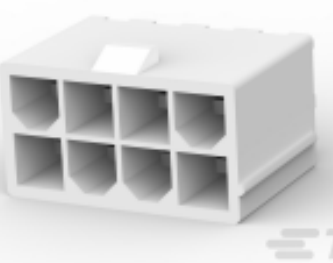

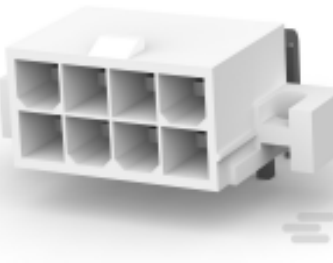
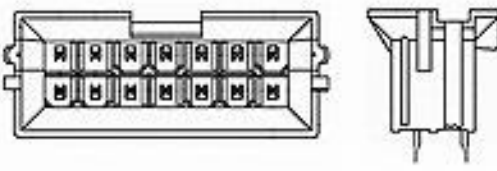
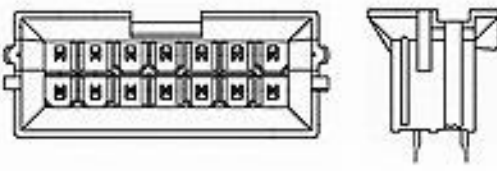

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability



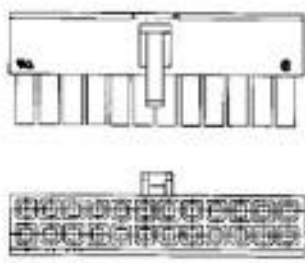
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

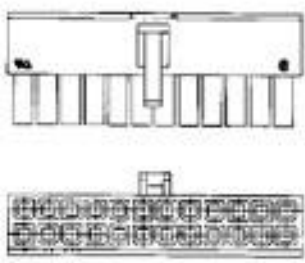
Compatible Parts

 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 # 1586585-8 8P VAL-U-LOK BMI VRT HDR V2	 TE Part # 1586586-8 8P VAL-U-LOK BMI VRT HDR V2
 TE Part # 794550-8 08P DUAC PLUG HSG 94V-2 PAN MT			

Customers Also Bought



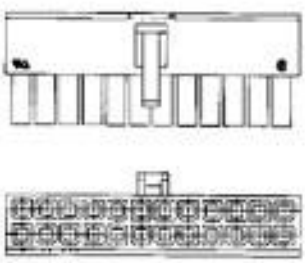
TE Part #1-794954-0
10P RCPT VAL-U-LOK V2



TE Part #794954-6
6P RCPT VAL-U-LOK V2



TE Part #794280-1
12P UMNL WIRE SEAL



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



TE Part #3-520276-2
ULTRA-FAST 187 ASY REC
16-14 AWG TPBR



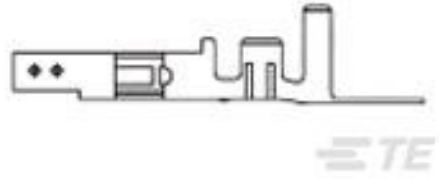
TE Part #3-520150-2
ULTRA-FAST 187 ASY REC
16-14 AWG TPBR



TE Part #794956-1
VAL-U-LOK SKT BR SN 22-
18AWG



TE Part #61399-1
FASTON 312 12-16AWG
TPBR



TE Part #1586315-1
VAL-U-LOK SKT BR SN 24-
18 LP



TE Part #1586317-1
VAL-U-LOK SKT BR SN 26-
22 LP

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG



English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL

English