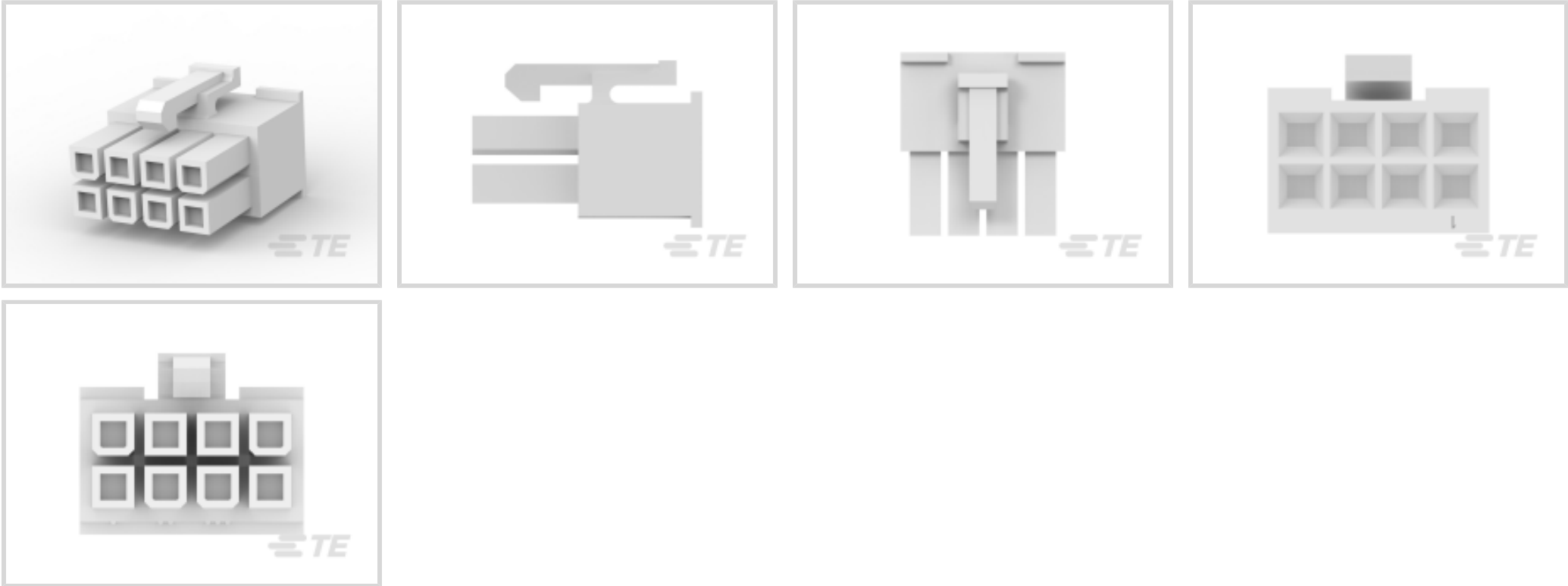




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**  
Connector & Housing Type: **Receptacle**  
Termination Method to Wire & Cable: **Crimp**  
Connector System: **Wire-to-Board, Wire-to-Wire**  
Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product 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	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	White
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Contact Features

Contact Layout	Matrix
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Contact Type	Receptacle
Contact Retention Within Housing	Without

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

Housing Material	Polyamide
Centerline (Pitch)	4.2 mm[.165 in]

Dimensions

Row-to-Row Spacing	4.2 mm[.165 in]
Compatible Insulation Diameter Range	1.2 – 3.1 mm[.047 – .122 in]
Connector Width	20 mm[.787 in]
Connector Height	11.8 mm[.464 in]
Connector Length	18 mm[.709 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	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	208567
Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-2

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 2296207-8  
8P PM PLUG VAL-U-LOK PM GWT/V0

TE Part # 1586862-8  
8P FH PLUG VAL-U-LOK FH GW

TE Part # 1586861-8  
8P PM PLUG VAL-U-LOK PM GW

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



TE Part # 2296206-8  
8P FH PLUG VAL-U-LOK FH GWT/V0

Customers Also Bought



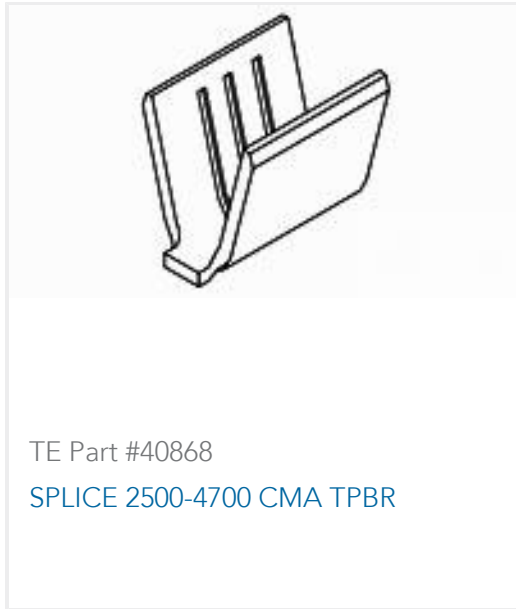
TE Part #40509  
SPLICE 3300 TO 9000 CMA BR



TE Part #794992-1  
03P UMNL BLACK INTERFACE SEAL



TE Part #63477-1  
187 FASTON REC 20-16 AWG BR



TE Part #40868  
SPLICE 2500-4700 CMA TPBR



TE Part #350699-1  
UMNL SPLIT PIN PTPBR



TE Part #1586849-1  
03P UMNL CAP HSG NATL, GW



TE Part #42617-1  
187 FASTON REC 20-16 AWG BR



TE Part #42400-1  
250 FASTON REC 18-14 AWG BR



TE Part #63538-1  
250 FASTON FLAG REC 18-14 BR



TE Part #62813-1  
250 FASTON FLAG REC 22-18 AWG BR

Documents

Product Drawings  
8P RCPT VAL-U-LOK GW  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1586765-8\_D.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1586765-8\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1586765-8\\_D.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\\_GLOW\\_WIRE\\_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English