

8P VAL-U-LOK VRTHDR W/PGS GW

✓ ACTIVE

VAL-U-LOK

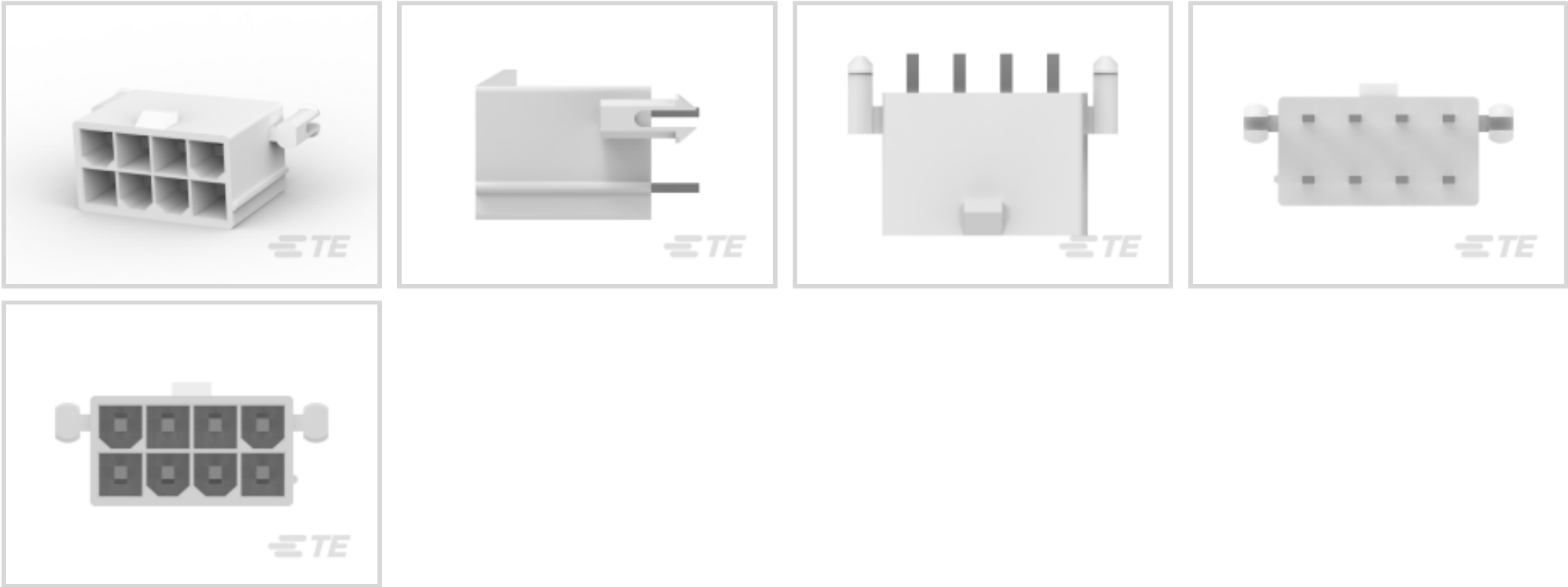
TE Part # 2029265-8

TE Internal #: 2029265-8

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Product Type: **Header**

Housing Type: **Plug**

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

Number of Positions: **8**

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

Features

Product Type Features

Header Type	Shrouded
Product Type	Header
Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Contact Type	Pin

Configuration Features

Number of Positions	8
PCB Mount Orientation	Vertical
Number of Power Positions	8
Number of Rows	2
Row-to-Row Spacing	4.2 mm[.165 in]

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
Multiple Contact Types	With
Contact Current Rating (Max)	9 A
Contact Retention	Without
Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin

Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount
Mating Retention	With
Mating Retention Type	Latch

Housing Features

Centerline (Pitch)	4.2 mm[.165 in]
UL Flammability Rating	UL 94V-0
Housing Color	Natural
Housing Material	Polyamide

Dimensions

PCB Thickness (Recommended)	.7 mm[1.78 in]
Width	9.75 mm[.384 in]
Accepts Wire Insulation Diameter Range	1.2 – 3.1 mm[.047 – .122 in]
Height	12.8 mm[.504 in]
Length	18 mm[.71 in]

Usage Conditions

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

Circuit Application	Power
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

Glow Wire Rating	GWT 750°C (Without Flame)
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	208567

Packaging Features

Packaging Method	Box & Tray, Tray
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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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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

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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.

Customers Also Bought

TE Part #1744429-7 3.96 EP HDR ASSY 7P W /PEGS, GW	TE Part #1-2029265-2 12P VAL-U-LOK VRTHDR W /PGS GW	TE Part #1744429-5 3.96 EP HDR ASSY 5P W /PEGS, GW	TE Part #1744429-8 3.96 EP HDR ASSY 8P W /PEGS, GW
TE Part #2-1971845-4 4P, RAST 5 Tab Header, THV	TE Part #2232511-6 6P, RAST 5 Tab Header, THV	TE Part #5-103326-6 12 MODII HDR DRRA B/A . 100CL	TE Part #767096-1 MICT,REC,038,ASY,.025, TAPE PKG
TE Part #3-2176305-3 RP 1E 0.1W 232R 0.1% 25PPM 5K RL	TE Part #6-1879353-2 RR02 1% 1K5 AMMO		

Documents

Product Drawings

8P VAL-U-LOK VRTHDR W/PGS GW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2029265-8_D_c-2029265-8-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2029265-8_D_c-2029265-8-d.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_2029265-8_D_c-2029265-8-d.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[VAL-U-LOK_GLOW_WIRE_CONNECTORS](#)

English

Agency Approvals

[UL](#)

English