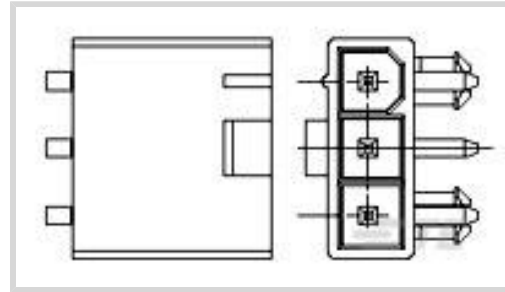




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Product Type: **Connector**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

Mating Retention: **With**

## Features

### Product Type Features

Glow Wire Rating	Glow Wire
Connector Type	Header
Header Type	Shrouded
Product Type	Connector
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Insertion Force Type	Normal
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	3
Number of Rows	1

### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features

Contact Layout	Inline
Contact Transmits (Typical)	Signal (Data)
Contact Type	Pin

Contact Plating Material	Tin
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Contact Current Rating (Max)	9 A
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### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

PCB Mount Alignment	With
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Mating Alignment	With
------------------	------

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

Housing Color	White
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Housing Material	Nylon GF
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Centerline (Pitch)	4.19 mm [.165 in]
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### Dimensions

Width	12.5 mm [.492 in]
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PCB Thickness (Recommended)	1.6 mm [.063 in]
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Tail Length	3.5 mm [.138 in]
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Height	5.4 mm [.22 in]
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Length	13.8 mm [.543 in]
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Accepts Wire Insulation Diameter Range	1.2 – 3.1 mm [.047 – .122 in]
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Wire Size	.12 – 1.4 mm <sup>2</sup>
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### Usage Conditions

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

Shielded	No
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Circuit Application	Power
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### Identification Marking

Circuit Identification Feature	With
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### Industry Standards

Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	208567
UL File Number	E28476
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Method	Bag, Box & 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	Not Yet Reviewed
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: JAN 2019 (197) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) 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

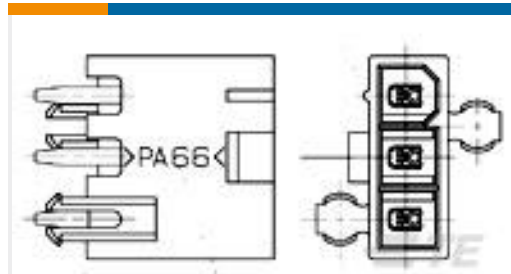
#### Product Compliance Disclaimer

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 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 Model / Part #794880-1  
09P UMNL PIN HDR ASSY 94VO



TE Model / Part #2029054-5  
5P VAL-U-LOK SR HDR SN V2 W/DH



TE Model / Part #2106751-3  
Connector, Thru Hole-IDC, 3 pos,  
18AWG



TE Model / Part #3-582119-9  
TEST PROBE REC130 TRI-MT WHT  
GPBR



TE Model / Part #4-292229-0  
1.5 MINI CT D/R SMT 40P V ONTA



TE Model / Part #3-1623729-1  
BCHE 17 W 12R 10%

## Documents

### Product Drawings

[3P R/A HDR VAL-U-LOK GW W/P](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2029154-3\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2029154-3\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2029154-3\\_B.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

### Agency Approvals

[UL](#)

English

