



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Plug**

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

Number of Positions: **16**

Centerline (Pitch): **3.5 mm [ .138 in ]**

Number of Rows: **1**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Wire Protection                   | With                  |
| Block Type                        | Spring Terminal Block |
| Terminal Block Connector Type     | Plug                  |
| Connector System                  | Wire-to-Board         |
| Connector & Contact Terminates To | Wire & Cable          |

Configuration Features

|                     |      |
|---------------------|------|
| Threaded Flange     | With |
| Number of Positions | 16   |
| Number of Rows      | 1    |
| Wire Entry Angle    | Top  |

Electrical Characteristics

|                      |           |
|----------------------|-----------|
| Current Rating (Max) | 9 A, 11 A |
| Voltage Rating       | 300 VAC   |

Body Features



|             |        |
|-------------|--------|
| Lever Color | Orange |
|-------------|--------|

Contact Features

|                                      |              |
|--------------------------------------|--------------|
| Contact Mating Area Plating Material | Tin          |
| Contact Base Material                | Copper Alloy |
| Contact Current Rating (Max)         | 11 A         |

Mechanical Attachment

|                          |                          |
|--------------------------|--------------------------|
| Mounting Angle           | Vertical                 |
| Mating Angle             | 90° (Bottom)/ 270° (Top) |
| Screwless Terminal Block | Yes                      |
| Screw Flange             | With                     |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Color      | Green           |
| Housing Material   | PA 66           |
| Centerline (Pitch) | 3.5 mm[.138 in] |

Dimensions

|           |             |
|-----------|-------------|
| Wire Size | .05 – 2 mm² |
|-----------|-------------|

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 65 °C[-40 – 149 °F] |
|-----------------------------|---------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

|                    |    |
|--------------------|----|
| Packaging Quantity | 50 |
|--------------------|----|

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: JUNE 2022 (224)<br>Candidate List Declared Against: JUN 2018 (191)<br>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 | 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 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



Documents

Product Drawings

STR PLUG SPRING TYPE RH 16P, 3.50mm

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1986723-6\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1986723-6\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1986723-6\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

1-1986723-6

PCB Terminal Blocks, Plug, Wire-to-Board, 16 Position, .138 in [3.5 mm] Centerline, 1 Row, Top Wire Entry Angle, 30 – 14 AWG Wire Size



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**Datasheets & Catalog Pages**

[2-1773464-1\\_Spring\\_Type\\_Straight\\_Plugs](#)

English