



**Buchanan**

TE Internal #: 1-2342083-6

PCB Terminal Blocks, Header, Wire-to-Board, 16 Position, .2 in [5.08 mm] Centerline, 1 Row, 15 A, 300 VAC, Printed Circuit Board, Power & Signal

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **16**

Centerline (Pitch): **5.08 mm [ .2 in ]**

Number of Rows: **1**

**Features**

**Product Type Features**

Block Type	PCB Mount
Header Type	Fully Shrouded
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

Number of Positions	16
Number of Rows	1

**Electrical Characteristics**

Current Rating (Max)	15 A
Voltage Rating	300 VAC

**Contact Features**

Contact Mating Area Plating Material	Tin
Contact Mount	Through Hole



Contact Base Material	Copper Magnesium
Contact Current Rating (Max)	15 A

### Mechanical Attachment

Mounting Angle	Vertical
Screwless Terminal Block	No
Screw Flange	Without
Connector Mounting Type	Board Mount

### Housing Features

Housing Color	Black
Housing Material	High Temperature Polyamide
Centerline (Pitch)	5.08 mm[.2 in]

### Dimensions

PCB Tail Length	2.6 mm[.102 in]
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### 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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### Packaging Features

Packaging Method	Box
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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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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	Reflow solder capable to 260°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

16POS HDR 90 DEG,HT,5.08MM PITCH,TL2.6MM

English

## CAD Files

3D PDF

3D

## Customer View Model

[ENG\\_CVM\\_CVM\\_1-2342083-6\\_A.2d\\_dxf.zip](#)

English

## Customer View Model

[ENG\\_CVM\\_CVM\\_1-2342083-6\\_A.3d\\_igs.zip](#)

English

## Customer View Model

[ENG\\_CVM\\_CVM\\_1-2342083-6\\_A.3d\\_stp.zip](#)

English

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

## Datasheets &amp; Catalog Pages

[BUCHANAN PCB TERMINAL BLOCKS](#)

English

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