



**Buchanan**

TE Internal #: 2-2342083-5

PCB Terminal Blocks, Header, Wire-to-Board, 25 Position, .2 in [5.08 mm] Centerline, 1 Row, Operating Voltage 300 VAC, Printed Circuit Board

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **25**

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

Number of Rows: **1**

**Features**

**Product Type Features**

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

**Configuration Features**

Stacking Configuration	Side Stackable
Number of Positions	25
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	300 VAC
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**Body Features**

Primary Product Color	Black
Product Orientation	Right Angle



### Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Magnesium
Contact Current Rating (Max)	15 A

### Termination Features

Termination Post & Tail Length	2.6 mm[.102 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Housing Material	High Temperature Polyamide
Centerline (Pitch)	5.08 mm[.2 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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### 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 2023 (235) 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



TE Part # 2-284041-5  
TERMINAL BLK VERTICAL PLUG STACK

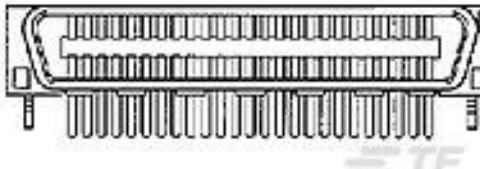


TE Part # 2-284047-5  
TERMI-BLOK VERTICAL PLUG STACK



TE Part # 2-796634-5  
25 POS 5.08MM R/A PLUG, TRM BLK

## Customers Also Bought



TE Part # 3-5179275-8  
CHAMP 050-I PLUG H ASSY 68P



TE Part # 3-178216-2  
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part # 2-2013519-0  
DYNAMIC D3900 H-HDR ASSY 10P Y TYPE-A



TE Part # 1-2229803-2  
D3950 HDR 7/11POS 1ROW Y KEY



TE Part # 3-2134249-3  
D3900S 7.5MM PITCH REC ASSY 3P BLACK Z



TE Part # 3-5175475-5  
CHAMP 050 B/B REC V W/LEG 40P



TE Part # 3-5175475-7  
CHAMP 050 B/B REC V W/LEG 60P



TE Part # 2837892-2  
OCEAN-2.0-APPLICATOR-S-046F053F



## Documents

### Product Drawings

25POS HDR 90 DEG,HT,5.08MM PITCH,TL2.6MM

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2342083-5\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2342083-5\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2342083-5\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

BUCHANAN PCB TERMINAL BLOCKS

English

### Agency Approvals

UL

English