# 1-796949-6 ✔ ACTIVE

Buchanan

TE Internal #: 1-796949-6

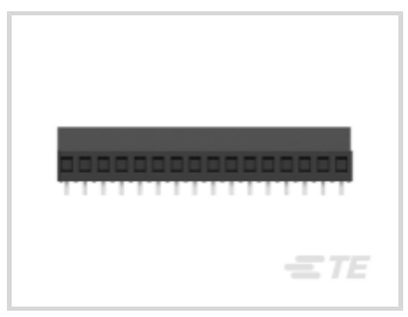
Header, Wire-to-Board, 16 Position, 5.08 mm [.2 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG Wire Size, PCB Terminal Blocks

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

| | |
|---|---|
| Wire Protection | With |
| Terminal Block Connector Type | Header |
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

| | |
|---|---|
| Stacked Levels | Without |
| Wire Entry Location | Side |
| Stacking Configuration | Side Stackable |
| Number of Positions | 16 |
| Number of Rows | 1 |
| Wire Entry Angle | 90° |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 300 VAC |

### Body Features

| | |
|---|---|
| Primary Product Color | Black |
| Product Orientation | Vertical |

## Contact Features

| | |
|---|---|
| Contact Mating Area Plating Material | Tin |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 17.5 A |

## Termination Features

| | |
|---|---|
| Termination Post & Tail Length | 3.5 mm[.138 in] |
| Termination Method to PCB | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| Screw Plating Material | Nickel |
| Screw Material | Brass |
| Thread Size | M3 |
| Connector Mounting Type | Board Mount |

## Housing Features

| | |
|---|---|
| Housing Material | PA 66 |
| Centerline (Pitch) | 5.08 mm[.2 in] |

## Dimensions

| | |
|---|---|
| Wire Size | .05 – 3 $mm^2$ |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

## Operation/Application

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

## Identification Marking

| | |
|---|---|
| Marking Color | White |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 20 |
| Packaging Method | Carton |

# Product Compliance

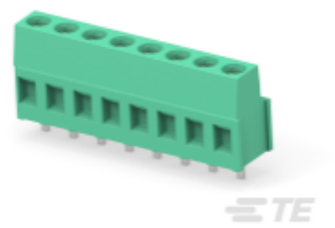
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (2% in Component Part)<br>**Article Safe Usage Statements:**<br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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



TE Part # 282841-8
TERMI-BLOK PCB MOUNT 8P. 5

## Customers Also Bought



TE Part #535032-4
096 EURO TYPE C RECEPT AP ASSY



TE Part #3-1393239-9
RT174024

## Documents

### Product Drawings

16POS TERMI-BLOK PCB MOUNT

English

### CAD Files

Customer View Model

ENG_CVM_CVM_1-796949-6_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-796949-6_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-796949-6_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS

English

1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG

English

### Product Specifications

Application Specification

English

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## TE Connectivity:

2380312-2 175977-2 1969656-1 TE50BR39J 1-794222-0 1393431-1 141991-2 2-292161-3 3-1393225-0 SMW73R0JT 3631B101LL CRGCQ2010J3K3 MPT100C18RF U5254-000005-030PA 2005330-1 3430B2F51RTDF 917696-1 RH73H2A40MKTN SBCHE154R7K 2310537-1 2377783-2 1-962915-1 936348-1 CPF0402B37K4E1 1743455-2 1903112-2 650075-000 SBCHE64R7K 2834055-1 ROX05SJ18R