# 1-2342083-7 ACTIVE

#### Buchanan

TE Internal #: 1-2342083-7

17 Position PCB Terminal Block, Header, Wire-to-Board, 5.08 mm [. 2 in] Centerline, 1 Row, 300 VAC, Printed Circuit Board, Right Angle

View on TE.com >



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 17

Terminal Block Connector Type: Header

Connector System: Wire-to-Board
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	17
Number of Rows	1
Electrical Characteristics	
Operating Voltage	300 VAC
Body Features	
Primary Product Color	Black
Product Orientation	Right Angle

**Contact Features** 



Contact Mating Area Plating Material	Tin (Sn)
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 PCB	Through Hole - Solder
Mechanical Attachment	
Connector Mounting Type	Board Mount
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]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Method	Box

## **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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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-onreach

### Compatible Parts



### Customers Also Bought



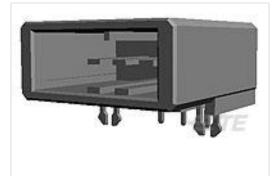
D3900S 7.5MM PITCH REC ASSY 3P BLACK Z



TE Part #CAT-D9934-A75H Header Assembly: Wire-to-Board, 15A, gold or tin plated



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



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













#### **Documents**

#### **Product Drawings**

17POS HDR 90 DEG,HT,5.08MM PITCH,TL2.6MM

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-2342083-7\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2342083-7\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2342083-7\_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