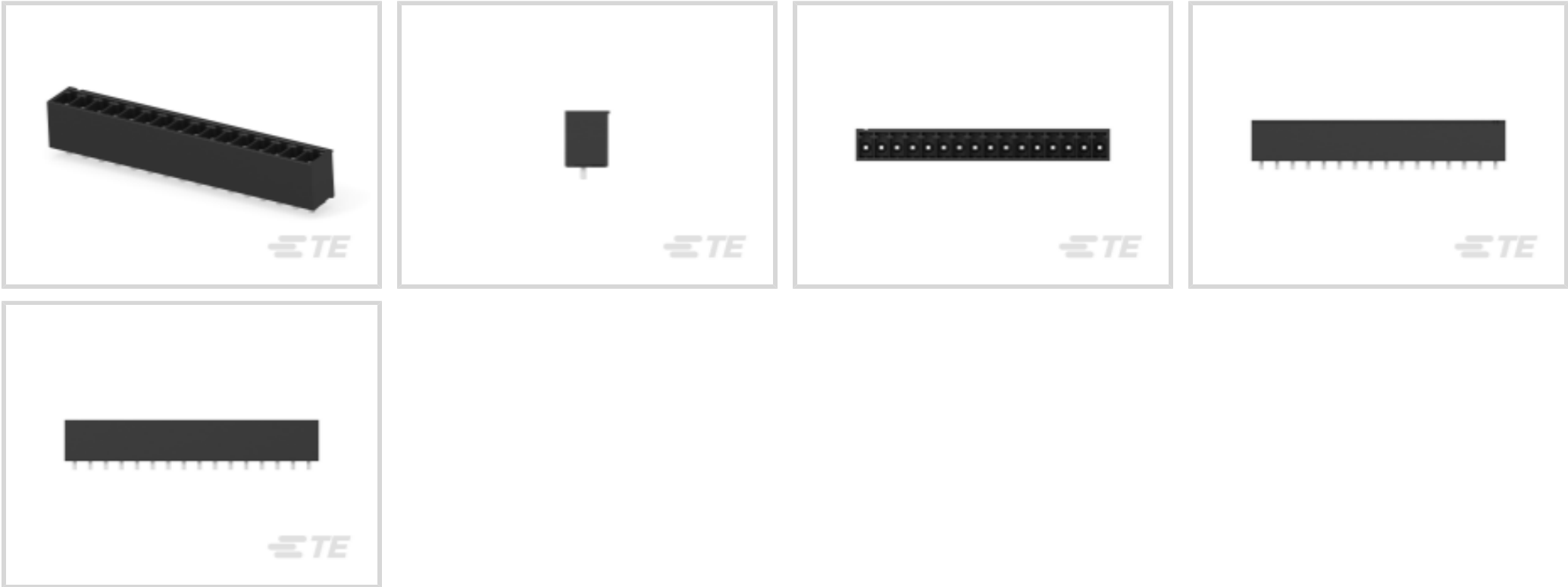




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 16

Terminal Block Connector Type: Header

Connector System: Wire-to-Board

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

Number of Rows: 1

Features

Termination Features

|                                |                       |
|--------------------------------|-----------------------|
| Termination Method to PCB      | Through Hole - Solder |
| Termination Post & Tail Length | 1.9 mm[.075 in]       |

Body Features

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

Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

Contact Features

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

Housing Features

|                  |                            |
|------------------|----------------------------|
| Housing Material | High Temperature Polyamide |
|------------------|----------------------------|



Centerline (Pitch)

3.5 mm[.138 in]

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    | 16             |
| Number of Rows         | 1              |

Electrical Characteristics

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

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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

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 # 1-1986692-6

STR PLUG SPRING TYPE RH 16P, 3.50 mm

TE Part # 1-1986693-6

STR PLUG SPRING TYPE LH 16P, 3.50 mm

TE Part # 1-1986371-6

Str Plug, 3.5mm, Green, LH, 16

Customers Also Bought

TE Part #3-5179275-8

CHAMP 050-I PLUG H ASSY 68P

TE Part #CAT-D9934-A75H

DYNAMIC 3400F HDR ASSY

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 #5917629-5

AMP FH REC V 120P H-9 SIF

Documents

Product Drawings



16POS HDR ST,HT, 3.5MM PITCH, TL 1.9MM

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2342071-6\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2342071-6\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2342071-6\_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 TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS

English

Product Specifications

Product Specification

English

Agency Approvals

UL

English