# 1-282812-0 ✔ ACTIVE

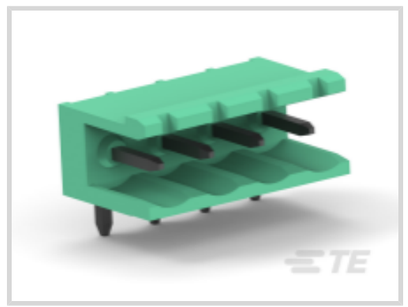
**Buchanan**

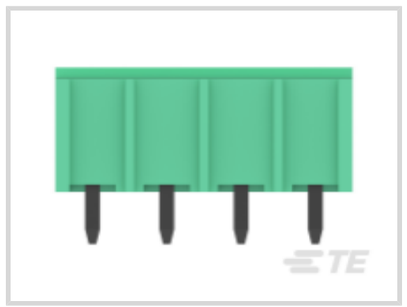
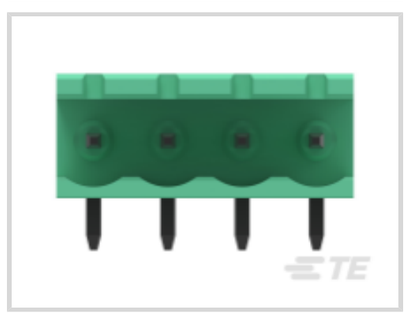
TE Internal #: 1-282812-0

PCB Terminal Blocks, Header, Wire-to-Board, 10 Position, 5mm [.197in] Centerline, 1 Row, 15A Current Rating (Max), 300VAC Voltage Rating

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **10**

Centerline (Pitch): **5 mm [ .197 in ]**

Number of Rows: **1**

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Threaded Flange | Without |
| Closed End | Without |
| Number of Positions | 10 |
| Number of Rows | 1 |

### Electrical Characteristics

| | |
|---|---|
| Current Rating (Max) | 15 A |
| Voltage Rating | 300 VAC |

### Body Features

| | |
|---|---|
| Interlock | Without |

### Contact Features

| | |
|---|---|
| Contact Mating Area Plating Material | Tin |
| Contact Mount | Through Hole |
| Contact Base Material | CuMg |
| Contact Current Rating (Max) | 15 A |

### Mechanical Attachment

| | |
|---|---|
| Mating Angle | 90° |
| Screwless Terminal Block | No |
| Mounting Angle | Right Angle |
| Screw Flange | Without |
| Connector Mounting Type | Board Mount |

### Housing Features

| | |
|---|---|
| Housing Color | Green |
| Housing Material | PA 66 |
| Centerline (Pitch) | 5 mm[.197 in] |

### Dimensions

| | |
|---|---|
| PCB Tail Length | 3.5 mm[.138 in] |

### Usage Conditions

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

### Operation/Application

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

### Packaging Features

| | |
|---|---|
| Packaging Method | Box |
| Packaging Quantity | 100 |

## Product Compliance

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

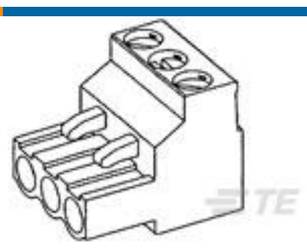
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |

| | |
|---|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2021 (211)<br>Candidate List Declared Against: JUN 2016 (169)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Wave solder capable to 265°C |

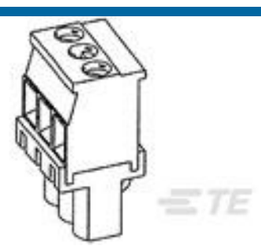
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



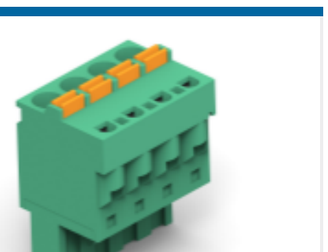
TE Part # 1-796640-0
10 POS 5.0 MM R/A PLUG,TRM BLK



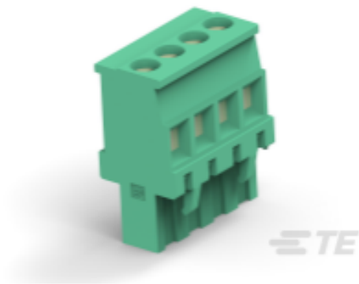
TE Part # 1-284040-0
TERMI-BLOK VERTICAL PLUG STACK



TE Part # 1-1546118-0
10POS.5MM VERT.PLUG LH BLCK



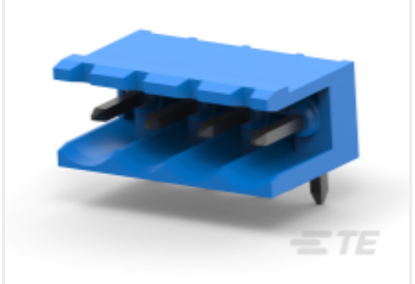
TE Part # 1-1546557-0
10P,SCREWLESS CLIP PLUG,5.0MM



TE Part # 1-284046-0
TERMI-BLOK VERTICAL PLUG STACK

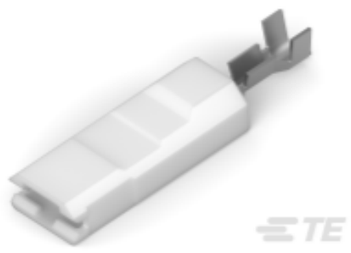


TE Part # 1-796641-0
10 POS 5.0 MM R/A PLUG,TRM BLK



TE Part # 1-796698-0
TERMI-BLOK HEADER,ASSY90 10P 5

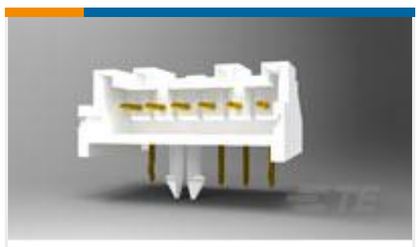
## Customers Also Bought



TE Part #1969161-5
ULTRA POD: Straight, Receptacle Assembly, Tin Plated, 0.25 inch



TE Part #YDTS24F25-19SCV001
D38999: Jam Nut, 25-19 Insert, Electroless Nickel Plating



TE Part #1-1744426-6
Header Housing Assy, EP 2.5 RA, 16 Pos.



TE Part #1-1744426-8
Header Housing Assy, EP 2.5 RA, 18 Pos.



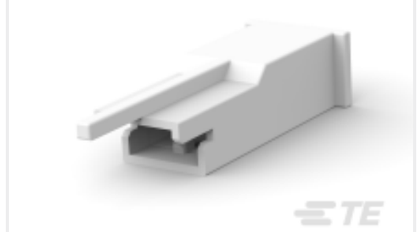
TE Part #1-1969825-0
EP 2.5 TPA RETAINER, 10 POS



TE Part #1-480418-3
205 FASTON HSG.,REC.,1 POS, NATRUAL



TE Part #146274-8
08 MODII HDR SRST B/A .100CL



TE Part #1969630-2
250 HSG POSI-LOK MKI, NAT



TE Part #521955-2
PL MKIII 250 REC HSG 2P



TE Part #2-1437471-4
SSC12BPA=240V 50 60HZ .1TO10SE

## Documents

### Product Drawings

TERMI-BLOK HEADER,ASSY 10P.5

English

### CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-282812-0_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-282812-0_D.3d_igs.zip

English

Customer View Model

ENG_CVM_1-282812-0_D.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

BUCHANAN PCB TERMINAL BLOCKS

English

## Product Specifications

### Application Specification

English