

1-284541-0 ✓ ACTIVE

Buchanan

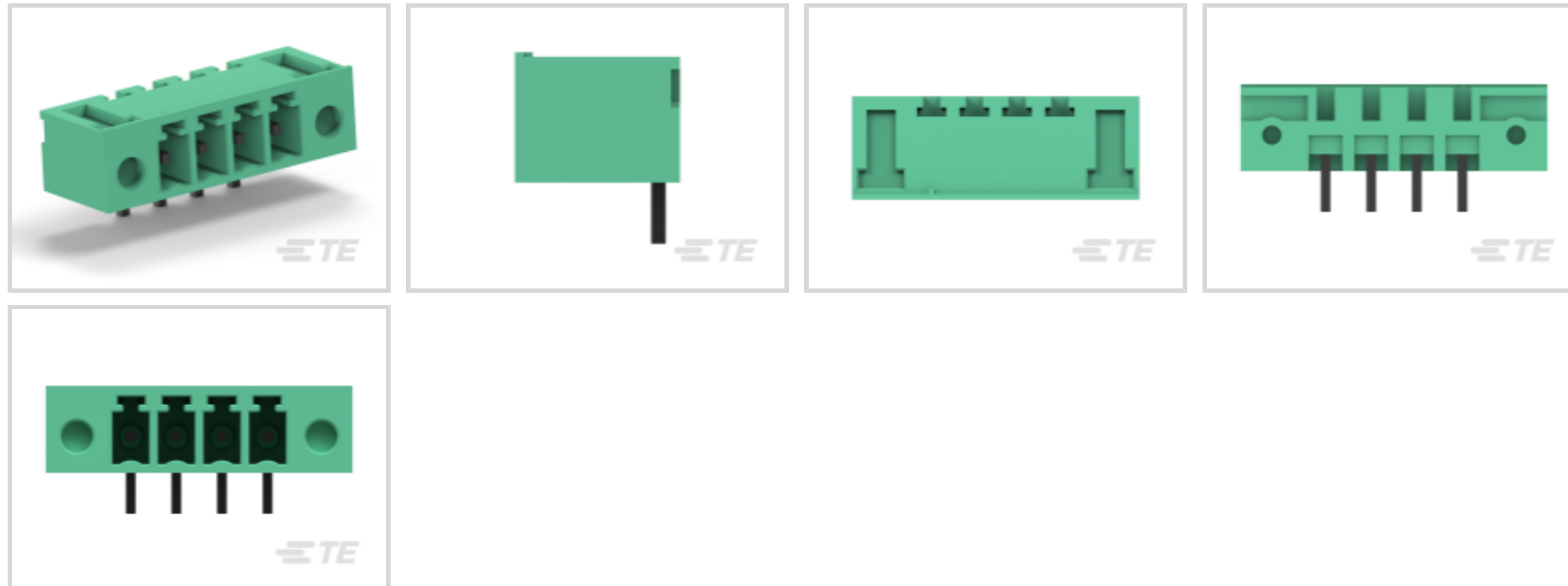
TE Internal #: 1-284541-0

PCB Terminal Blocks, Header, Wire-to-Board, 10 Position, 3.81mm [.15in] Centerline, 1 Row, 30 – 14AWG Wire Size, .05 – 2mm² Wire Size

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Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **10**

Centerline (Pitch): **3.81 mm [.15 in]**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

| | |
|----------------------|---------|
| Current Rating (Max) | 11 A |
| Voltage Rating | 300 VAC |



Body Features

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

Contact Features

| | |
|--------------------------------------|-----------------|
| Contact Mating Area Plating Material | Tin |
| Contact Mount | Through Hole |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 11 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) | 3.81 mm [.15 in] |

Dimensions

| | |
|-----------------|-------------------------|
| PCB Tail Length | 3.4 mm [.134 in] |
| Wire Size | .05 – 2 mm ² |

Usage Conditions

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

Operation/Application

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

Packaging Features

| | |
|--------------------|--------|
| Packaging Method | Carton |
| Packaging Quantity | 100 |

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

| | |
|------------------------------|---------------------------|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
|------------------------------|---------------------------|



| | |
|---|---|
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Wave solder capable to 240°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 # 1-284511-0
10 POS TERMI-BLOK PLUG C. VITI

Customers Also Bought

TE Part #640250-6
3.96mm Wire-to-board housing: receptacle, with mating alignment, SL 156

TE Part #1-640456-0
10P MTA100 HDR ASSY F/L SQ STR

TE Part #640252-2
SL-156 RECEPTACLE

TE Part #1676221-2
RN 0805 1K0 0.1% 10PPM 1KRL



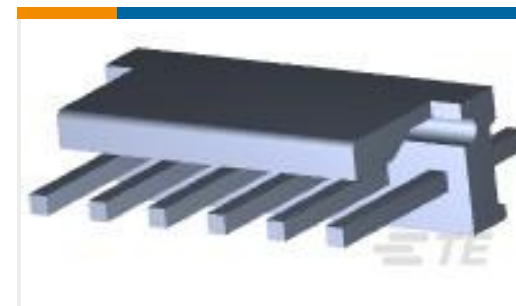
TE Part #5103308-3
A/L LOW PRO HDR 16P VERT BLACK



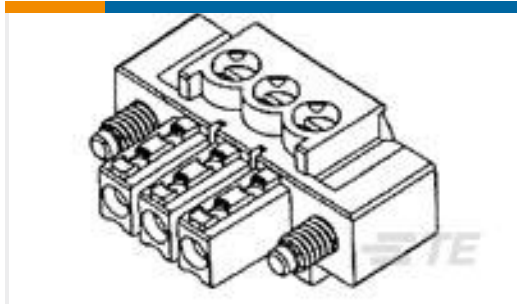
TE Part #1734035-2
MINI USB, TYPE B, R/A, SMT



TE Part #4-643814-0
10P MTA100 CONN ASSY POL RIB



TE Part #644752-6
06P MTA156 HDR ASSY SQ STR F/L



TE Part #1-284511-0
10 POS TERMI-BLOK PLUG C. VITI

Documents

CAD Files

Customer View Model

[ENG_CVM_1-284541-0_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-284541-0_C.2d_dxf.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_1-284541-0_C.3d_igs.zip](#)

English

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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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[93.731.4953.0](#) [PV05-5,08-K](#) [PVP03-3,50](#) [PVP04-3,50](#) [PVS02-5,00](#) [1-1986160-3](#) [1377680000](#) [1531000000](#) [1546228-5](#) [ELFH16150](#)
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