

1546018-5 ✓ ACTIVE



Buchanan

TE Internal #: 1546018-5

PCB Terminal Blocks, Plug, Wire-to-Board, 5 Position, .197 in [5 mm] Centerline, 1 Row, Side Wire Entry Angle, 30 – 12 AWG Wire Size

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Plug**

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

Number of Positions: **5**

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

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

| | |
|------------------------|----------------|
| Stacking Configuration | Side Stackable |
| Number of Positions | 5 |
| Number of Rows | 1 |
| Wire Entry Angle | Side |

Electrical Characteristics

| | |
|----------------------|---------|
| Current Rating (Max) | 12 A |
| Voltage Rating | 300 VAC |

Body Features



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

| | |
|-------|-------|
| Color | Black |
|-------|-------|

Contact Features

| | |
|--------------------------------------|-----|
| Contact Mating Area Plating Material | Tin |
|--------------------------------------|-----|

| | |
|-----------------------|-----------------|
| Contact Base Material | Phosphor Bronze |
|-----------------------|-----------------|

| | |
|------------------------------|------|
| Contact Current Rating (Max) | 12 A |
|------------------------------|------|

Mechanical Attachment

| | |
|--------------|--------------------------|
| Mating Angle | 90°(Bottom)/ 180° (Side) |
|--------------|--------------------------|

| | |
|--------------------------|----|
| Screwless Terminal Block | No |
|--------------------------|----|

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|----------------|-----------------------|
| Mounting Angle | Right Angle, Vertical |
|----------------|-----------------------|

| | |
|------------|----|
| Screw Size | M3 |
|------------|----|

| | |
|------------------------|--------|
| Screw Plating Material | Nickel |
|------------------------|--------|

| | |
|----------------|-------|
| Screw Material | Brass |
|----------------|-------|

| | |
|--------------|---------|
| Screw Flange | Without |
|--------------|---------|

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

Housing Features

| | |
|---------------|-------|
| Housing Color | Black |
|---------------|-------|

| | |
|------------------|-------|
| Housing Material | PA 66 |
|------------------|-------|

| | |
|--------------------|----------------|
| Centerline (Pitch) | 5 mm [.197 in] |
|--------------------|----------------|

Dimensions

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

Usage Conditions

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

Operation/Application

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

Identification Marking

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

Packaging Features

| | |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

| | |
|--------------------|-----|
| Packaging Quantity | 150 |
|--------------------|-----|



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 | <p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC > Threshold:</p> <p>Pb (.8% in Component Part)</p> <p>Article Safe Usage Statements: 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.</p> |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

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

| | | | |
|--|--|---|--|
|  <p>TE Part # 282830-5 TERMI-BLOK PLUG 90&180 5P. 5</p> |  <p>TE Part # 1546931-5 5P UNSHROUD 5.0 HDR,HIGH TEMP</p> |  <p>TE Part # 282832-5 TERMI-BLOK PIN HEAD 180 5P. 5</p> |  <p>TE Part # 1546019-5 5 POS TERMI-BLOK PIN HEAD 180</p> |
|--|--|---|--|

Documents

Product Drawings

[5 POS TERMI-BLOK PLUG 90 &180](#)



English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1546018-5_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1546018-5_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1546018-5_O.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