

1776166-6 ✓ ACTIVE

Buchanan

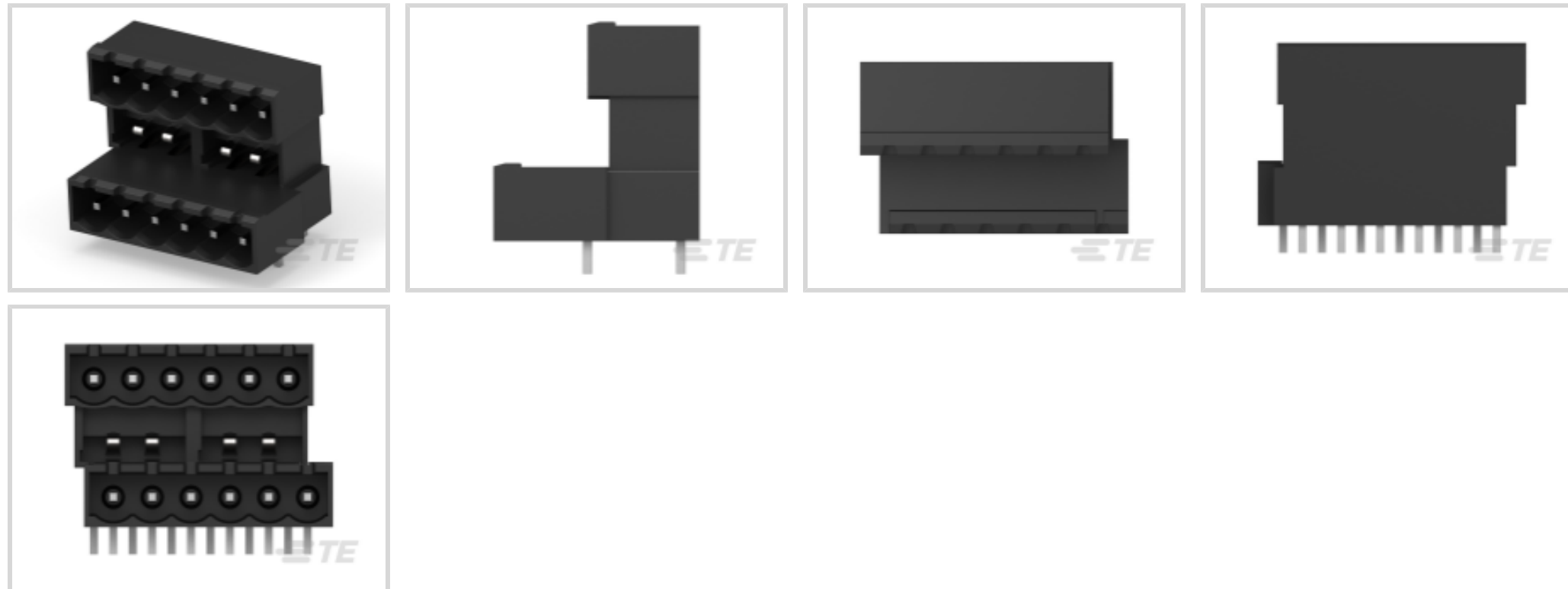
TE Internal #: 1776166-6

PCB Terminal Blocks, Header, Wire-to-Board, 6 Position, .197 in [5 mm] Centerline, 2 Row, Operating Voltage 300 VAC, Printed Circuit Board

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **6**

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

Number of Rows: **2**

## 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	6
Number of Rows	2

### Electrical Characteristics

Operating Voltage	300 VAC
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### Body Features

Primary Product Color	Black
Product Orientation	Right Angle



### Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	15 A

### Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Housing Material	High Temperature Polyamide
Centerline (Pitch)	5 mm[.197 in]

### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	100
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## Product Compliance

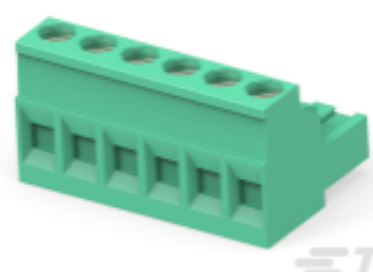
[For compliance documentation, visit the product page on TE.com>](#)

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 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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	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 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>

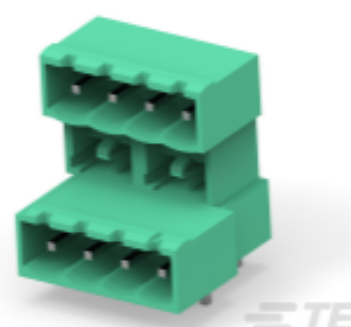
## Compatible Parts



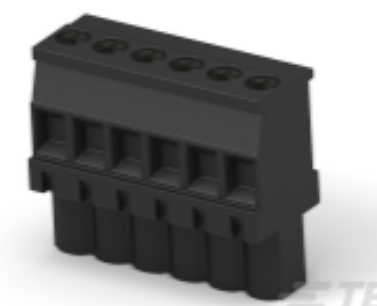
TE Part # 796640-6  
6 POS 5.0 MM R/A PLUG, TRM BLK



TE Part # 796641-6  
6 POS 5.0 MM R/A PLUG, TRM BLK



TE Part # 284061-6  
TERMI-BLOK HDR 90, 5,08MM P. M



TE Part # 1546118-6  
6POS.5MM VERT.PLUG LH BLCK



TE Part # 3-1546118-6  
6POS.5MM VERT.PLUG LH BLK INKS

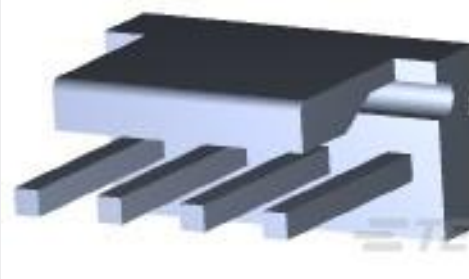
## Customers Also Bought



TE Part #3-1461491-6  
PCN-124D3MHZ,000



TE Part #3-770476-1  
SL156 RECPT, SNNI/PHBZ



TE Part #640445-4  
04P MTA156 HDR ASSY FL/STR SN



TE Part #1658620-3  
16 NOVO MIL 15DP, LEAD FREE



## Documents

### Product Drawings

[6P TERMI-BLOK HDR,HIGH TEMP](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1776166-6\\_S.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1776166-6\\_S.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1776166-6\\_S.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\\_ORG](#)

English

### Product Specifications

[Application Specification](#)

English

### Agency Approvals

[UL](#)

English