

1-284040-0 ✓ ACTIVE

Buchanan

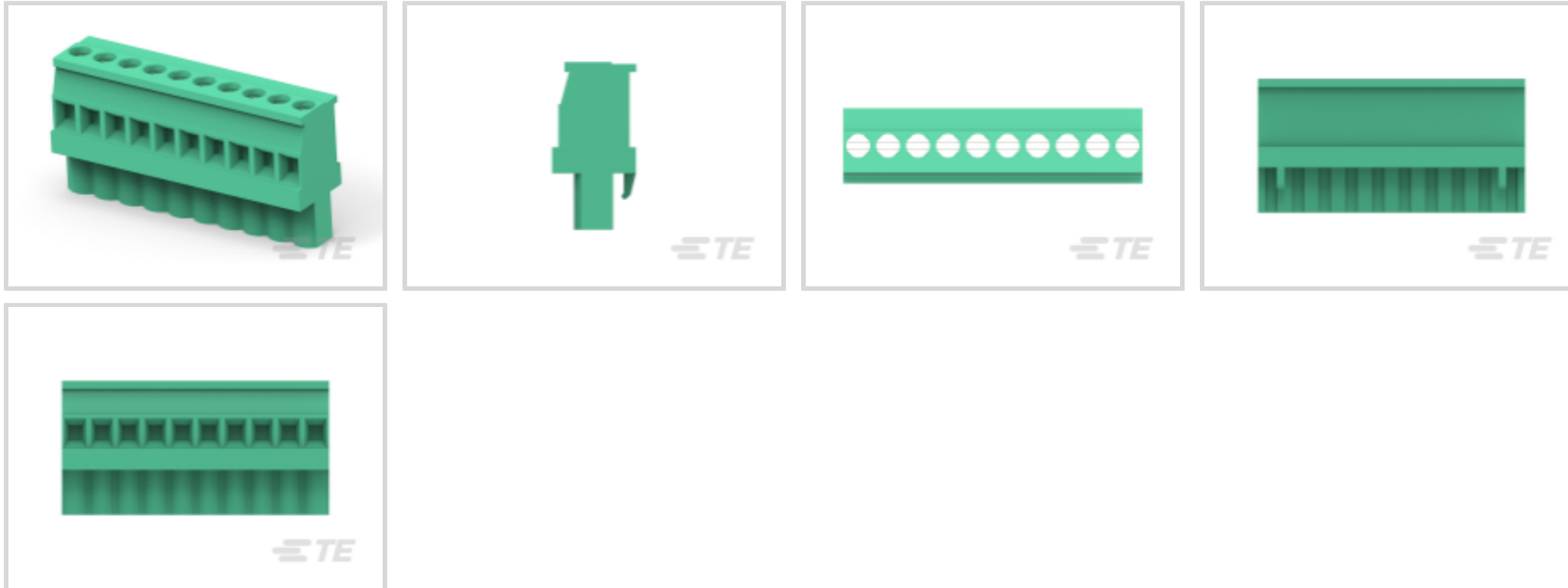
TE Internal #: 1-284040-0

PCB Terminal Blocks, Plug, Wire-to-Board, 10 Position, .197 in [5 mm] Centerline, 1 Row, 90° 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: **10**

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

Number of Rows: **1**

## Features

### Product Type Features

Wire Protection	With
Terminal Block Connector Type	Plug
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	10
Number of Rows	1
Wire Entry Angle	90°

### Electrical Characteristics

Operating Voltage	300 VAC
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### Body Features

Primary Product Color	Green
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Product Orientation	Vertical
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### Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	15 A

### Termination Features

Termination Method to Wire & Cable	Push-in
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### Mechanical Attachment

Screw Plating Material	Nickel
Screw Material	Brass
Thread Size	M3

### Housing Features

Housing Material	PA 66
Centerline (Pitch)	5 mm [.197 in]

### Dimensions

Wire Size	.05 – 3 mm <sup>2</sup>
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### 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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### Identification Marking

Marking Color	White
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### Packaging Features

Packaging Quantity	100
Packaging Method	Box

### 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

Current ECHA Candidate List: JUNE 2023 (235)

Candidate List Declared Against: JAN 2020 (205)

Does not contain REACH SVHC

Halogen Content

Not Yet Reviewed for halogen content

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



TE Part # 1-796644-0  
10POS 5.0MM CE R/A HDR, TRM BLK



TE Part # 1-796642-0  
10POS 5.0MM CE VRT HDR, TRM BLK



TE Part # 1-282812-0  
TERMI-BLOK HEADER, ASSY 10P.5



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



TE Part # 1-282822-0  
TERMI-BLOK HEADER, ASSY90 10P.



TE Part # 2-1546118-0  
20POS.5MM VERT.PLUG LH BLCK

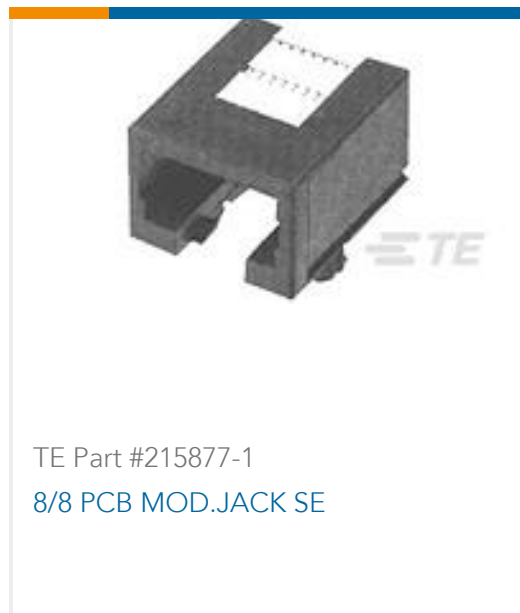
## Customers Also Bought



TE Part #5747236-6  
15 MSFL PLUG RA 318 (SL,FM)



TE Part #1-1825007-6  
DRD16E04=ROT DIP,16P



TE Part #215877-1  
8/8 PCB MOD.JACK SE



TE Part #6339160-1  
MJ,RJ45,SMT,SHLD,PANEL GRD



TE Part #640383-2  
02P MTA156 HDR ASSY STR SQ SN



TE Part #640383-4  
04P MTA156 HDR ASSY STR SQ SN



TE Part #1-640383-2  
12P MTA156 HDR ASSY STR SQ SN



TE Part #796644-6  
6POS 5.0MM CE R/A HDR,TRM BLK



TE Part #1-796644-2  
12POS 5.0MM CE R/A HDR,TRM BLK

## Documents

### CAD Files

3D PDF

English

Customer View Model

[ENG\\_CVM\\_1-284040-0\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-284040-0\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-284040-0\\_C.3d\\_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-284040-0\\_B.2d\\_dxf.zip](#)

English

Customer View Model



[ENG\\_CVM\\_CVM\\_1-284040-0\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-284040-0\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS](#)

English

[1-1773458-1\\_EURO\\_STYLE\\_TERMINAL\\_BLOCKS\\_QRG](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[UL](#)

English