



**Buchanan**

TE Internal #: 284509-2

Plug, Wire-to-Board, 2 Position, 3.81 mm [.15 in] Centerline, 1 Row, 180° Wire Entry Angle, 30 – 14 AWG Wire Size, PCB Terminal Blocks

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



EU RoHS Compliance: **Compliant with Exemptions**

EU ELV Compliance: **Compliant with Exemptions**

Terminal Block Connector Type: **Plug**

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

Number of Positions: **2**

**Features**

**Other**

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

**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	2
Number of Rows	1
Wire Entry Angle	180°

**Electrical Characteristics**

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Operating Voltage	300 VAC
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### Body Features

Primary Product Color	Green
Product Orientation	Right Angle

### Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	11 A

### Mechanical Attachment

Screw Plating Material	Nickel
Thread Size	M2
Screw Material	Brass

### Housing Features

Housing Material	PA 66
Centerline (Pitch)	3.81 mm [.15 in]

### Dimensions

Wire Size	30 – 14 AWG
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### Usage Conditions

Operating Temperature Range	-40 – 110 °C [-40 – 230 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	300
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## 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241)



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

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 # 2342078-2  
2POS HDR ST, HT, 3.81MM PITCH, TL 1.9MM



TE Part # 284518-2  
2P TERMIBLOK HDR DIR MODULE



TE Part # 1776135-2  
2P TERMI-BLOK HDR,HIGH TEMP

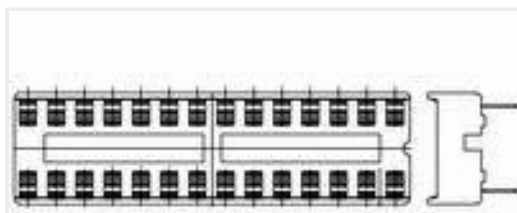


TE Part # 284513-2  
2 POS TERMI-BLOK HDR 900 POL.

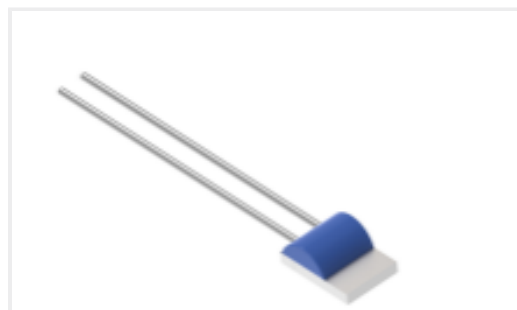


TE Part # 284517-2  
2P TERMIBLOK HDR DIR POLAR

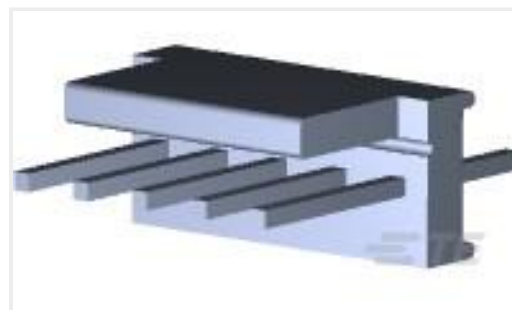
## Customers Also Bought



TE Part #1-2199298-2  
8P,DIP SKT,300 CL,LDR,PB FREE



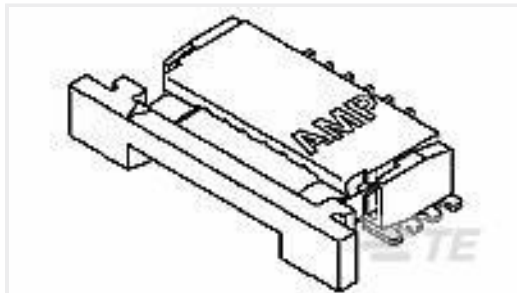
TE Part #NB-PTCO-006  
Pt1000, 2.0x2.3, Class B, PTFC102B1G0



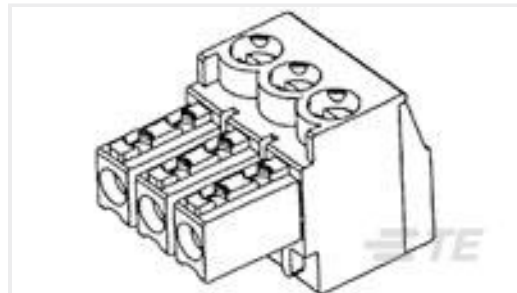
TE Part #640454-5  
05P MTA100 HDR ASSY SQ STR POL



TE Part #640456-4  
04P MTA100 HDR ASSY F/L SQ STR



TE Part #1-84952-5  
1MM FPC HORZ.BTTM CONT.ASS.15P



TE Part #284507-3  
3 POS TERMI-BLOK PLUG STAC 3,8



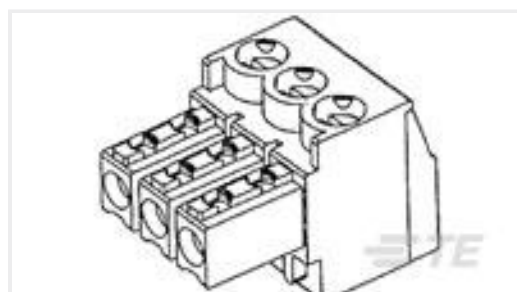
TE Part #284517-3  
3P TERMI-BLOK HDR DIR POLAR



TE Part #3-641653-3  
03P MTA100 CONN ASSY RED LF



TE Part #284517-2  
2P TERMI-BLOK HDR DIR POLAR



TE Part #284509-3  
3P TERMI-BLOK PLUG STACK 3,8

## Documents

### Product Drawings

#### 2P TERMI-BLOK PLUG STACK 3,8

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284509-2\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284509-2\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284509-2\\_B.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

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[UL](#)

English