



Buchanan

TE Internal #: 284509-5

PCB Terminal Blocks, Plug, Wire-to-Board, 5 Position, .15 in [3.81 mm] Centerline, 1 Row, Side Wire Entry Angle, 30 – 14 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): **3.81 mm [.15 in]**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Current Rating (Max)	11 A
Voltage Rating	300 VAC

Body Features



Interlock	With
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Contact Features

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

Mechanical Attachment

Screwless Terminal Block	No
Mounting Angle	Right Angle
Screw Size	M2
Screw Plating Material	Nickel
Screw Material	Brass
Screw Flange	Without

Housing Features

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

Dimensions

Wire Size	.05 – 2 mm ²
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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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Packaging Features

Packaging Quantity	150
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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 2022 (224)




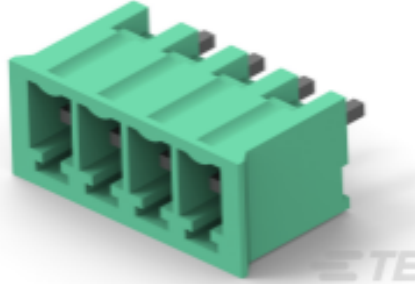
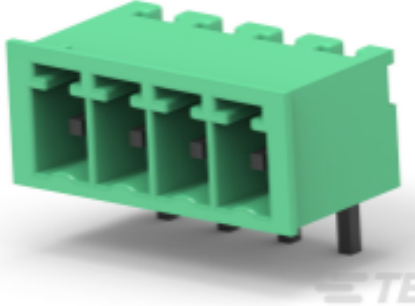


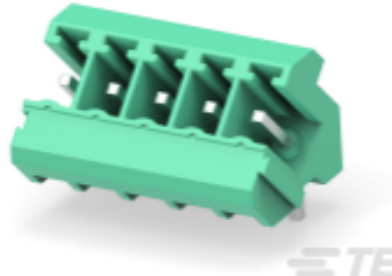
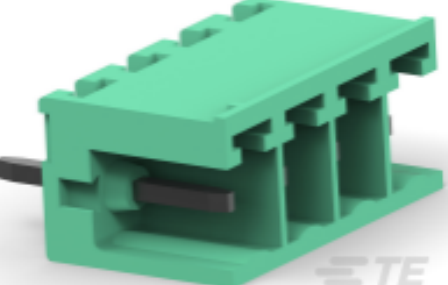
Candidate List Declared Against: JUN 2016
 (169)
 SVHC > Threshold:
 Not Yet Reviewed

Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

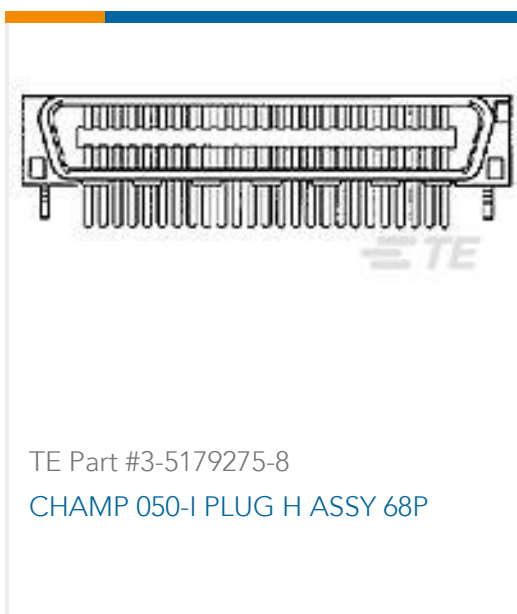
Product Compliance Disclaimer

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 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 # 2342078-5 5POS HDR ST, HT, 3.81MM PITCH, TL 1.9MM	 TE Part # 284517-5 5P TERMIBLOK HDR DIR POL	 TE Part # 284513-5 5 POS TERMI-BLOK HDR 900 POL.	 TE Part # 1776135-5 5P TERMI-BLOK HDR,HIGH TEMP
 TE Part # 1986345-5 5P TERMI-BLOK PLUG STACK 3,81,	 TE Part # 1986825-5 5P, MALE CON, 3.81MM,45D,M	 TE Part # 284518-5 5P TERMIBLOK HDR DIR MODULE	

Customers Also Bought



TE Part #3-5179275-8
CHAMP 050-I PLUG H ASSY 68P



TE Part #2-178216-2
Header Assembly: Wire-to-Board, 15A,
gold or tin plated



TE Part #2-2013519-0
DYNAMIC D3900 H-HDR ASSY 10P Y
TYPE-A



TE Part #1-2229803-2
D3950 HDR 7/11POS 1ROW Y KEY



TE Part #3-2134249-3
D3900S 7.5MM PITCH REC ASSY 3P
BLACK Z



TE Part #3-5175475-5
CHAMP 050 B/B REC V W/LEG 40P



TE Part #3-5175475-7
CHAMP 050 B/B REC V W/LEG 60P



TE Part #2837892-2
OCEAN-2.0-APPLICATOR-S-046F053F



TE Part #5917629-5
AMP FH REC V 120P H-9 SIF

Documents

Product Drawings

[5P TERMI-BLOK PLUG STACK 3,8](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_284509-5_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284509-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284509-5_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

[Product Specifications](#)

[Application Specification](#)

English