282815-9 ✔ ACTIVE

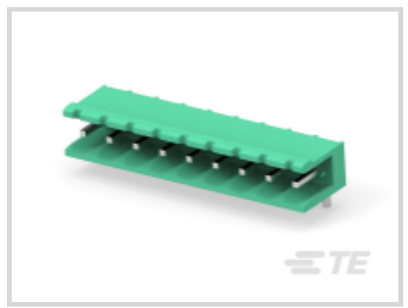
Buchanan

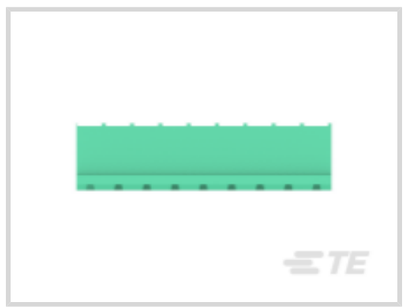
TE Internal #: 282815-9

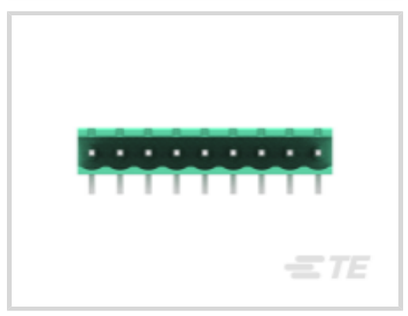
Header, Wire-to-Board, 9 Position, 5.08 mm [.2 in] Centerline, 1 Row, 30 – 12 AWG Wire Size, .05 – 3 mm² Wire Size, PCB Terminal Blocks

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks







Terminal Block Connector Type: **Header**

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

Number of Positions: **9**

Centerline (Pitch): **5.08 mm [.2 in]**

Number of Rows: **1**

Features

Product Type Features

Header Type	Partially 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	9
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC

Body Features

Primary Product Color	Green
Product Orientation	Right Angle

Contact Features

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

Termination Features

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

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Housing Material	PA 66
Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

Wire Size	.05 – 3 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	100

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 2024 (241) 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

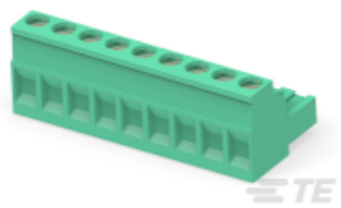
Solder Process Capability

Wave solder capable to 240°C

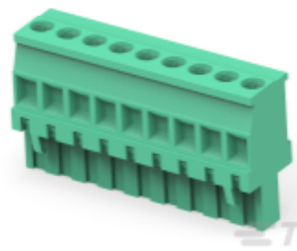
Product Compliance Disclaimer

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

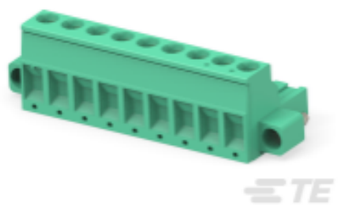
Compatible Parts



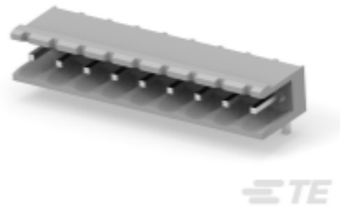
TE Part # 796634-9
9 POS 5.08MM R/A PLUG,TRM BLK



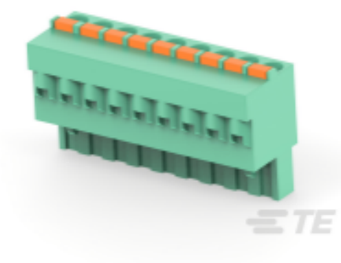
TE Part # 284047-9
TERMI-BLOK VERTICAL PLUG STACK



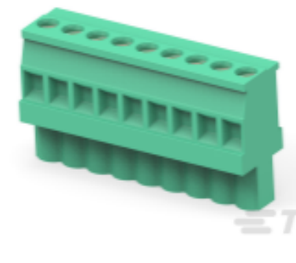
TE Part # 796859-9
9 POS TERMI-BLOK PLUG RT ANGLE



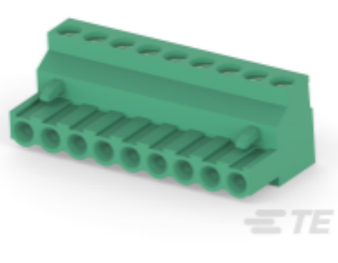
TE Part # 1546110-9
EUROSTYLE TB,HEADER,GREY,9 POS



TE Part # 1986262-9
9 POS PLUG SPRING CONN, PITCH 5.08



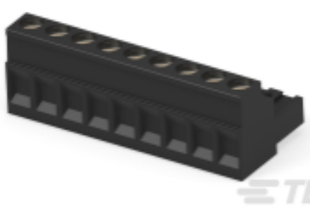
TE Part # 284041-9
TERMINAL BLK VERTICAL PLUG STA



TE Part # 4-796634-9
9 POS 5.08MM R/A PLUG,TRM BLK, Marked

TE Part # 4-796635-3
9 POS 5.08MM R/A PLUG,TRM BLK, AU

TE Part # 4-796635-6
9 POS 5.08MM R/A PLUG,TRM BLK, Spcl Mark

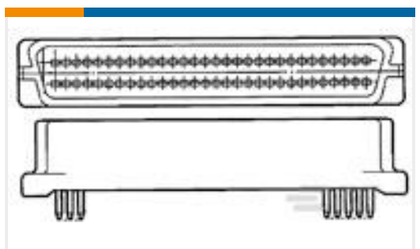


TE Part # 796635-9
9 POS 5.08MM R/A PLUG,TRM BLK

Customers Also Bought

TE Part #5103309-5
A/L LOW PRO HDR 20P VERT BLACK

TE Part #2-382811-1
SHUNT, ECON, PHBRSN, BLACK



TE Part #5173280-3
AMPLIMITE.050 CAP ASS'Y (V) 50

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282815-9_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282815-9_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282815-9_C.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

BUCHANAN PCB TERMINAL BLOCKS

English

1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English