1-282851-2 ✔ ACTIVE

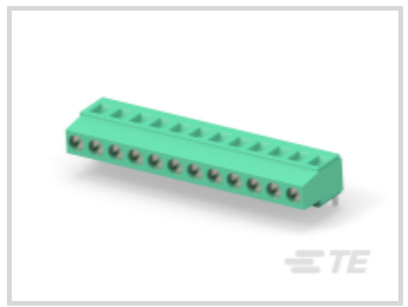
Buchanan

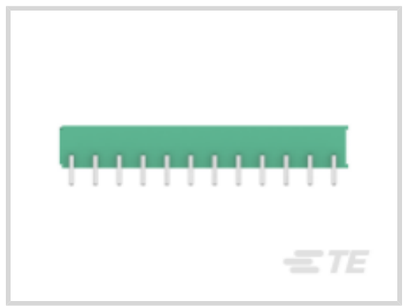
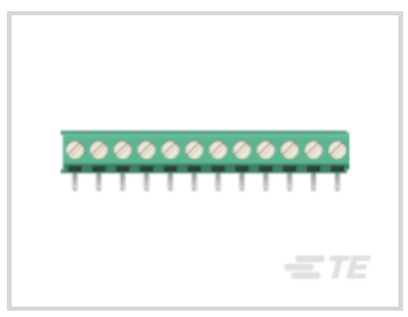
TE Internal #: 1-282851-2

Header, Wire-to-Board, 12 Position, 5.08 mm [.2 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG 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: **12**

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

Number of Rows: **1**

Features

Product Type Features

Wire Protection	With
Header Type	Fully Shrouded
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stacked Levels	Without
Wire Entry Location	Top
Stacking Configuration	Side Stackable
Number of Positions	12
Number of Rows	1
Wire Entry Angle	90°

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	Brass
Contact Current Rating (Max)	17.5 A

Termination Features

Termination Post & Tail Length	3.8 mm[.15 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Screw Plating Material	Nickel
Screw Material	Brass
Thread Size	M3
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Wire Size	.05 – 3 mm^2

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (.77% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

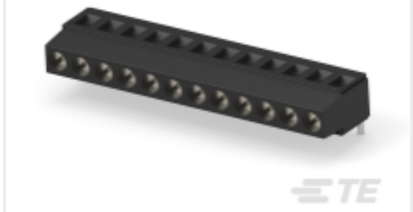
Product Compliance Disclaimer

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

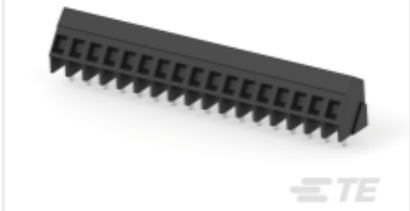
Compatible Parts



TE Part # 2-1546073-4
24POS 5.08MM TERMI-BLOK

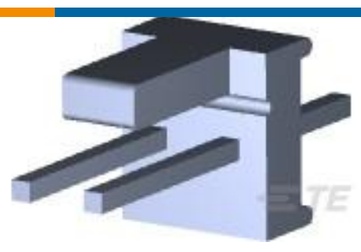


TE Part # 1-1546073-2
12POS 5.08MM TERMI-BLOK



TE Part # 1-1546074-7
17POS 5.08MM TERMI-BLOK TOP WI

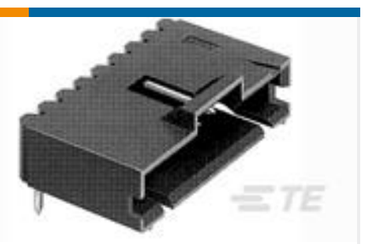
Customers Also Bought



TE Part #640454-2
02P MTA100 HDR ASSY SQ STR POL



TE Part #1-1393210-3
T9AS1D12-12



TE Part #5-103635-4
05 MTE HDR SRRA LTCH.100CL LF

Documents

Product Drawings

TERMI-BLOK PCB MOUNT 180 12P.

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-282851-2_C1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-282851-2_C1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-282851-2_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_1-282851-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1-282851-2_C.3d_stp.zip

English

Customer View Model

ENG_CVM_1-282851-2_C.2d_dxf.zip

English

3D PDF

English

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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

Agency Approvals

UL

English

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1-794222-0 141991-2 175977-2 1969656-1 2377783-2 2380312-2 2834055-1 CPF0402B37K4E1 650075-000 917696-1 SBCHE64R7K U5254-000005-030PA 1-962915-1 2005330-1 SMW73R0JT 3430B2F51RTDF ROX05SJ18R 1393431-1 1903112-2 3631B101LL 936348-1 MPT100C18RF RH73H2A40MKTN SBCHE154R7K TE50BR39J 1743455-2 2-292161-3 2310537-1 3-1393225-0 CRGCQ2010J3K3