282857-6 ✔ ACTIVE

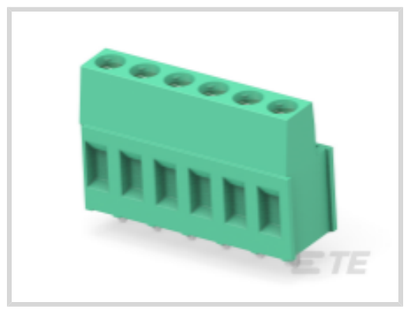
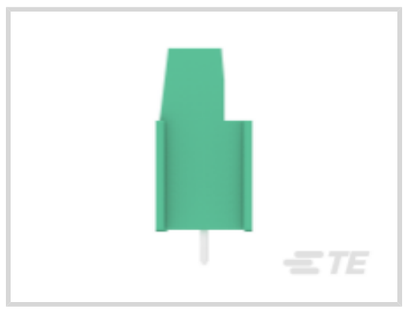
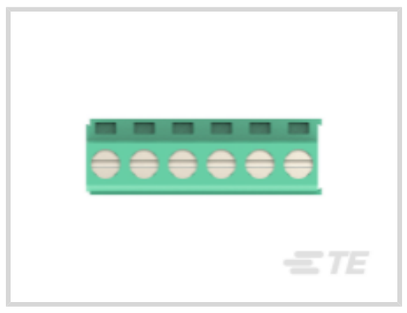
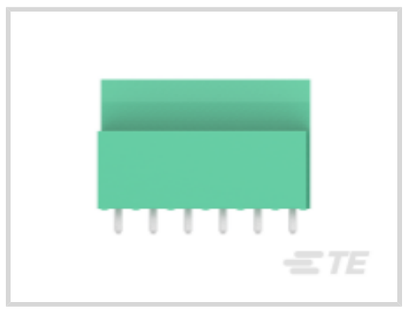
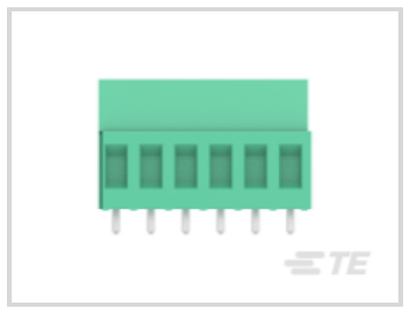
Buchanan

TE Internal #: 282857-6

6 Position PCB Terminal Block, Header, Wire-to-Board, 5.08 mm [.2 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG, .05 – 3 mm² Wire, 300 VAC

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks

Terminal Block Connector Type: **Header**

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

Number of Positions: **6**

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

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Stacking Configuration	Side Stackable
Stacked Levels	Without
Number of Positions	6
Number of Rows	1
Wire Entry Angle	90°
Wire Entry Location	Side

Electrical Characteristics

Operating Voltage	300 VAC

Body Features

Primary Product Color	Green
Product Orientation	Vertical

Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Brass
Contact Current Rating (Max)	24 A

Termination Features

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

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	30 – 12 AWG

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Marking Color	White

Packaging Features

Packaging Method	Carton
Packaging Quantity	100

Product Compliance

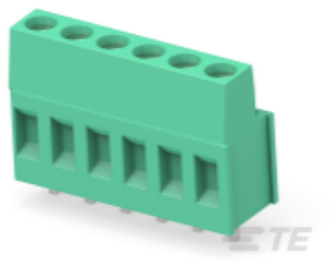
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (2% in 34469982553) 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 < 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 # 282856-6
6P TERMI-BLOK PCB MOUNT

Customers Also Bought



TE Part #34826
TERMINAL,PG R 16-14HD 3/8



TE Part #1-188275-6
MICRO-MATCH SMD FTE



TE Part #206137-5
23-7 RECEPT STD SEX



TE Part #206207-1
17-3 RECEPT. FREE-HANGING



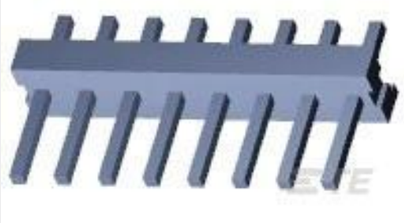
TE Part #211825-2
CPC RECPT ASSEMBLY SIZE 23-13



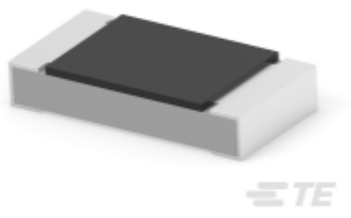
TE Part #640383-4
04P MTA156 HDR ASSY STR SQ SN



TE Part #CAT-104MTA-PVUNH
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment



TE Part #644968-4
08P MTA156 HDR ASSY OMIT#5,7



TE Part #4-2176581-2
RLC73PD 2B R15 1% 5K RL

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_282857-6_F1.3d_stp.zip
English

Customer View Model
ENG_CVM_CVM_282857-6_F1.2d_dxf.zip
English

3D PDF
3D

Customer View Model
ENG_CVM_CVM_282857-6_F1.3d_igs.zip
English

Customer View Model
ENG_CVM_282857-6_F.2d_dxf.zip
English

Customer View Model
ENG_CVM_282857-6_F.3d_igs.zip
English

Customer View Model

ENG_CVM_282857-6_F.3d_stp.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Eurostyle Terminal Blocks Focus Product Stock List

English

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