1986242-8 ✔ ACTIVE

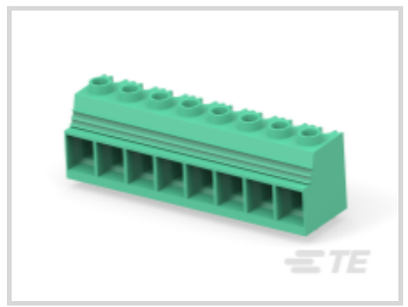
Buchanan | Custom Terminal Block

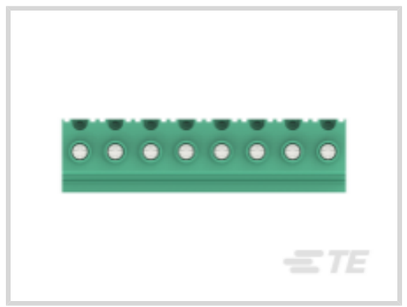
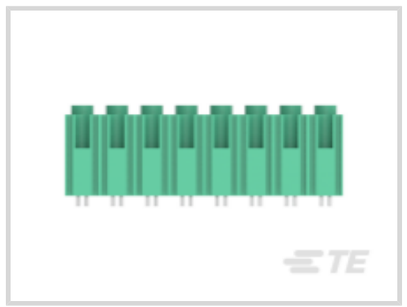
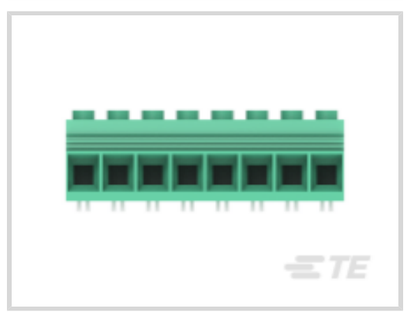
TE Internal #: 1986242-8

8 Position PCB Terminal Block, Header, Wire-to-Board, 15 mm [.591 in] Centerline, 1 Row, 90° Wire Entry Angle, 20 – 1 AWG, Custom Terminal Block

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: **8**

Terminal Block Connector Type: **Header**

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

Centerline (Pitch): **15 mm [.591 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

Configuration Features

Stacking Configuration	Side Stackable
Stacked Levels	Without
Number of Positions	8
Number of Rows	1
Wire Entry Angle	90°
Wire Entry Location	Side

Electrical Characteristics

Operating Voltage	600 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)	125 A

Termination Features

Termination Post & Tail Length	4.5 mm[.177 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Screw Plating Material	Chromated
Screw Material	Steel
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyamide 6.6 GF
Centerline (Pitch)	15 mm[.591 in]

Dimensions

Wire Size	20 – 1 AWG

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	16

Product Compliance

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

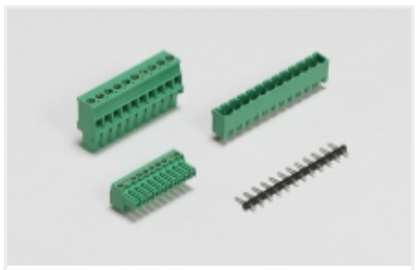
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247)

	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 260°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

Also in the Series | Custom Terminal Block



PCB Terminal Blocks(7)

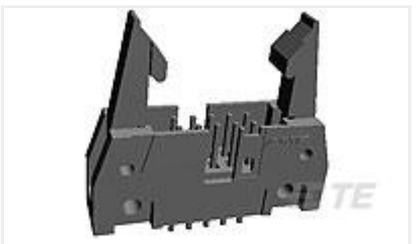
Street Lighting Power Management(1)

Customers Also Bought

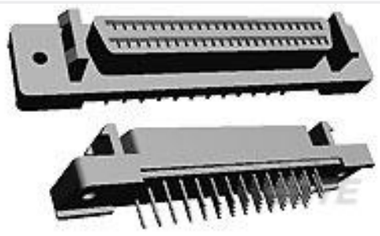
TE Part #2-1879447-3
TE 200W 68R 5% Bracket

TE Part #1825194-1
MSSA135004=SW SLIDE, SP3T AG

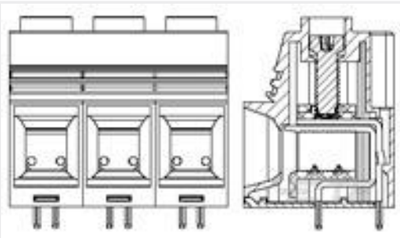
TE Part #4-641436-5
15P MTA156 CONN ASSY LF



TE Part #499910-9
040 UNIV HDR SP 4S 15DP STD L2



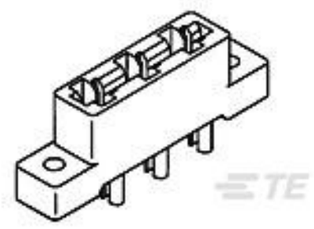
TE Part #749721-5
50 50SR VERT RCPT ASSY



TE Part #1986242-5
Power Connector, 15.0mm, Green, 5 posn

TE Part #3-1630019-4
HSC200 R13 5%

TE Part #1-1986714-0
PWR TB 2PIN 10P,15.00 PCB W/PEG



TE Part #5-145339-1
HI CURRENT ASSY 5 POS/3 LOADED

Documents

Product Drawings

Power Connector, 15.0mm, Green, 8 posn

English

CAD Files

Customer View Model

ENG_CVM_CVM_1986242-8_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1986242-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1986242-8_A.3d_stp.zip

English

Datasheets & Catalog Pages

1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG

English

HIGH_POWER_TERMINAL_BLOCKS_15.0_PITCH

English