1986775-8 ✔ ACTIVE

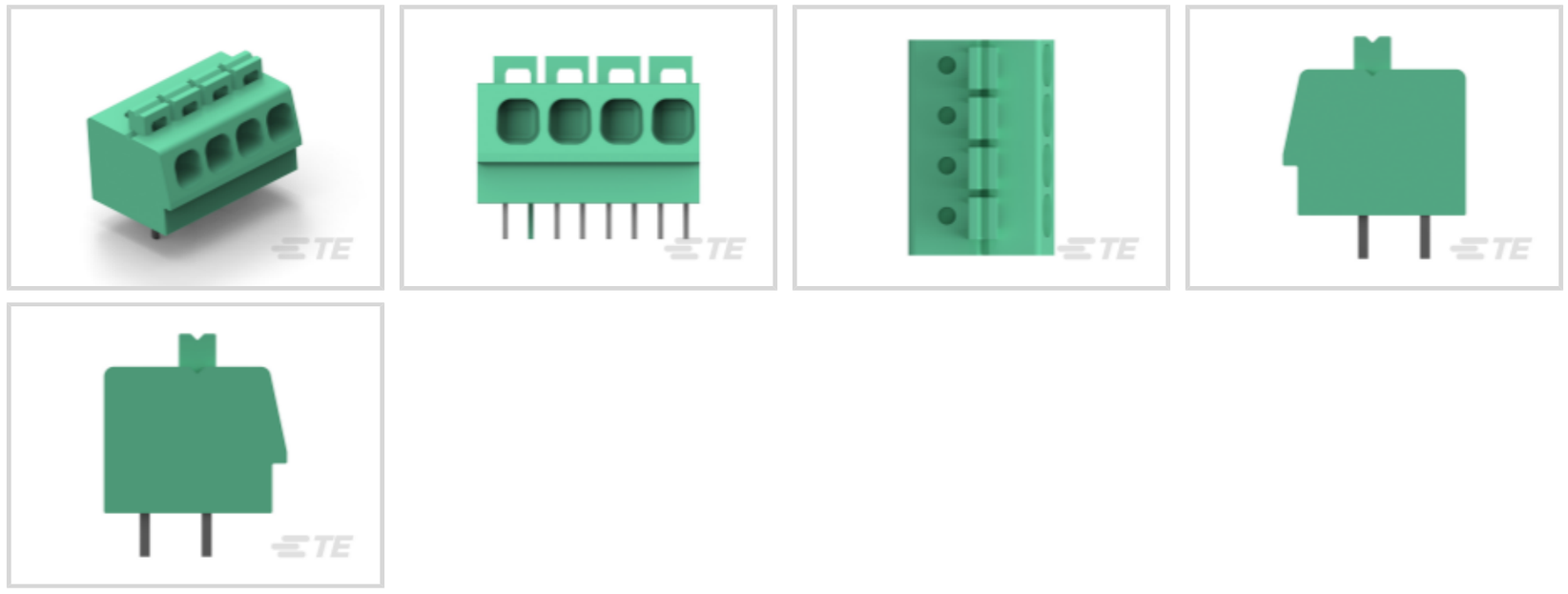
Buchanan

TE Internal #: 1986775-8

8 Position PCB Terminal Block, Header, Wire-to-Component, 5.08 mm [.2 in] Centerline, 2 Row, 90° Wire Entry Angle, 20 – 1 AWG, .5 – 41 mm² Wire

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: **8**

Terminal Block Connector Type: **Header**

Connector System: **Wire-to-Component**

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

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Stacking Configuration	Side Stackable
Number of Positions	8
Number of Rows	2
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	Copper Alloy
Contact Current Rating (Max)	15 A

Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to PCB	Through Hole - Solder
Termination Method to Wire & Cable	Push-in, Spring Terminal

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Wire Size	20 – 1 AWG

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Package
Packaging Quantity	100

Product Compliance

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

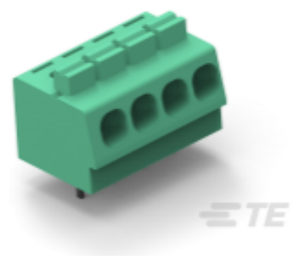
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247)

	Candidate List Declared Against: JAN 2025 (247) 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	Not reviewed 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 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

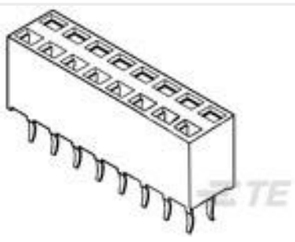
Compatible Parts



TE Part # 1986712-8
SCREWLESS, SW,8P,5.08 PCB

Customers Also Bought

TE Part #2834082-1
5.0MM SIDE ENTRY MSC 2P_GY



TE Part #215307-6
2X6P HV100 REC CON. TE, 7.0MM

TE Part #1986711-3
SCREWLESS, SW,3P,5.0 PCB

TE Part #4-2176231-0
3522 430R 1% 3W

TE Part #L9000025-01

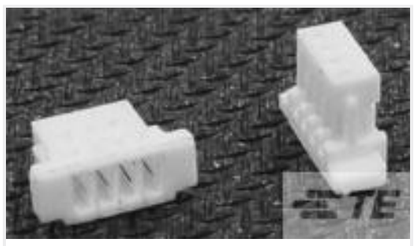
Antenna 1/4 Wave R-Angle 2.4GHz RPS

TE Part #2842142-2

4P,2MM,BRK HDR,DRVT,SMD,0.1AU, TR W/CAP

TE Part #1734597-1

1.0 WTB Terminal, Receptacle

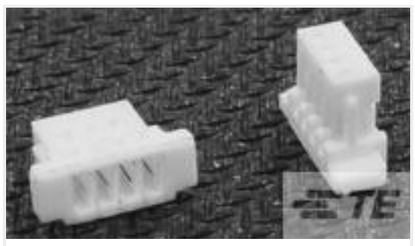


TE Part #1470364-2

1.0MM W T B RECPT,2POS HOUSING

TE Part #1734709-2

1.0 WTB HDR SR RA 2 POS



TE Part #1470364-4

1.0MM W T B RECPT,4POS HOUSING

Documents

Product Drawings

SCREWLESS, SW,8P,5.08 PCB, Low Amp

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1986775-8_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1986775-8_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1986775-8_B.3d_stp.zip

English

Datasheets & Catalog Pages

BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS

English

Agency Approvals

UL

English