1986775-6 ✔ ACTIVE

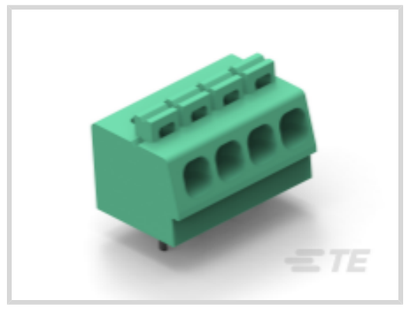
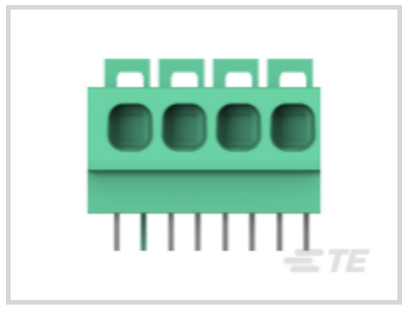
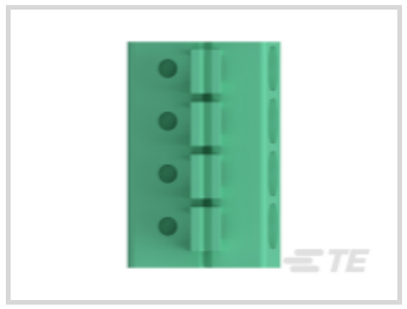
Buchanan

TE Internal #: 1986775-6

Header, Wire-to-Component, 6 Position, 5.08 mm [.2 in] Centerline, 2 Row, 90° Wire Entry Angle, 20 – 1 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-Component**

Number of Positions: **6**

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

Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	6
Number of Rows	2
Wire Entry Angle	90°

Electrical Characteristics

Operating Voltage	300 VAC

Body Features

Primary Product Color	Green

Product Orientation	Vertical

Contact Features

Contact Mating Area Plating Material	Tin
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	.5 – 41 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	100
Packaging Method	Package

Product Compliance

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

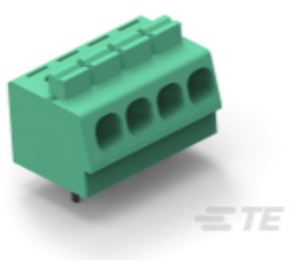
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)

	Candidate List Declared Against: JUNE 2024 (241) 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

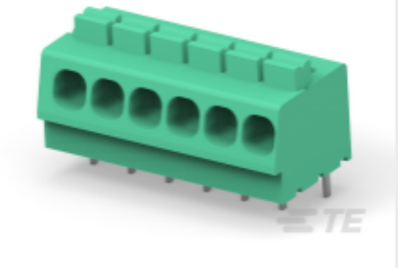
Product Compliance Disclaimer

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

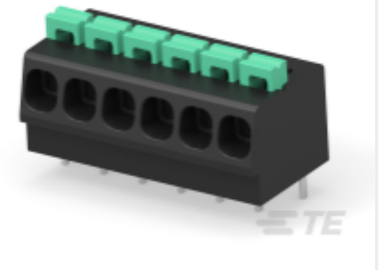
Compatible Parts



TE Part # 1986712-6
SCREWLESS, SW,6P,5.08 PCB



TE Part # 1986774-6
SCREWLESS, SW,6P,5.0 PCB, Low Amp



TE Part # 1986816-6
PCB SPRNG SIDE ENTRY HITEMP TB 5.08MM 6P

Customers Also Bought



TE Part #5177986-5
0.8FH,P05H.5,120,08/Sn,TR,SC



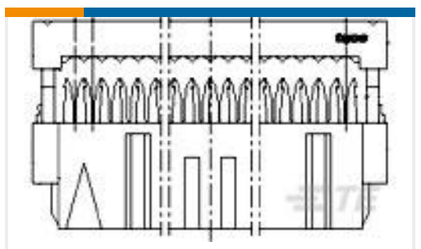
TE Part #5177986-3
0.8FH,P05H.5,080,08/Sn,TR,SC



TE Part #8-188275-0
MICRO-MATCH SMD FTE



TE Part #1-794617-4
14POS,MICRO MNL,RCPT HSG



TE Part #4-215882-0

40 WAY GREY MK II RECP

Documents

Product Drawings

SCREWLESS, SW,6P,5.08 PCB, Low Amp

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1986775-6_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1986775-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1986775-6_B.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

Agency Approvals

UL

English

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TE Connectivity:

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