1986718-7 ✔ ACTIVE

Buchanan

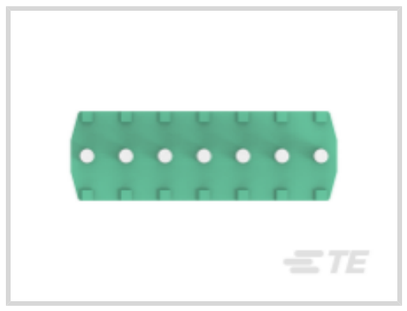
TE Internal #: 1986718-7

7 Position PCB Terminal Block, Header, Wire-to-Board, 3.5 mm [.138 in] Centerline, 1 Row, 14 – 26 AWG, .5 – 1.5 mm² Wire, 150 VAC

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks





Number of Positions: **7**

Terminal Block Connector Type: **Header**

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

Centerline (Pitch): **3.5 mm [.138 in]**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Stacking Configuration	Side Stackable
Number of Positions	7
Number of Rows	1

Electrical Characteristics

Operating Voltage	150 VAC

Body Features

Primary Product Color	Green
Product Orientation	Vertical

Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Length	10.6 mm[.417 in]
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	2 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

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyamide
Centerline (Pitch)	3.5 mm[.138 in]

Dimensions

Wire Size	14 – 26 AWG

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	100

Product Compliance

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

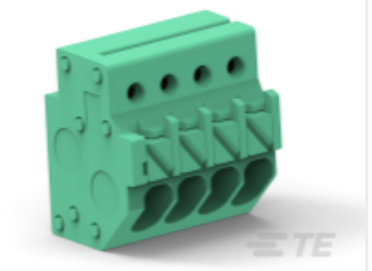
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC

	Free
Solder Process Capability	Wave solder capable to 265°C

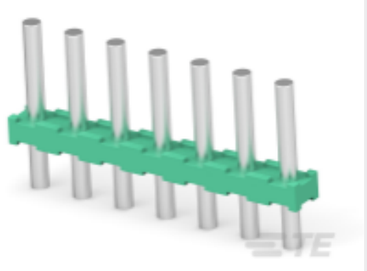
Product Compliance Disclaimer

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 # 1986716-7
Flush Mt Plug Spring Conn 7P 3.50mm



TE Part # 1986717-7
HEADER, 7P, 3.5mm 12.5 H

Customers Also Bought

TE Part #1-6609006-6
10EJS1=F8031

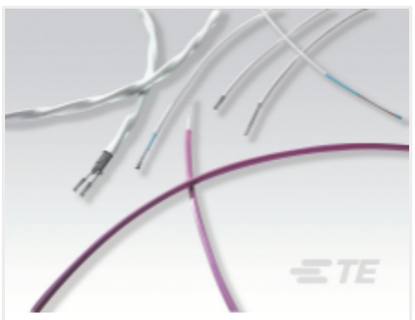
TE Part #1676647-2
RN 0805 13R3 0.1% 10PPM 1K RL

TE Part #1-1986722-2
STR PLUG SPRING TYPE LH 12P, 3.81 mm

TE Part #1-284517-2
12P TERMIBLOK HDR DIR POL

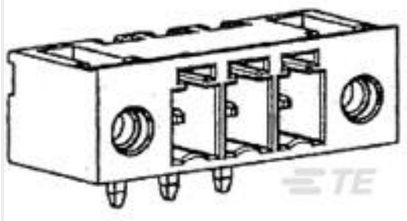
TE Part #6-1879134-3
RN 0603 44K2 0.1% 10PPM 1K RL

TE Part #7-1676971-9
RN 0805 7R5 0.1% 10PPM 1KRL



TE Part #CAT-82A-SC-HW
SPEC 80 Hookup Wire: FlexLine Cable, Silver Coated Copper

TE Part #6655690001
RPS-1K-16-10/2.0-S1-4



TE Part #796864-5
5 POS TERMI-BLOK HDR RT ANGLE

Documents

Product Drawings

HEADER, 7P, 3.5 PCB 16.5 H WB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1986718-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1986718-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1986718-7_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

5-1773463-2_Flush Mount Spring Type Plug

English

Agency Approvals

UL

English