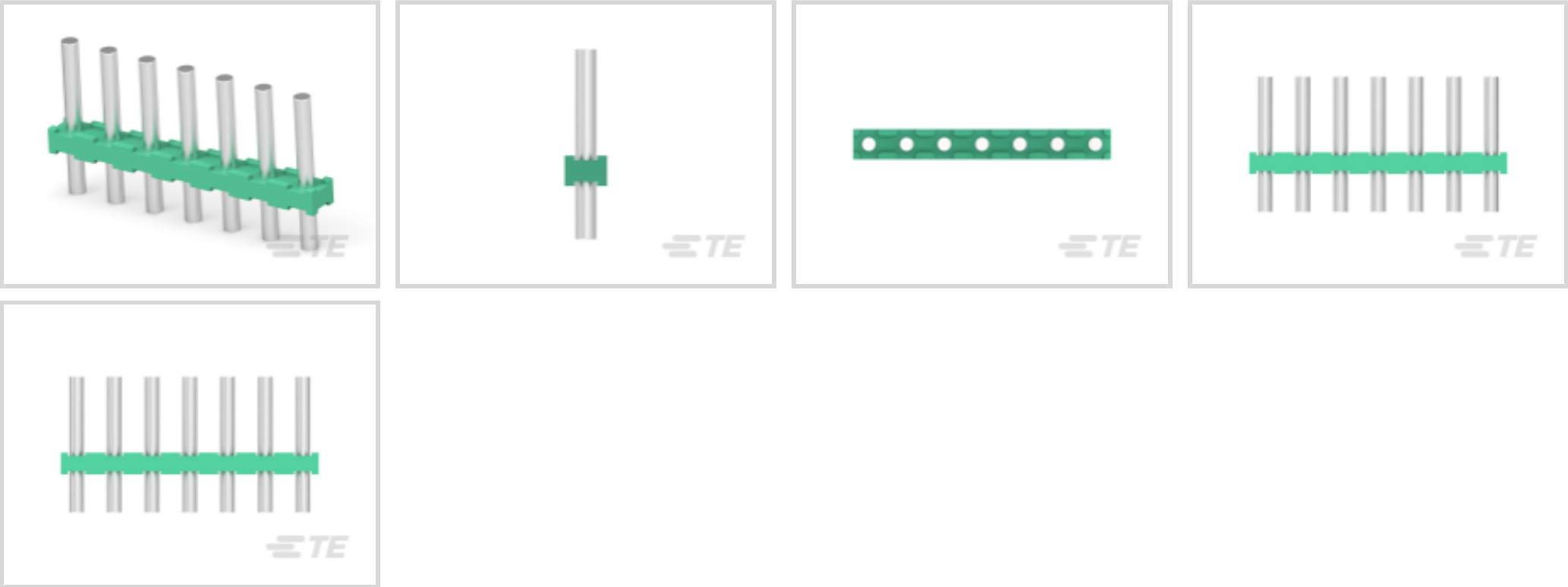




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



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
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Body Features

Primary Product Color	Green
Product Orientation	Vertical

Contact Features

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Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Length	7 mm[.275 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
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Housing Features

Housing Material	PA 66
Centerline (Pitch)	3.5 mm[.138 in]

Dimensions

Wire Size	24 – 16 AWG
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Usage Conditions

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

Circuit Application	Signal
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Packaging Features

Packaging Quantity	100
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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 # 1986718-7
HEADER, 7P, 3.5 PCB 16.5 H WB

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

Customers Also Bought

TE Part #1-2229803-2
D3950 HDR 7/11POS 1ROW Y KEY

TE Part #5917629-5
AMP FH REC V 120P H-9 SIF

TE Part #3-5179275-8
CHAMP 050-I PLUG H ASSY 68P

TE Part #3-2134249-3
D3900S 7.5MM PITCH REC ASSY 3P BLACK Z

TE Part #CAT-D9934-A75H
DYNAMIC 3400F HDR ASSY

TE Part #2837892-2
OCEAN-2.0-APPLICATOR-S-046F053F-SSA

TE Part #3-5175475-5
CHAMP 050 B/B REC V W/LEG 40P

TE Part #3-5175475-7
CHAMP 050 B/B REC V W/LEG 60P



Documents

Product Drawings

HEADER, 7P, 3.5mm 12.5 H

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1986717-7_B_c-1986717-7-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1986717-7_B_c-1986717-7-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1986717-7_B_c-1986717-7-b.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