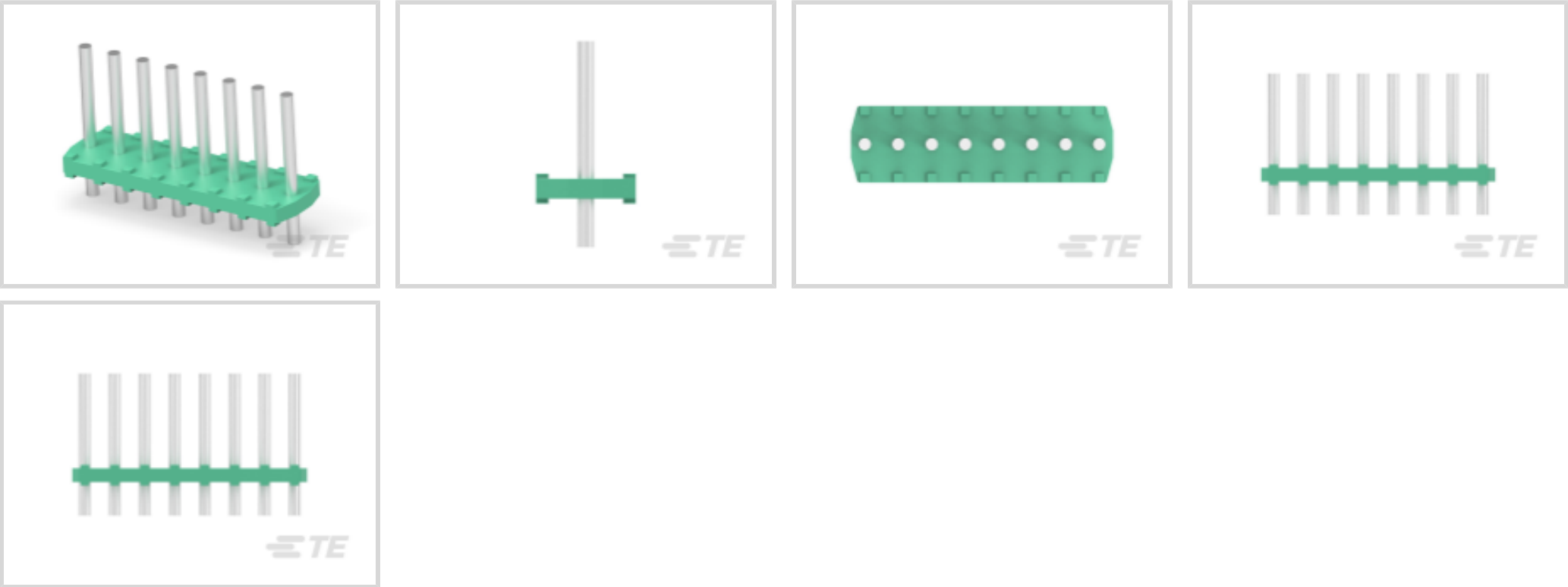




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 8

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 | 8 |
| 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 # 1986717-8
HEADER, 8P, 3.5mm 12.5 H

TE Part # 1986716-8
Flush Mt Plug Spring Conn 8P 3.50mm

Customers Also Bought

TE Part #1986717-6
HEADER, 6P, 3.5mm 12.5 H

TE Part #4-1734035-2
MINI USB, TYPE B, R/A, SMT, MYLAR

TE Part #YD369-G33-BP400000
369 3 WAY INLINE 90 PCB REC, GOLD, PIN

TE Part #5-1879266-7
RP 2B 475K 0.1% 15PPM 5K RL

TE Part #641966-3
03P UMNL PIN HDR ASSY 94VO, AU

TE Part #215308-7
2X 7P HV100 REC CON. TE, 7.0MM, TIN

TE Part #DTMF15-48P-B026
HDR, 48P, BLK, ST, NI/CU, ABCD

TE Part #1986718-4
HEADER, 4P, 3.5 PCB 16.5 H WB



Documents

Product Drawings

HEADER, 8P, 3.5 PCB 16.5 H WB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1986718-8_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1986718-8_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1986718-8_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