1986716-6 ✔ ACTIVE

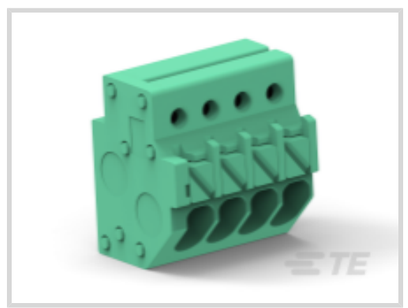
Buchanan

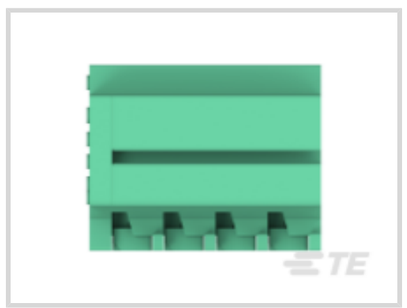
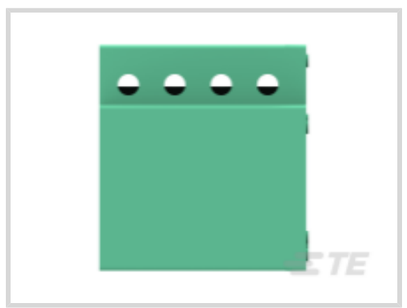
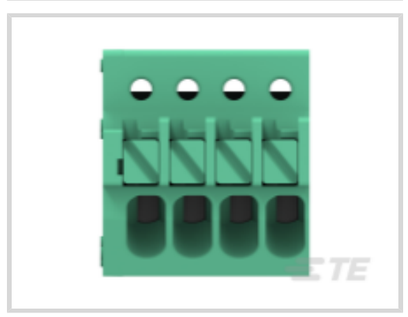
TE Internal #: 1986716-6

6 Position PCB Terminal Block, Plug, Wire-to-Board, 3.5 mm [.138 in] Centerline, 1 Row, 45° Wire Entry Angle, 20 – 16 AWG, .5 – 1.5 mm² Wire, 150 VAC

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: **6**

Terminal Block Connector Type: **Plug**

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

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

Number of Rows: **1**

Features

Product Type Features

Wire Protection	With
Terminal Block Connector Type	Plug
Connector System	Wire-to-Board

Configuration Features

Stacking Configuration	Side Stackable
Number of Positions	6
Number of Rows	1
Wire Entry Angle	45°
Wire Entry Location	Side

Electrical Characteristics

Operating Voltage	150 VAC

Body Features

Primary Product Color	Green
Lever Color	Orange

Product Orientation	Vertical

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Stainless Steel
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Push-in, Spring Terminal

Housing Features

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

Dimensions

Wire Size	20 – 16 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>

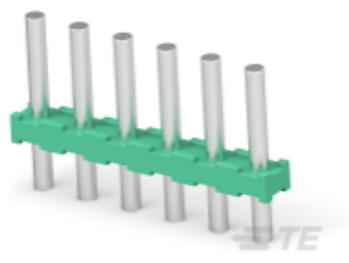
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 1986718-6
HEADER, 6P, 3.5 PCB 16.5 H WB



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

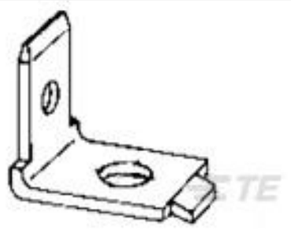
Customers Also Bought

TE Part #3727976001
CGPT-R-4.8-0

TE Part #8-1437565-1
FSMCTATR=TACTILE SWITCH T&R

TE Part #215460-6
MICRO-MATCH FEM.SE

TE Part #6-1768034-5
LKZ12B7

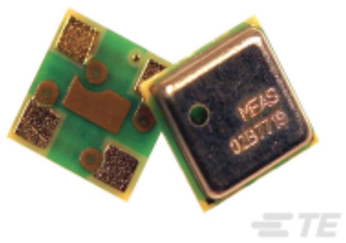


TE Part #170001-3
187 FASTON,TAB,TPBR

TE Part #1612618-1
DDR SODIMM SOCKET 200POS SEMI-

TE Part #2176331-4
CRGP 2512 18R 1%

TE Part #001-0012
ANTENNA,2.4/5.5 GHz Dipole,IP67



TE Part #MS563702BA03-50
2 BAR INDUSTRIAL ALTIMETER SENSOR

TE Part #7-188275-6
MICRO-MATCH SMD FTE

Documents

Product Drawings

Flush Mt Plug Spring Conn 6P 3.50mm

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1986716-6_A_c-1986716-6-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1986716-6_A_c-1986716-6-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1986716-6_A_c-1986716-6-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