2-1986712-3 ✔ ACTIVE

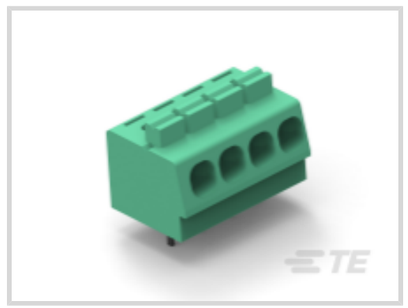
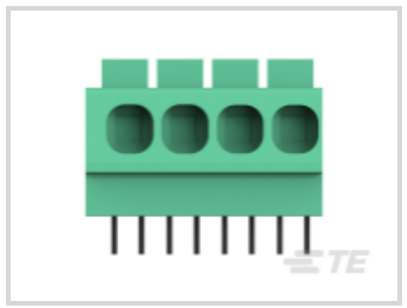
Buchanan

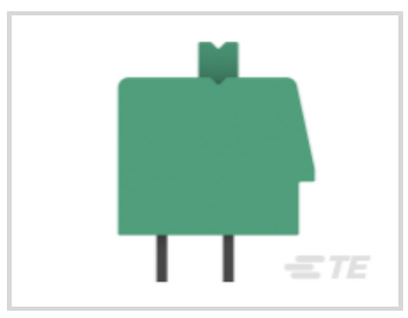
TE Internal #: 2-1986712-3

Header, Wire-to-Board, 23 Position, 5.08 mm [.2 in] Centerline, 2 Row, 90° Wire Entry Angle, 30 – 12 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-Board**

Number of Positions: **23**

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-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	23
Number of Rows	2
Wire Entry Angle	90°

Electrical Characteristics

Operating Voltage	300 VAC

Body Features

Lever Color	White

Primary Product Color	Green
Product Orientation	Vertical

Contact Features

Contact Mating Area Length	3.5 mm[.138 in]
Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	16 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	.05 – 3 mm^2

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	25

Product Compliance

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

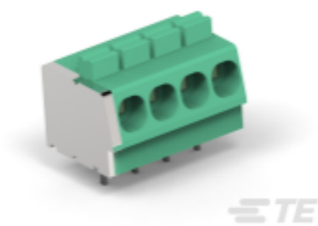
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)

	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	Wave solder capable to 265°C

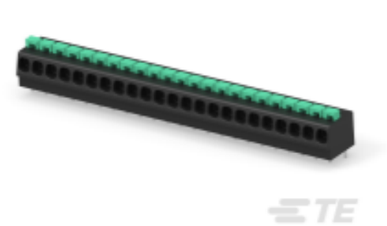
Product Compliance Disclaimer

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

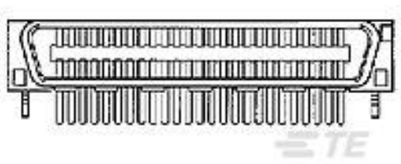


TE Part # 2-1986711-3
SCREWLESS, SW,23P,5.0 PCB



TE Part # 2-1986816-3
23P TB,PCB MNT,SPRNG, HIGH TEMP, 5.08MM

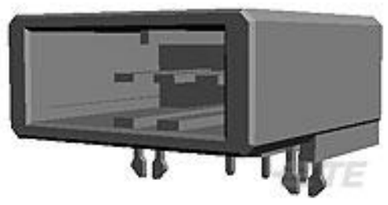
Customers Also Bought



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



TE Part #2-178216-2
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #2-2013519-0
DYNAMIC D3900 H-HDR ASSY 10P Y TYPE-A



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



TE Part #3-2134249-3

D3900S 7.5MM PITCH REC ASSY 3P BLACK Z



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



TE Part #2837892-2

OCEAN-2.0-APPLICATOR-S-046F053F-SSA



TE Part #5917629-5

AMP FH REC V 120P H-9 SIF

Documents

Product Drawings

SCREWLESS, SW,23P,5.08 PCB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1986712-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1986712-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1986712-3_B.3d_stp.zip

English

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

Agency Approvals

VDE Certificate

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

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