



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks > Header Assembly: Wire-to-Board Connector, Spring Clamp, 7.5 mm pitch, 14.5A



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Terminal Block Connector Type: **Receptacle**

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

Number of Positions: **3**

[All Header Assembly: Wire-to-Board Connector, Spring Clamp, 7.5 mm pitch, 14.5A \(12\)](#)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Terminal Block Connector Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Wire Entry Location	Top
Number of Positions	3
Number of Rows	1
Wire Entry Angle	180°

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Black
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Product Orientation	Vertical
Contact Features	
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	12.7 A
Termination Features	
Termination Method to Wire & Cable	Push-in
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Thermoplastic
Centerline (Pitch)	7.5 mm[.295 in]
Dimensions	
Wire Size	22 – 14 AWG
Usage Conditions	
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Method	Tray
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	Not Low Halogen - contains Br or Cl > 900 ppm.



Solder Process Capability

Not applicable for solder process capability

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 # 3-2229803-1
D3950 HDR 3POS 1ROW X KEY

Also in the Series | Dynamic 3000 Series

Connector Contacts(94)

Connector Hardware(8)

Insertion & Extraction Tools(2)

PCB Headers & Receptacles(282)

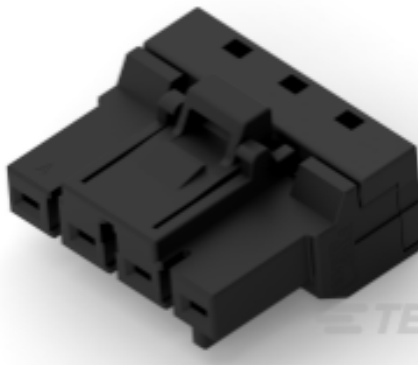
PCB Terminal Blocks(37)

Standard Rectangular Connectors(2)

Wire-to-Board Connector Assemblies & Housings(152)

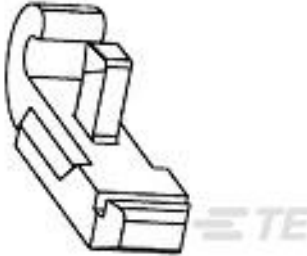
Customers Also Bought





TE Part #1-2331743-4

D3950 REC 4POS 1ROW X KEY MARKED



TE Part #1981045-1

DYNAMIC D3900 SPRING OPENER



TE Part #1376133-2

DYNAMIC D-3500 HDR ASSY 4P



TE Part #2294415-1

INDUSTRIAL MINI I/O HDR TYPE I TRAY



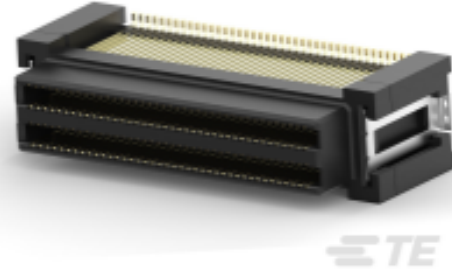
TE Part #3-5175475-8

CHAMP 050 B/B REC V W/LEG 68P



TE Part #1-2289080-2

D3950 REC 11POS 1ROW X KEY WB



TE Part #2305217-1

MICRO STACK REC ASSY 0.1 GOLD

TE Part #1-1734579-7

MOD-JK,8P8C,SHD Reverse, thick, 30u" Au

TE Part #3-1734579-4

MOD-JK,8P8C,SHD Reverse, thick, 50u" Au

TE Part #3-5179274-9

CHAMP 050-I PLUG V ASSY 80P

Documents

Product Drawings

D3950 REC 3POS 1ROW X KEY MARKED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2229794-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2229794-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2229794-1_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



DYNAMIC SPRING CLAMP SERIES

English

DYNAMIC SPRING CLAMP SERIES

Japanese

Introducing TE's D3950 Series Connector

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Agency Approvals

UL Report

English