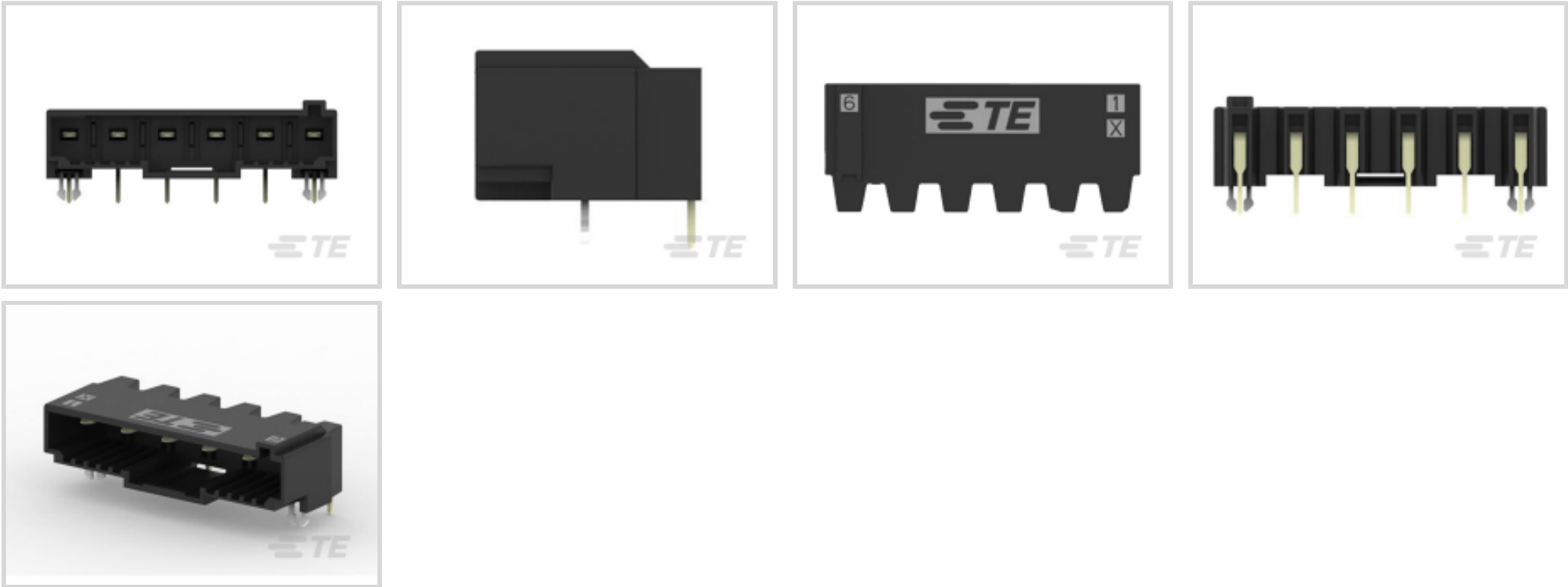




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks > Header Assembly: Wire-to-Board Connector, Spring Clamp, 7.5 mm pitch, 14.5A



Terminal Block Connector Type: **Header**

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

Number of Positions: **6**

Centerline (Pitch): **7.5 mm [.295 in]**

Number of Rows: **1**

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

Features

Product Type Features

Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Black
Product Orientation	Right Angle

Contact Features



Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	14.5 A

Termination Features

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	Thermoplastic
Centerline (Pitch)	7.5 mm [.295 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Tray
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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: 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 reviewed 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



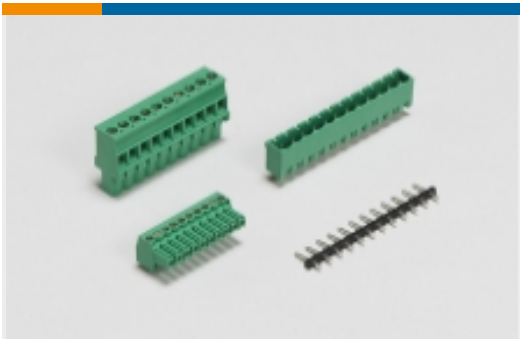
EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 # 1-2271454-6 D3950 REC 6POS 1ROW X KEY MARKED	 TE Part # 2271454-6 D3950 REC 6POS 1ROW X KEY	 TE Part # 4-2271454-6 D3950 REC 6POS 1ROW X KEY WITH MARKING
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Also in the Series

Dynamic 3000 Series

 Connector Contacts(94)	 Connector Hardware(8)	 Insertion & Extraction Tools(2)	 PCB Headers & Receptacles(283)
 PCB Terminal Blocks(37)	 Standard Rectangular Connectors(2)	 Wire-to-Board Connector Assemblies & Housings(152)	

Customers Also Bought



TE Part #1827588-2 DYNAMIC D1000 REC CONT L AU 0.38 um L/P	TE Part #2-2303376-1 D3200 FMLB REC STRAIN RELIEF KIT 4P SS	TE Part #5786554-9 100 50SR VRT RCPT,L,R,ACT PIN	TE Part #5650875-5 ASSY,RECEPTACLE,EUOCARD,TYPE
TE Part #4-644563-0 10P MTA100 CONN ASSY F/T 24AWG	TE Part #1-2271454-6 D3950 REC 6POS 1ROW X KEY MARKED	TE Part #1393845-3 RP821006	TE Part #344107-1 18W EMS.REC.ANTI-BACKOUT

Documents

Product Drawings
D3950 HDR 6POS 1ROW X KEY
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-2271457-6_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-2271457-6_B.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-2271457-6_B.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