

1-2271457-6 ✓ ACTIVE

Dynamic Series | Dynamic 3000 Series

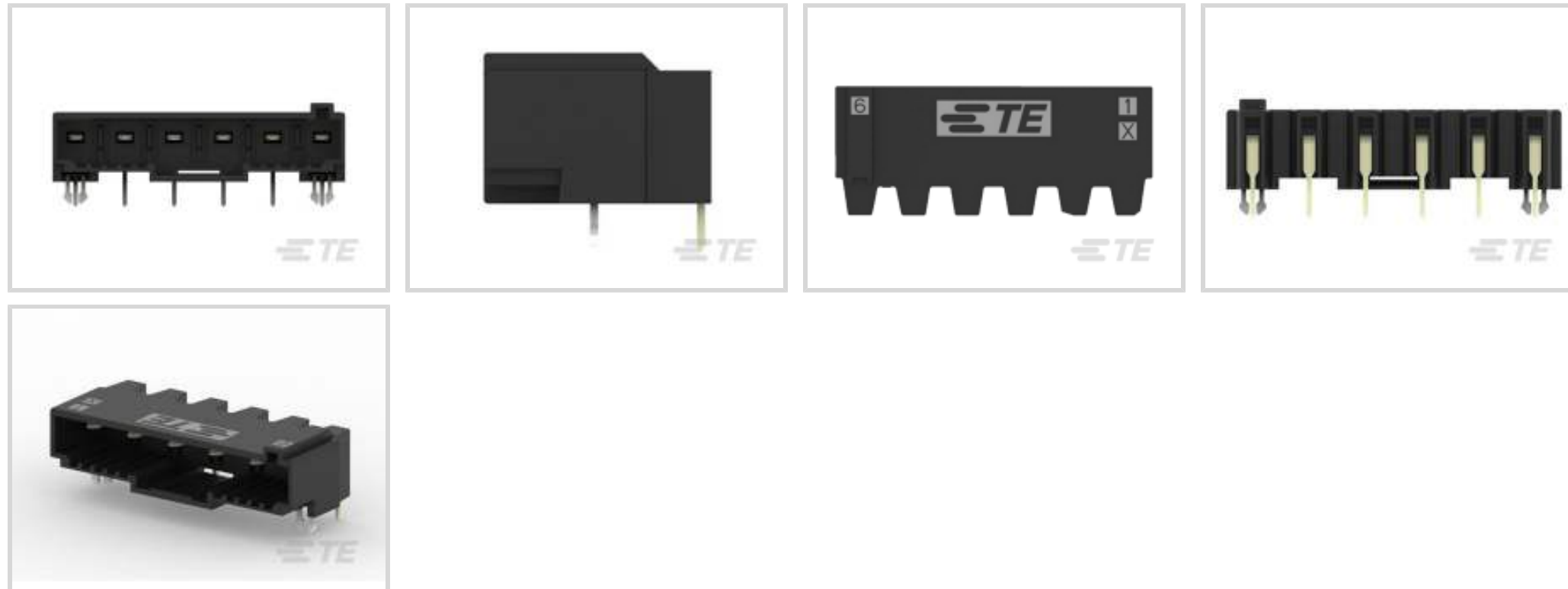
TE Internal #: 1-2271457-6

PCB Terminal Blocks, Header, Wire-to-Board, 6 Position, .295 in [7.5 mm] Centerline, 1 Row, Operating Voltage 300 VAC, Dynamic 3000 Series

[View on TE.com >](#)



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 Printed Circuit Board	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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

## Also in the Series | Dynamic 3000 Series



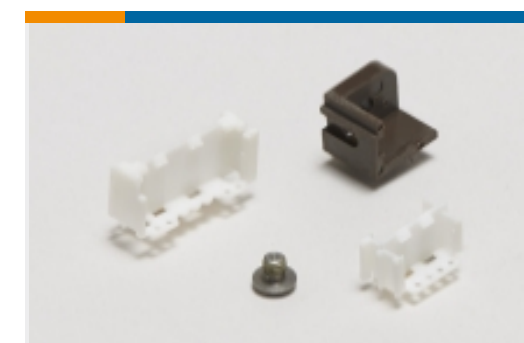
Connector Contacts(3)



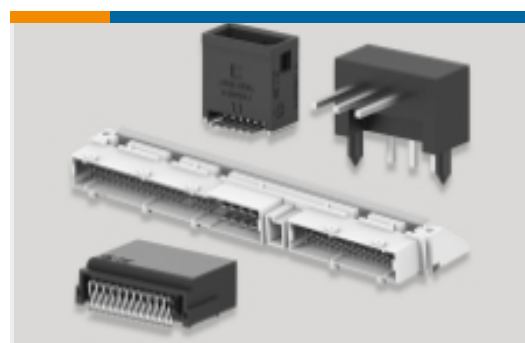
Insertion & Extraction Tools(1)



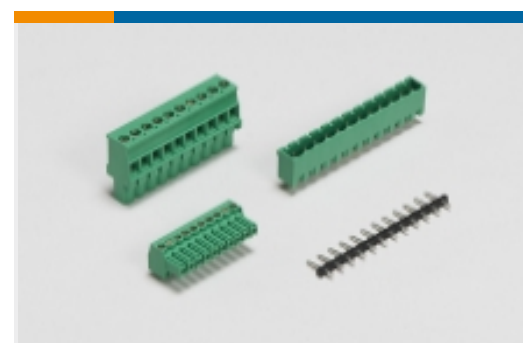
PCB Connector Keying(1)



PCB Connector Mounting(8)



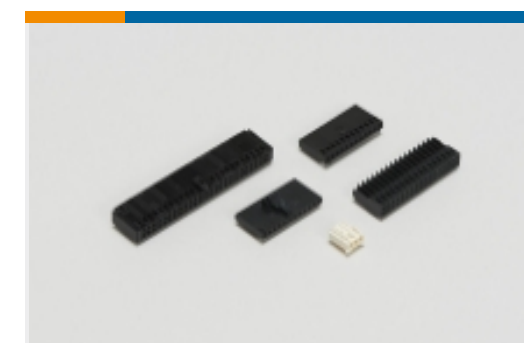
PCB Headers & Receptacles(283)



PCB Terminal Blocks(25)



Standard Rectangular Connectors(2)



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



Wire-to-Board Connector Contacts(91)

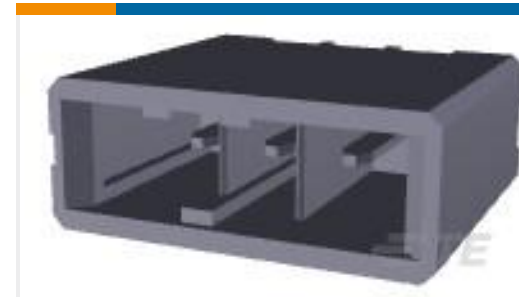
## Customers Also Bought



TE Part #1-1827864-6  
DYNAMIC 1200D REC HSG 12P X BLACK



TE Part #1827588-2  
DYNAMIC D1000 REC CONT L AU 0.38 um L/P



TE Part #1-178136-2  
DYNAMIC D3200 HDR V ASSY 3P



TE Part #171825-5  
5 POS EIS POST HDR



TE Part #171825-3  
POST HEADER ASSY EI SRS 3POS



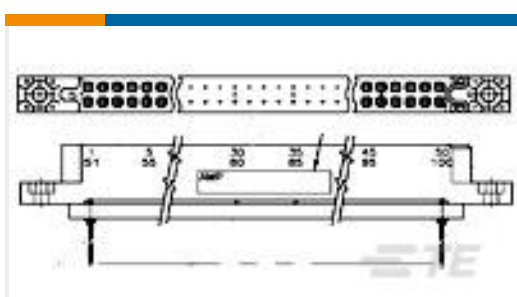
TE Part #794607-1  
MICRO MNL RPT CNT STRIP 26-30



TE Part #1-175218-2  
DYNAMIC D-3 REC CONT. L AU 0.38 L /P



TE Part #1-2229794-2  
D3950 REC 7/11POS 1ROW Y KEY MARKED



TE Part #530781-7  
2 ROW BOX RECP 90 POS 100 C/L

## 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.

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**Datasheets & Catalog Pages**

**DYNAMIC SPRING CLAMP SERIES**

English

**DYNAMIC SPRING CLAMP SERIES**

Japanese

**Introducing TE's D3950 Series Connector**

English

[1-1773732-4\\_DYNAMIC\\_SERIES\\_CATALOG\\_ENGLISH](#)

Japanese

[1-1773732-4\\_DYNAMIC\\_SERIES\\_CATALOG\\_ENGLISH](#)

English

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**Product Specifications**

**Product Specification**

English

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**Product Environmental Compliance**

**Product Compliance**

English

**Product Compliance**

English

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**Instruction Sheets**

**Instruction Sheet (non U.S.)**

English

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**Agency Approvals**

**UL Report**

English