

1-1981458-6 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 5000 Series](#)

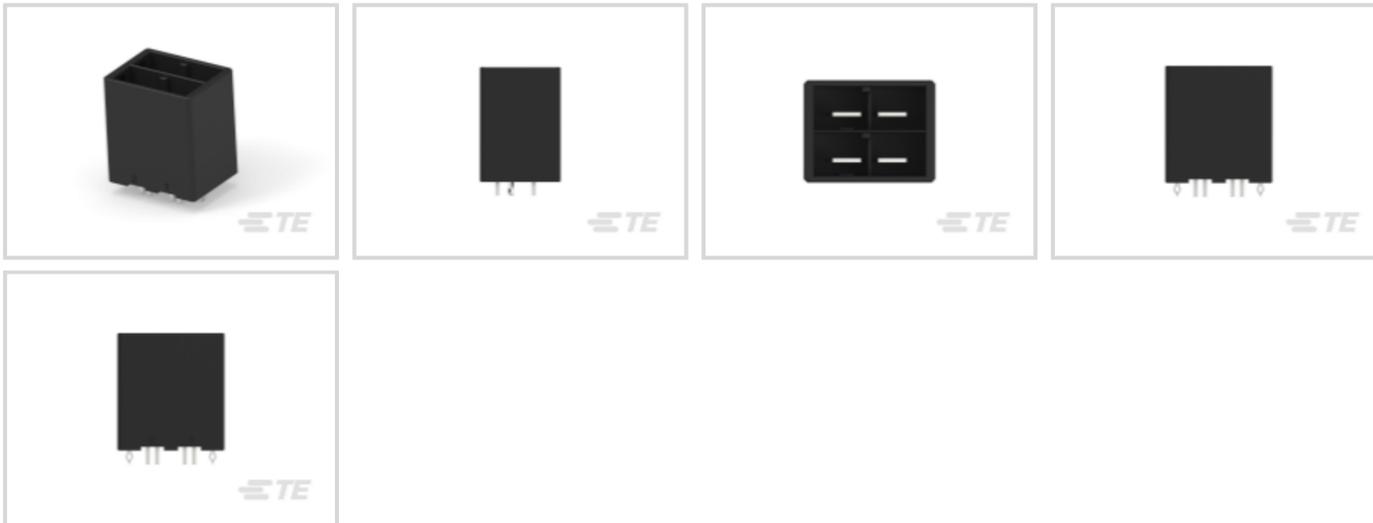
TE Internal #: 1-1981458-6

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 10.16 mm [.4 in] Centerline, Fully Shrouded, Silver (Ag), Dynamic 5000 Series

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Connectors > PCB Connectors > PCB Headers & Receptacles > DYNAMIC 5000 HDR ASSY



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Centerline (Pitch): **10.16 mm [.4 in]**

[All DYNAMIC 5000 HDR ASSY \(59\)](#)

## Features

### Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

### Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	2

### Body Features

Primary Product Color	Black
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### Contact Features



Contact Mating Area Plating Material	Silver (Ag)
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Type	Pin
Contact Current Rating (Max)	45 A

### Termination Features

Termination Method to PCB	Through Hole - Solder
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### Mechanical Attachment

PCB Mount Retention Type	Retention Leg
Mating Alignment Type	Keyed
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

### Housing Features

Centerline (Pitch)	10.16 mm[.4 in]
Housing Material	Polyester GF

### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Tube
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)



Candidate List Declared Against: JUNE 2025 (250)  
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°C

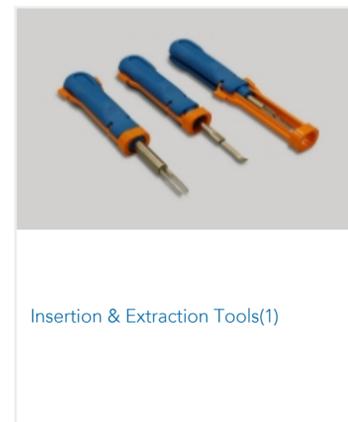
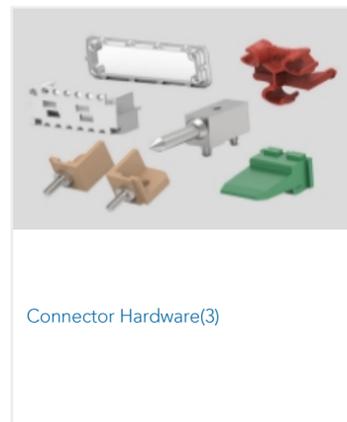
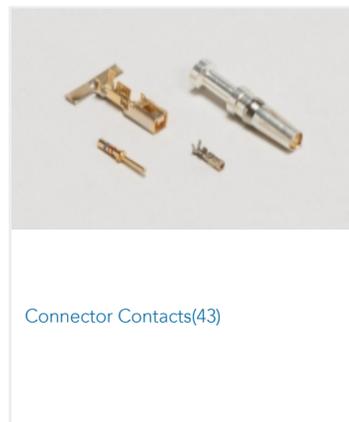
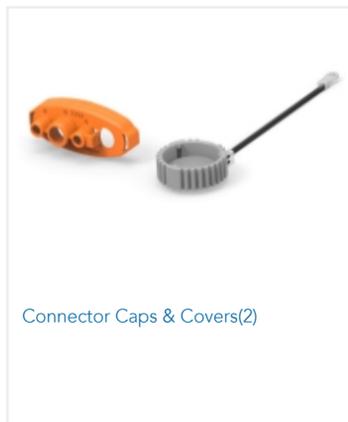
Product Compliance Disclaimer

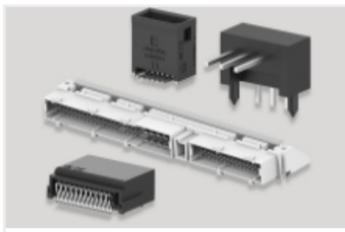
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



## Also in the Series | Dynamic 5000 Series





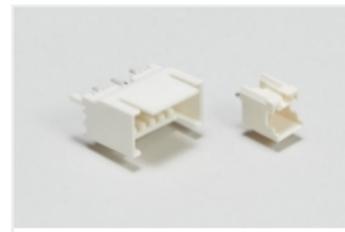
PCB Headers &amp; Receptacles(62)



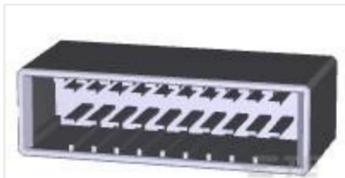
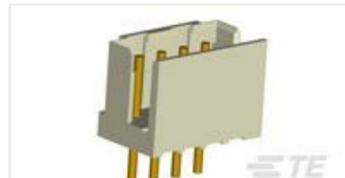
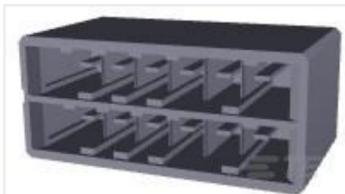
Power Contacts(43)



Rectangular Power Connectors(109)

Wire-to-Board Headers & Receptacles  
(62)

## Customers Also Bought

TE Part #178328-2  
DYNAMIC D-3 HDR ASSY V 20P PdNi  
& AuTE Part #292250-7  
CT P/HDR BOX H ASSY 7P W/KINKTE Part #292251-3  
CT P/HDR BOX V 3P POL NATTE Part #292254-9  
CT RELAY HDR ASSY 9P NATTE Part #1-917658-3  
DYNAMIC D-3200M HDR ASSY 12P V  
PdNiTE Part #7-1879208-3  
CPF 0402 10K 0.1% 25PPM 1K RLTE Part #2-1879214-5  
CPF 0402 576R 0.1% 25PPM 1K RLTE Part #2-1879214-6  
CPF 0402 590R 0.1% 25PPM 1K RLTE Part #5-2176380-4  
RQ 0805 4K12 0.1% 10PPM 5K RLTE Part #2311762-1  
AMPL REC, HD20, 25P, R/A  
THREADED, .318

## Documents

### Product Drawings

[DYNAMIC D-5 V-HDR ASSY 4P Ag XX](#)

Japanese

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1981458-6\\_B.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1981458-6\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1981458-6\\_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**

[1-1773721-5\\_DYNAMIC\\_SERIES\\_QRG](#)

English

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**Product Specifications**

[Product Specification](#)

English

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**Agency Approvals**

[UL](#)

English