

1-316130-3 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 3000 Series](#)

TE Internal #: 1-316130-3

PCB Mount Header, Horizontal, Wire-to-Board, 5 Position, 5.08 mm

[.2 in] Centerline, Fully Shrouded, Gold (Au), Dynamic 3000 Series

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > DYNAMIC 3200 HDR ASSY



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **5**

Number of Rows: **1**

[All DYNAMIC 3200 HDR ASSY \(133\)](#)

## 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 | Horizontal |
| Number of Positions   | 5          |
| Number of Rows        | 1          |

### Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

### Contact Features



|  |                |
|--|----------------|
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin] |
| Contact Mating Area Plating Material           | Gold (Au)      |
| Contact Type                                   | Pin            |
| Contact Current Rating (Max)                   | 15 A           |

### Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

### Mechanical Attachment

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

### Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | Polyester GF   |
| Centerline (Pitch) | 5.08 mm[.2 in] |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

### Packaging Features

|                  |           |
|------------------|-----------|
| Packaging Method | Box, Tube |
|------------------|-----------|

### 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: JAN 2025 (247)  
 Candidate List Declared Against: JAN 2025 (247)  
 Does not contain REACH SVHC

Halogen Content: Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability: Wave solder capable to 265°C

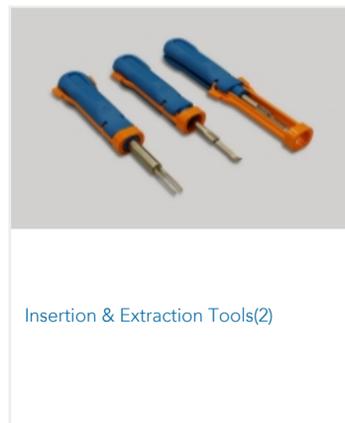
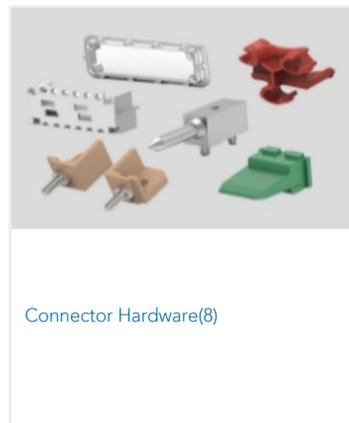
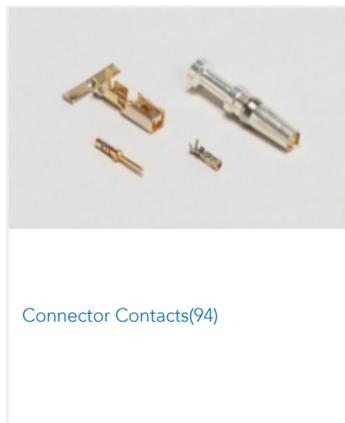
Product Compliance Disclaimer

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



## Also in the Series | Dynamic 3000 Series





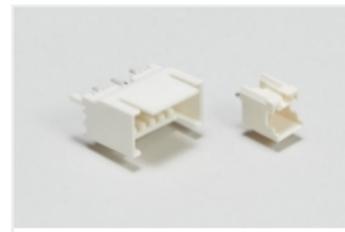
PCB Terminal Blocks(27)



Power Contacts(94)

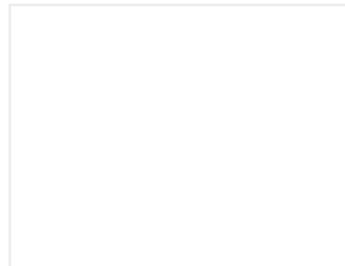
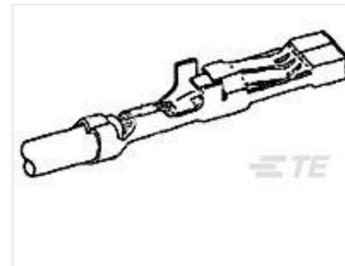


Rectangular Power Connectors(386)



Wire-to-Board Headers &amp; Receptacles (290)

## Customers Also Bought

TE Part #CAT-D9934-A75F  
DYNAMIC 3200 HDR ASSYTE Part #CAT-D9934-A75E  
Header Assembly: Wire-to-Board, 15A,  
gold or tin platedTE Part #171804-3  
PIN CONT CRIMPED POSTTE Part #170289-3  
MIC REC LP

## Documents

### Product Drawings

[DYNAMIC D-3200 HDR ASSY 5P H](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1-316130-3\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-316130-3\\_B.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-316130-3\\_B.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

### Product Specifications

[Product Specification](#)

English

### Agency Approvals

[TUV Certificate](#)

English

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Fully Shrouded, Gold (Au), Dynamic 3000 Series

