

1318126-2 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 2000 Series](#)

TE Internal #: 1318126-2

PCB Mount Header, Vertical, Wire-to-Board, 12 Position, 2.5 mm [.099 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder, Dynamic 2000 Series

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[Connectors](#) > [PCB Connectors](#) > [PCB Headers & Receptacles](#) > [Header Assembly: Wire-to-Board, 5A, gold plated](#)



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

Number of Positions: **12**

Number of Rows: **2**

Centerline (Pitch): **2.5 mm [.099 in]**

PCB Mount Orientation: **Vertical**

[All Header Assembly: Wire-to-Board, 5A, gold plated \(44\)](#)

## Features

### Product Type Features

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

### Configuration Features

|                       |          |
|-----------------------|----------|
| Number of Positions   | 12       |
| Number of Rows        | 2        |
| PCB Mount Orientation | Vertical |

### Body Features

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

### Contact Features

|  |                          |
|--|--------------------------|
| Contact Mating Area Plating Material Thickness | .38 $\mu$ m[15 $\mu$ in] |
| Contact Mating Area Plating Material           | Gold                     |
| Contact Type                                   | Pin                      |
| Contact Current Rating (Max)                   | 5 A                      |



### Termination Features

|   |                       |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

### Mechanical Attachment

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

### Housing Features

|                    |                  |
|--------------------|------------------|
| Housing Material   | Polyester GF     |
| Centerline (Pitch) | 2.5 mm [.099 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 Type | 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: JUNE 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<br>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

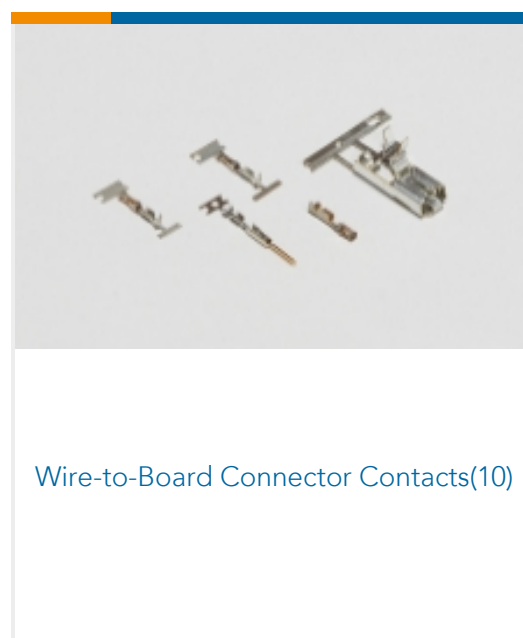
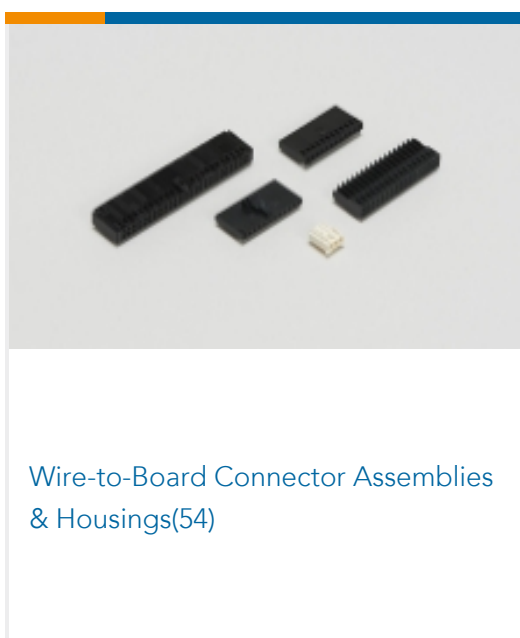
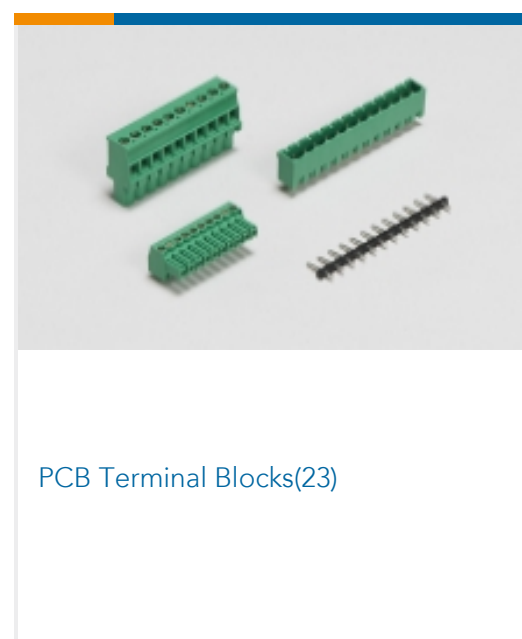
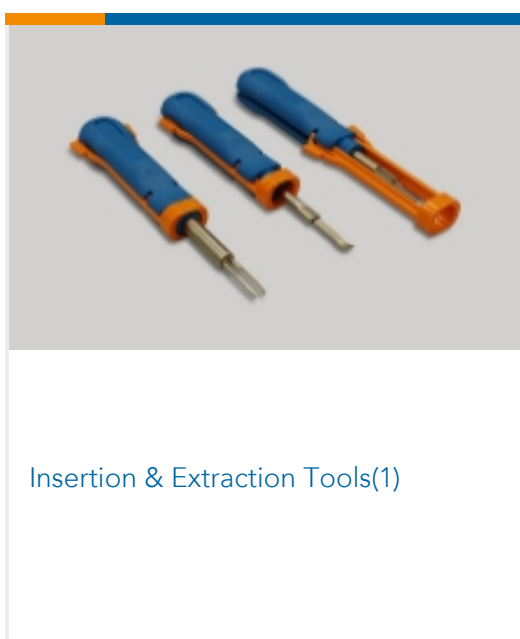
Product Compliance Disclaimer

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 2000 Series



### Customers Also Bought



TE Part #1318125-1  
DYNAMIC D2100 HDR V ASSY 8P



TE Part #2-178136-2  
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #T4151420008-004  
M12 A-Code Pigtail, Female, R/A, Single Ended Cable



TE Part #5175472-1  
CHAMP 050 BTB PLUG H W/LEG 20P



TE Part #5-966443-4  
4 POS. MOD II PIN HDR, SGL ROW



TE Part #2-1721066-5  
PCN-103L3MHZ

## Documents

### Product Drawings

[DYNAMIC D2100 HDR V ASSY 12P Y](#)

English

### CAD Files

[3D PDF](#)

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1318126-2\\_E.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1318126-2\\_E.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1318126-2\\_E.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

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

Japanese

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

English

### Product Specifications

[Dynamic Connector D-2000 Series](#)

Japanese



### Application Specification

Japanese

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### Product Environmental Compliance

MD\_1318126-2\_1110201760\_dmtec

English

MD\_1318126-2\_1110201760\_dmtec

English

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### Agency Approvals

Agency Approval Document

English