



Connectors > PCB Connectors > PCB Headers & Receptacles > DYNAMIC 2000 HDR ASSY



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **12**

Number of Rows: **2**

[All DYNAMIC 2000 HDR ASSY \(44\)](#)

Features

Mechanical Attachment

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

Contact Features

|  |                |
|--|----------------|
| Contact Mating Area Plating Material Thickness | .38 μm[15 μin] |
| Contact Mating Area Plating Material           | Gold           |
| Contact Type                                   | Pin            |
| Contact Current Rating (Max)                   | 5 A            |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | Polyester GF    |
| Centerline (Pitch) | 2.5 mm[.099 in] |

Product Type Features

|  |  |
|--|--|
|  |  |
|--|--|



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

Configuration Features

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

Body Features

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

Termination Features

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

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 | Tube, Box |
|------------------|-----------|

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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 | 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

TE Part # 2-1318118-6  
DYNAMIC D2100 REC 12P DBL Y

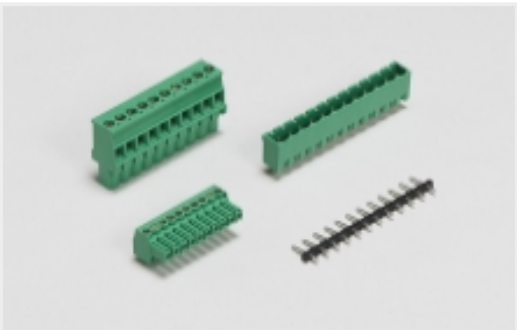
Also in the Series | Dynamic 2000 Series

Connector Contacts(10)

Connector Hardware(3)

Insertion & Extraction Tools(2)

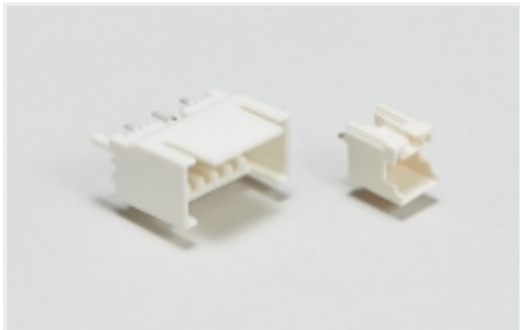
PCB Headers & Receptacles(44)



PCB Terminal Blocks(23)



Power Contacts(10)



Wire-to-Board Headers & Receptacles (44)

Customers Also Bought



TE Part #CAT-D9934-A15E  
Header Assembly: Wire-to-Board, 3A, Gold or Tin Plated

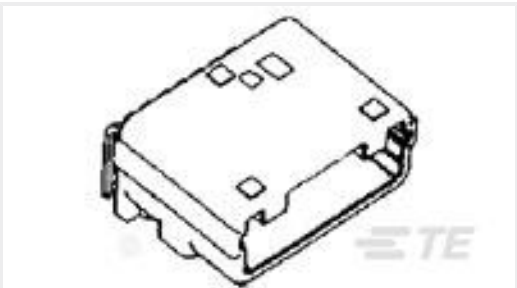


TE Part #CAT-D9934-A15F  
Header Assembly: Wire-to-Board, 5A, gold or tin plated



TE Part #CAT-D9934-A15B  
Receptacle and Tab Housing: 2.5 mm Pitch, 250V

TE Part #6469152-1  
HMZD 3PAIR, HDR ASSY, 37.5MM MOD



TE Part #1376366-8  
025 8POS CAP ASSY H TIN

Documents

Product Drawings

DYNAMIC D2100 HDR H ASSY 12P Y

Japanese

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1376020-2\_E.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1376020-2\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1376020-2\_E.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Product Specifications

Dynamic Connector D-2000 Series

Japanese

Application Specification

Japanese

Agency Approvals

Agency Approval Document

English