



Connectors > PCB Connectors > PCB Headers & Receptacles > Header Assembly: Wire-to-Board, 5A, gold or tin plated



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

Number of Positions: **4**

Number of Rows: **2**

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

PCB Mount Orientation: **Vertical**

[All Header Assembly: Wire-to-Board, 5A, gold or tin plated \(87\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector System                  | Wire-to-Board         |
| Header Type                       | Fully Shrouded        |
| Connector & Contact Terminates To | Printed Circuit Board |
| PCB Connector Assembly Type       | PCB Mount Header      |

Configuration Features

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

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

|                       |        |
|-----------------------|--------|
| Primary Product Color | Yellow |
|-----------------------|--------|

Contact Features

|                                                         |                 |
|---------------------------------------------------------|-----------------|
| Contact Mating Area Length                              | 3.6 mm[.141 in] |
| PCB Contact Termination Area Plating Material Thickness | 2 μm[78.73 μin] |
| Mating Tab Width                                        | .7 mm[.028 in]  |
| Mating Tab Thickness                                    | .5 mm[.02 in]   |
| Contact Mating Area Plating Material Thickness          | .38 μm[15 μin]  |



|                                               |              |
|-----------------------------------------------|--------------|
| Contact Shape & Form                          | Rectangular  |
| PCB Contact Termination Area Plating Material | Tin          |
| Contact Base Material                         | Copper Alloy |
| Contact Mating Area Plating Material          | Gold         |
| Contact Type                                  | Pin          |
| Contact Current Rating (Max)                  | 5 A          |

Termination Features

|                                             |                       |
|---------------------------------------------|-----------------------|
| Square Termination Post & Tail Dimension    | .5 mm[.02 in]         |
| Termination Post & Tail Length              | 3.05 mm[.12 in]       |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

|                          |               |
|--------------------------|---------------|
| Mating Alignment Type    | Keyed         |
| Mating Retention         | With          |
| Panel Mount Feature      | Without       |
| 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] |

Dimensions

|                             |                              |
|-----------------------------|------------------------------|
| Connector Length            | 7.6 mm[.299 in]              |
| Connector Height            | 12.45 mm[.490 in]            |
| Connector Width             | 11.3 mm[.444 in]             |
| PCB Thickness (Recommended) | 1.0 – 1.6 mm[.039 – .062 in] |
| Row-to-Row Spacing          | 3.3 mm[.129 in]              |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 61   |
| Packaging Type     | Tube |



Product Compliance

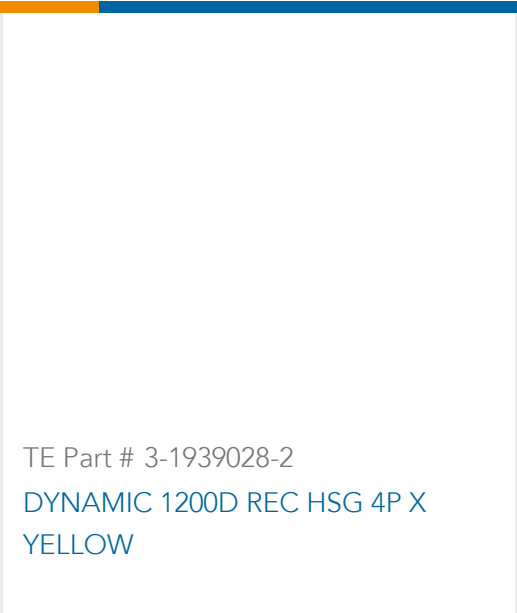
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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 2022 (224)<br>Candidate List Declared Against: JUN 2020 (209)<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 1000 Series](#)



Connector Contacts(1)



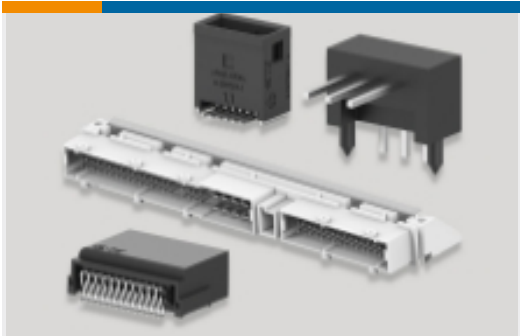
Insertion & Extraction Tools(2)



PCB Connector Keying(1)



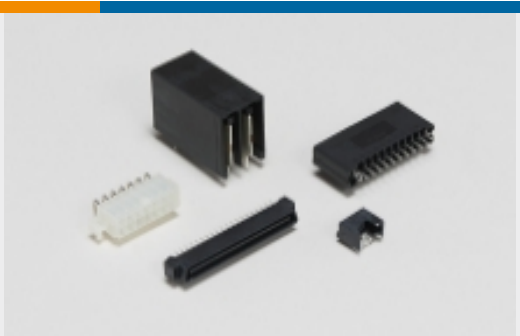
PCB Connector Mounting(2)



PCB Headers & Receptacles(171)



Rectangular Connector Housings(2)



Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies & Housings(157)



Wire-to-Board Connector Contacts(38)

Documents

Product Drawings  
DYNAMIC 1200D HDR ASSY V 4P X YLW GOLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-1939261-2\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-1939261-2\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-1939261-2\_B.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

Application Specification

English

Agency Approvals

TUV Certificate

English