# 3-1939261-4 DO NOT USE FOR NEW DESIGN

Dynamic Series | Dynamic 1000 Series

TE Internal #: 3-1939261-4

PCB Mount Header, Vertical, Wire-to-Board, 8 Position, 2.5 mm [.099 in] Centerline, Fully Shrouded, Gold (Au), Dynamic 1000 Series

View on TE.com >

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

PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

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

All Header Assembly: Wire-to-Board, 5A, gold or tin plated (89)

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| PCB Mount Orientation | Vertical |
| Number of Positions | 8 |
| Number of Rows | 2 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VDC |

### Body Features

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

### Contact Features

| | |
|---|---|
| Mating Tab Width | .7 mm[.028 in] |
| PCB Contact Termination Area Plating Material Thickness | 2 µm[78.73 µin] |
| Contact Shape & Form | Rectangular |
| Contact Mating Area Length | 3.6 mm[.141 in] |

| | |
|---|---|
| Contact Base Material | Copper Alloy |
| Mating Tab Thickness | .5 mm[.02 in] |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Mating Area Plating Material Thickness | .381 µm[15 µin] |
| Contact Type | Pin |
| Contact Current Rating (Max) | 5 A |

## Termination Features

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

## Mechanical Attachment

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

## Housing Features

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

## Dimensions

| | |
|---|---|
| Row-to-Row Spacing | 3.3 mm[.129 in] |
| Connector Width | 11.3 mm[.444 in] |
| PCB Thickness (Recommended) | 1 – 1.6 mm[.039 – .062 in] |
| Connector Height | 12.45 mm[.490 in] |
| Connector Length | 12.6 mm[.496 in] |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 37 |
| Packaging Method | 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<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

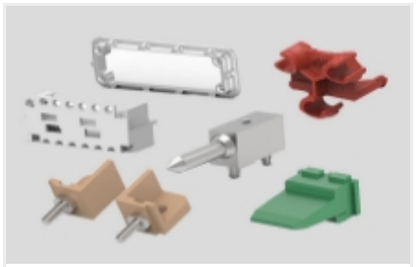
## Compatible Parts

TE Part # 3-1939028-4
DYNAMIC 1200D REC HSG 8P X YELLOW

## Also in the Series | Dynamic 1000 Series



Connector Contacts(40)



Connector Hardware(3)



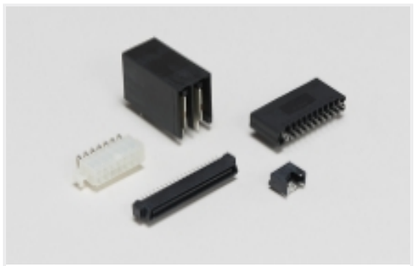
Power Contacts(9)



Rectangular Connector Housings(149)



Rectangular Power Connectors(130)



Standard Rectangular Connectors(152)



Wire-to-Board Connector Assemblies & Housings(84)

## Customers Also Bought



TE Part #CAT-D9934-A75E

Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #350431-1

06P UMNL PIN HDR ASSY V2 NAT



TE Part #1-353080-2

DYNAMIC D-5200 HDR V ASSY 2P



TE Part #1827691-3

DYNATAP 3200 TAP ASSY 24P BOTTOM PdNI



TE Part #1-1827863-1

DYNAMIC 1100D REC HSG 22P X BLACK



TE Part #CAT-D9934-A15F

Header Assembly: Wire-to-Board, 5A, gold or tin plated

## Documents

### Product Drawings

DYNAMIC 1200D HDR ASSY V 8P X YLW GOLD

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_3-1939261-4_B.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_3-1939261-4_B.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_3-1939261-4_B.3d_stp.zip

English

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

## Product Specifications

### Application Specification

English