

1-1827863-4 ✓ ACTIVE



[Dynamic Series](#) | [Dynamic 1000 Series](#)

TE Internal #: 1-1827863-4

Housing, Receptacle, Wire-to-Board, 28 Position, 2 mm [.079 in]  
Centerline, Crimp, 2 Row, Black, Mating Retention, Wire & Cable,  
Dynamic 1000 Series

[View on TE.com >](#)

[Connectors >](#) [PCB Connectors >](#) [Wire-to-Board Connectors >](#) [Wire-to-Board Connector Assemblies & Housings >](#)

DYNAMIC 1100 REC AND TAB HSG



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **28**

Centerline (Pitch): **2 mm [.079 in]**

[All DYNAMIC 1100 REC AND TAB HSG \(50\)](#)

## Features

### Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	28
Number of Rows	2

### Housing Features

Centerline (Pitch)	2 mm [.079 in]
--------------------	----------------

### Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

### Dimensions

Row-to-Row Spacing	3.3 mm [.129 in]
Connector Width	11.3 mm [.44 in]



Connector Height	12.45 mm[.49 in]
------------------	------------------

Connector Length	30.6 mm[1.2 in]
------------------	-----------------

### Body Features

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

### Mechanical Attachment

Mating Retention	With
------------------	------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Strain Relief	Without
---------------	---------

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Usage Conditions

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

### Other

EU RoHS Compliance	Compliant
--------------------	-----------

EU ELV Compliance	Compliant
-------------------	-----------

### Contact Features

Contact Base Material	Copper Alloy
-----------------------	--------------

Contact Type	Receptacle
--------------	------------

### Industry Standards

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

### Packaging Features

Packaging Method	Bag
------------------	-----

Packaging Quantity	100
--------------------	-----

### 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

Not applicable for solder process capability

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 # CAT-D9934-A15A  
DYNAMIC 1100 REC AND TAB HSG



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



TE Part # 1-1871315-4  
D1100D HDR ASSY V 28P XBLACK Pre-TIN




TE Part # 1-2329463-4  
DYNAMIC 1100D HDR ASSY V 28P XBLACK TIN

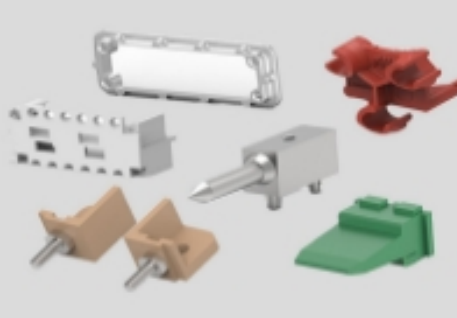


TE Part # 1-2372488-4  
DYNAMIC 1100D HDR ASSY H 28PX Pre-TIN


## Also in the Series | Dynamic 1000 Series



Connector Contacts(40)



Connector Hardware(3)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(169)



Rectangular Connector Housings(2)



Wire-to-Board Connector Assemblies &amp; Housings(152)

## Customers Also Bought

TE Part #1-1903128-4  
DYNAMIC 1100 REC AND TAB HSGTE Part #1674320-1  
ENCODER CABLE I/O KIT, MICRO MTE Part #1-2349949-0  
D1200D REC HSG 20P X BK, PA9T

## Documents

### Product Drawings

#### DYNAMIC 1100D REC HSG X 28P BLACK

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1827863-4\\_P.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1827863-4\\_P.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1827863-4\\_P.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

### Instruction Sheets

#### Instruction Sheet (non U.S.)

English

1-1827863-4

Housing, Receptacle, Wire-to-Board, 28 Position, 2 mm [.079 in] Centerline, Crimp, 2 Row, Black, Mating Retention, Wire & Cable, Dynamic 1000 Series



[Agency Approvals](#)

[TUV Certificate](#)

English