

2-1871935-5 ✓ ACTIVE

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

TE Internal #: 2-1871935-5

PCB Mount Header, Horizontal, Wire-to-Board, 30 Position, 3.5 mm

[.137 in] Centerline, Fully Shrouded, Gold, Dynamic 1000 Series

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > DYNAMIC 1900D HDR ASSY



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Horizontal**

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

[All DYNAMIC 1900D HDR ASSY \(9\)](#)

## Features

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### 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	30
Number of Rows	2

### Body Features



Primary Product Color	Black
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### Contact Features

Contact Mating Area Plating Material Thickness	.38 $\mu$ m[15 $\mu$ in]
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Contact Mating Area Plating Material	Gold
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Contact Type	Pin
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Contact Current Rating (Max)	1 A
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### Termination Features

Termination Method to PCB	Through Hole - Solder
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### Mechanical Attachment

Mating Retention	With
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Mating Alignment Type	Keyed
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PCB Mount Retention Type	Retention Leg
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PCB Mount Retention	With
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PCB Mount Alignment	Without
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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### Housing Features

Housing Material	Polyester GF
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Centerline (Pitch)	3.5 mm[.137 in]
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### Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Tube, Box
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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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

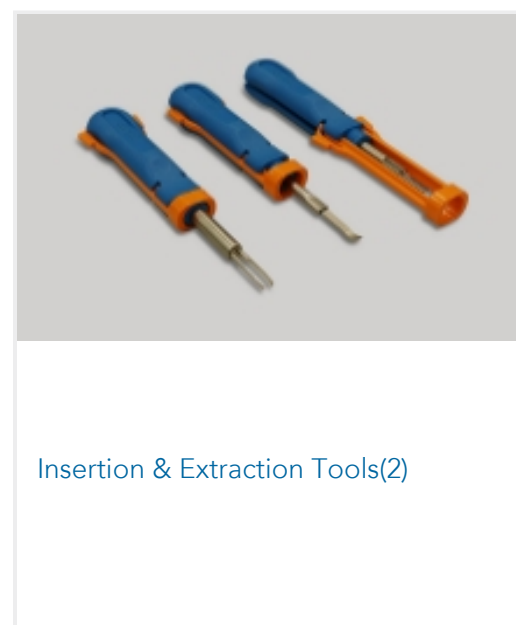
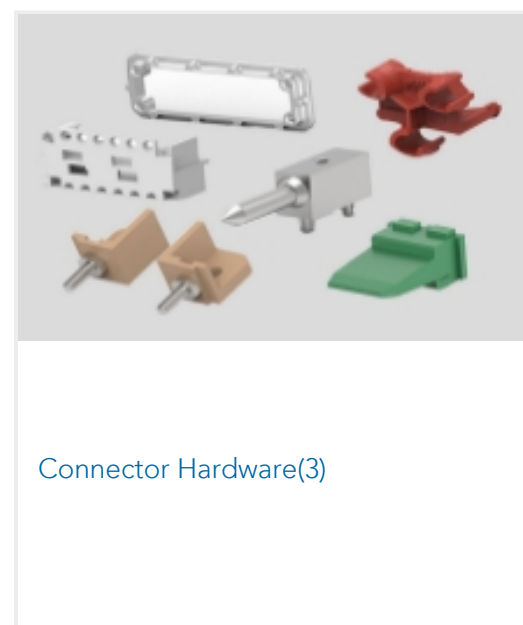
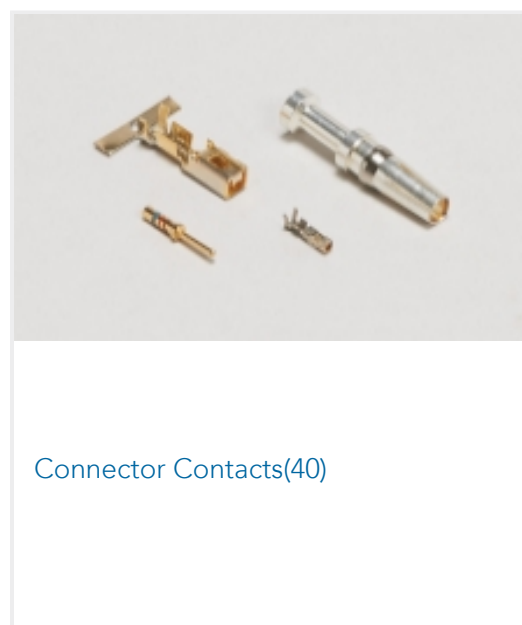
Product Compliance Disclaimer

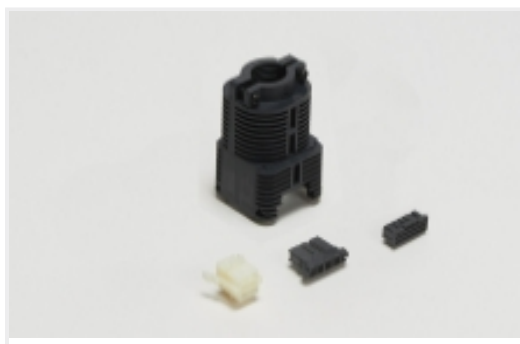
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

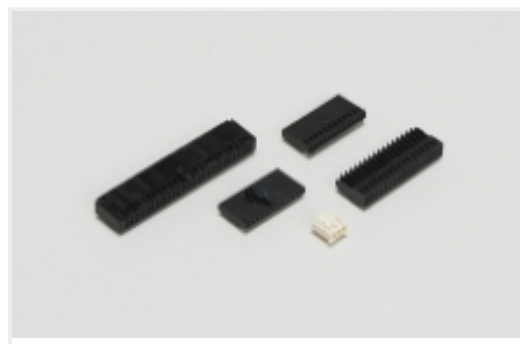


## Also in the Series | Dynamic 1000 Series





Rectangular Connector Housings(2)



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

## Customers Also Bought



TE Part #1717975-2  
CAP ASSY,6P,BRACKET REVERSE TYPE,ATAC CO



TE Part #2-1871940-5  
DYNAMIC 1900D REC ASSY (SPR CLAMP) 30P



TE Part #T2120865101-000  
HK-HDW3/1/1-23/16/47-M



TE Part #T2120865201-000  
HK-HDW3/1/1-23/16/47-F



TE Part #1-1318983-2  
DYNAMIC D-5200M ALPHA HDR ASSY 4P XX AU



TE Part #1-1871935-8  
DYNAMIC 1900D HDR ASSY H-TYPE 16P



TE Part #2-2299005-1  
DYNAMIC D3200M FMLB HDR ASSY 12P SS



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



TE Part #1-2366600-6  
DYNAMIC D1000 SLIM TAB HSG 6P X KEY



TE Part #4-2366515-2  
DYNAMIC D1000 SLIM REC HSG 12P Y KEY

## Documents

### Product Drawings

[DYNAMIC 1900D HDR ASSY H-TYPE 30P](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1871935-5\\_D\\_c-2-1871935-5-d.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1871935-5\\_D\\_c-2-1871935-5-d.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1871935-5\\_D\\_c-2-1871935-5-d.3d\\_stp.zip](#)

English

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

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## Datasheets & Catalog Pages

[DYNAMIC SPRING CLAMP SERIES](#)

English

[DYNAMIC SPRING CLAMP SERIES](#)

Japanese

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## Product Specifications

[Product Specification](#)

Japanese

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## Agency Approvals

[UL Report](#)

English