

2-1871935-1 ✓ ACTIVE

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

TE Internal #: 2-1871935-1

PCB Mount Header, Horizontal, Wire-to-Board, 22 Position, 3.5 mm  
[.137 in] Centerline, Fully Shrouded, Gold, Dynamic 1000 Series

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[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
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EU ELV Compliance	Compliant
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### Product Type Features

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

PCB Mount Orientation	Horizontal
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Number of Positions	22
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Number of Rows	2
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### 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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PCB Mount Retention Type	Retention Leg
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Mating Alignment Type	Keyed
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)
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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

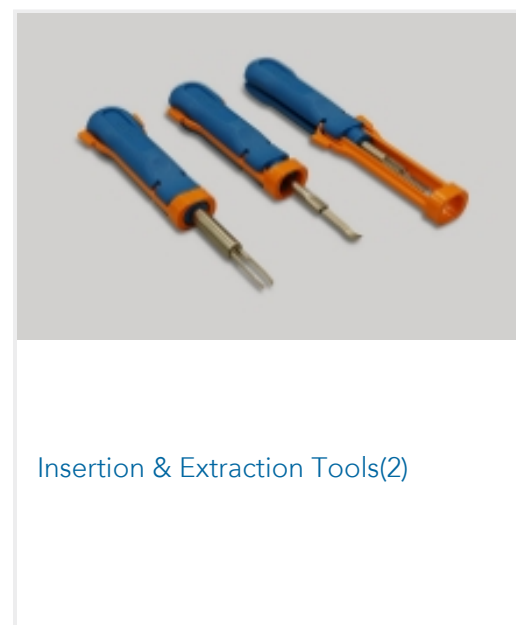
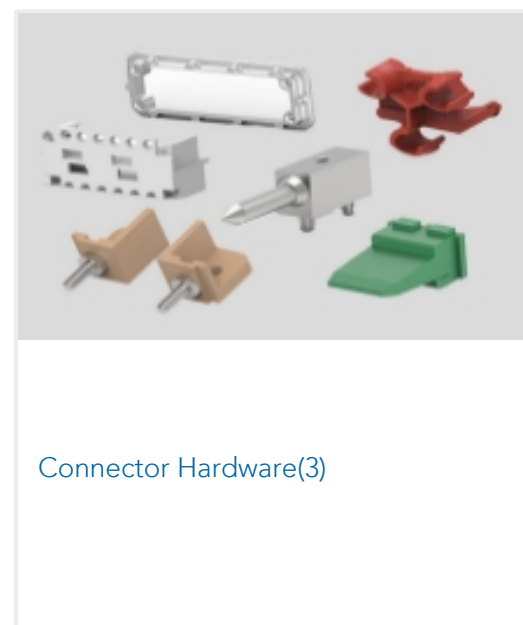
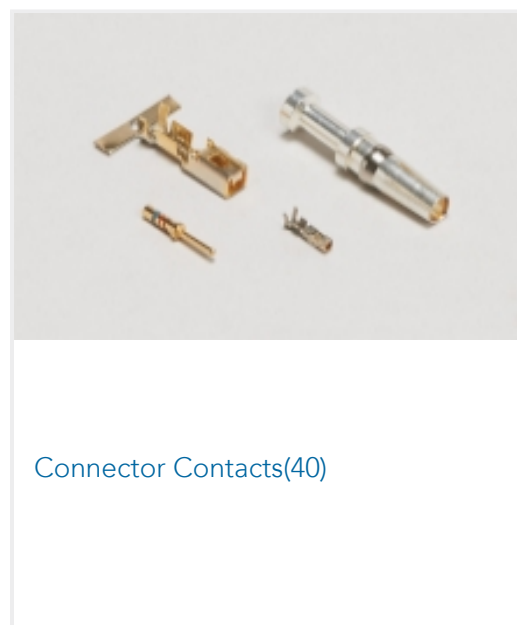
Product Compliance Disclaimer

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

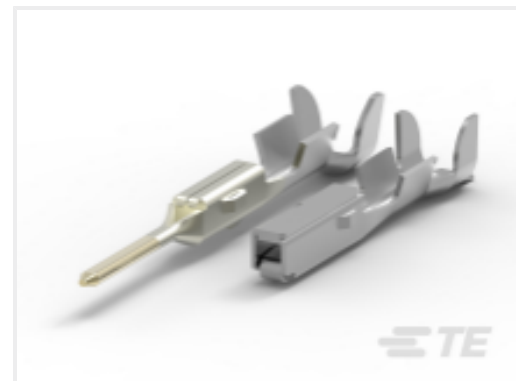
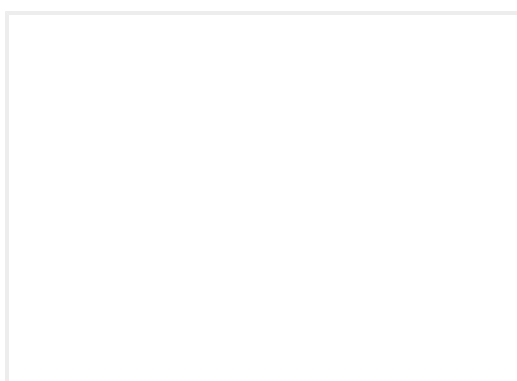




Rectangular Connector Housings(2)

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

## Customers Also Bought

TE Part #T4140L12051-000  
M12,REAR MOUNT,MALE,L,4P+PE,  
SOLDER PCBTE Part #6116075-1  
INV MJ,1X1,SHIELDED,LED (G/Y)TE Part #173682-1  
MULTILOCK, RECEPTACLE AND TABTE Part #T0920023670-002  
F SHIELD PLATE FOR HK-HDW3/1/1,  
BENDEDTE Part #T4104000000-000  
AM12 MALE PROTECT CAPTE Part #175652-2  
MULTILOCK, CONNECTOR HOUSINGTE Part #T1230100132-002  
H10B-TSH-M32,SHORT RIB

## Documents

### Product Drawings

[DYNAMIC 1900D HDR ASSY H-TYPE 22p](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1871935-1\\_D\\_c-2-1871935-1-d.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1871935-1\\_D\\_c-2-1871935-1-d.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1871935-1\\_D\\_c-2-1871935-1-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