

1981823-1 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 7000 Series](#)

TE Internal #: 1981823-1

PCB Mount Header, Horizontal, Wire-to-Board, 4 Position, 16 mm [.63 in] Centerline, Silver, Through Hole - Solder, Black, Dynamic 7000 Series

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **4**

Number of Rows: **2**

Centerline (Pitch): **16 mm [.63 in]**

PCB Mount Orientation: **Horizontal**

## Features

### Product Type Features

Connector System	Wire-to-Board
Sealable	No
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	Horizontal

### Body Features

Primary Product Color	Black
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### Contact Features

Contact Mating Area Plating Material Thickness	2.54 $\mu\text{m}$ [100 $\mu\text{in}$ ]
Contact Mating Area Plating Material	Silver
Contact Type	Pin
Contact Current Rating (Max)	65 A

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Mating Alignment Type	Keyed
Mating Retention	With
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)	16 mm [.63 in]

### Usage Conditions

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

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

Packaging Type	Box, Tube
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### 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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 2134055-1  
DYNAMIC D7100 SOCKET HSG ASSY  
4P XX




TE Part # CAT-D9934-A86  
Contact: Component To Wire; 55-60A,  
16-6 Wire Size


## Also in the Series | Dynamic 7000 Series



PCB Headers & Receptacles(1)



Wire-to-Board Connector Assemblies  
& Housings(8)



Wire-to-Board Connector Contacts(10)

## Customers Also Bought



TE Part #9-1393211-0  
T92S11D12-24



TE Part #HD14-3-96P  
INL REC ASM



TE Part #1-2176049-5  
RLP73N 1E R20 1% 1K RL



TE Part #2081156-1  
SMA Jack S/T RF CONN, PIP



TE Part #2-5767004-2  
MICTOR RECEPT ASSY, 38 POS.



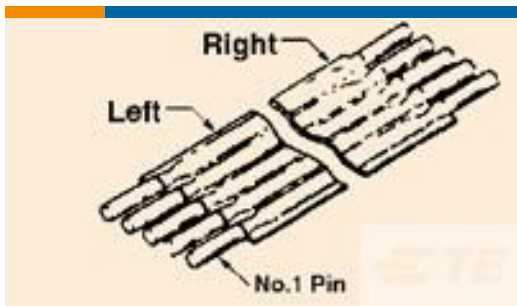
TE Part #2311768-2  
AMPL REC, HD22, R/A, 26P, S/L



TE Part #1871131-2  
DYNAMIC D7 PIN CONTACT NML  
AG PL #08



TE Part #2134055-1  
DYNAMIC D7100 SOCKET HSG ASSY  
4P XX



TE Part #7-1437166-4  
FSP-22A-8

## Documents

### Product Drawings

[DYNAMIC D7100 HDR ASSY H 4P XX SQ](#)

Japanese

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1981823-1\\_G.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1981823-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1981823-1\\_G.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[1-1773721-5\\_DYNAMIC\\_SERIES\\_QRG](#)

English

[1-1773732-4\\_DYNAMIC\\_SERIES\\_CATALOG\\_ENGLISH](#)

Japanese

[1-1773732-4\\_DYNAMIC\\_SERIES\\_CATALOG\\_ENGLISH](#)

English

### Product Specifications



### Product Specification

Japanese

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### Agency Approvals

TUV Certificate

English